Table of Contents

PPAP Package for:

Newark Electronics
Customer Part Number: 67R4320
(TE Connectivity Part Number): 1-1924067-1

Nondisclosure Agreement

If a nondisclosure agreement has been reached with your company, it will be included on the following page(s). Please review the terms of this agreement to ensure that further actions associated with information contained within this PPAP package do not violate these terms.

If a nondisclosure agreement HAS NOT been reached, certain documents deemed confidential by TE Connectivity will not be included in this PPAP package. These documents include but are not limited to the Design FMEA, the Process Flow Diagram, the Process FMEA and the Control Plan. These documents can be reviewed by you company but cannot be retained.

Section 1

Design Records

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B6	REVISED PER ECO-14-014610	26SEP2014	DLD	SLM
	B7	REVISED PER ECO-20-002101	17FEB2020	JMS	SI
	B8	REVISED PER ECO-20-012882	14OCT2020	SM	SI
	B9	REV PER ECO-21-004755	22APR2021	RGV	SI

1. PART NUMBER 1-1924067-9 SHOWN ON DRAWING.

2. TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8968 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE-LATCHED POSITION, IF NECESSARY.

3. TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TE MCON 1.2-CB (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.

4. APPLICABLE HEADER INTERFACE DRAWING 114-18679-3 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TYCO ELECTRONICS PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTIVE OR CUSTOMER SERVICE.

5. MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.

6. TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.

7. NOTE LEFT BLANK INTENTIONALLY.

8. PART NUMBERS 1924067-7, -8, 1-7, 1-8 INNER HOUSING ARE ASSEMBLED 180°.

9. PROTOTYPE ASSEMBLIES USE GERMAN OUTER HOUSING P/N: 1718648-1, CPA P/N: 1670193-1 AND SEAL P/N: 1718650-1.

10. NOTE DELETED

11. TPA ENGAGE FORCE: PRESET TO FULL ≥ 2 N AND ≤ 60 N.

12. TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET ≥ 2 N AND ≤ 60 N.

13. CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONNECTORS MATED ≥ 40 N.

14. CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED < 30N.

15. POLARIZATION FEATURE EFFECTIVENESS:
CONNECTOR MATED TURNED 180° NO MATING > 125 N.
WRONG KEYING NO MATING > 125 N.

16. VALIDATED UP TO USCAR TEMPERATURE CLASS III.

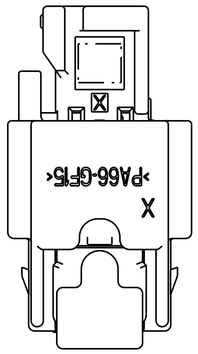
17. SEE INSTRUCTION SHEET 408-8928.

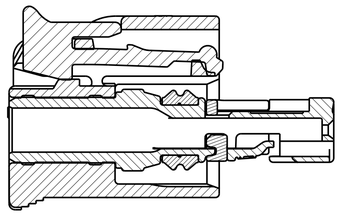
18. REFERENCE SHEET 2 FOR ISOMETRIC VIEWS.

19. TERMINAL 1670146-x REPLACES 1418847-x

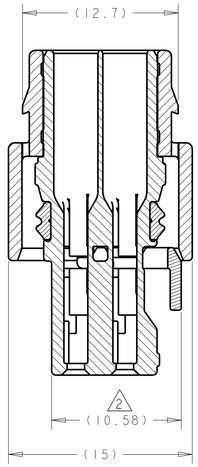
20. ACTUAL BASE MATERIAL IS PA66 GF13%. THIS MATERIAL HAS A TOLERANCE OF ±2% BY FORMULATION. MARKING SHOWN ON DRAWING IS BASED ON MAX GLASS FILL (GF) % ALLOWED BY THE FORMULATION. NA MANUFACTURING REGION WILL IMPRINT THE MAX GLASS FILLED ALLOWANCE. THE CHINA MANUFACTURING REGION WILL IMPRINT THE NOMINAL GLASS FILLED ALLOWANCE.

21. DUE TO VARIATION IN MOLD DESIGN, SOME NON-FUNCTIONAL FEATURES OF THE ASSEMBLY MAY VARY FROM WHAT IS SHOWN ON THE DRAWING. FORM, FIT, FUNCTION ARE NOT IMPACTED.

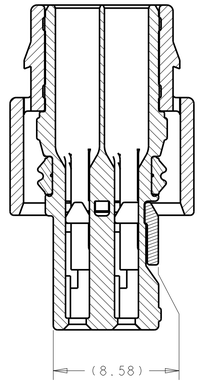




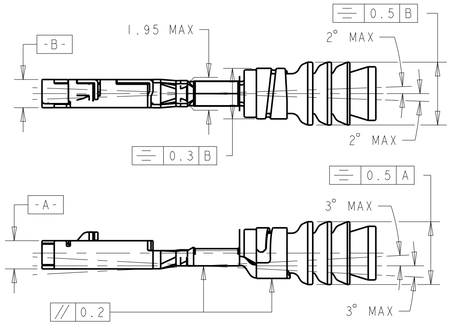
SECTION B-B
SHOWN WITH CPA (WHEN APPLICABLE) IN IT'S LATCHED POSITION FOR REFERENCE ONLY

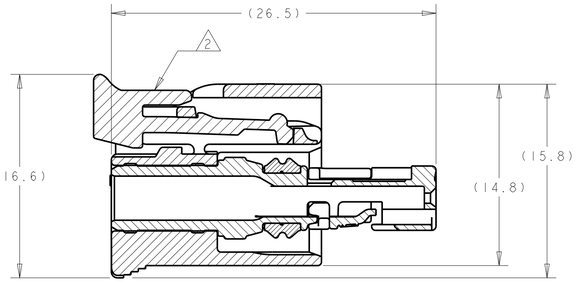


SECTION A-A

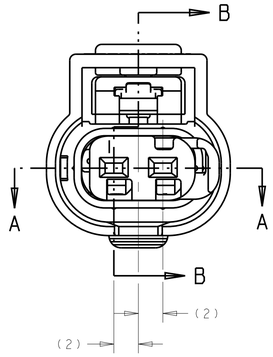


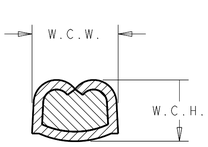
SECTION A-A
SHOWN WITH TPA IN IT'S LATCHED POSITION FOR REFERENCE ONLY



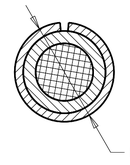


SECTION B-B



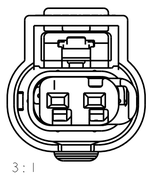


WIRE CRIMP DIMENSIONS



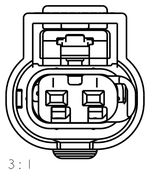
INSULATION CRIMP DIMENSIONS

KEYING CONFIGURATIONS



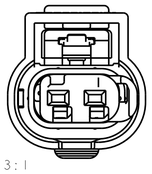
SCALE 3:1

KEYING OPTION A



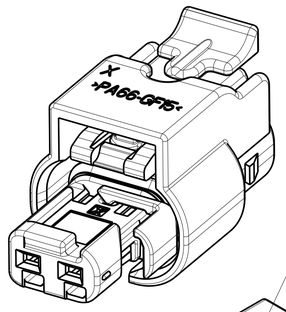
SCALE 3:1

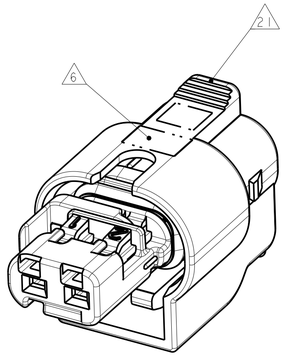
KEYING OPTION B

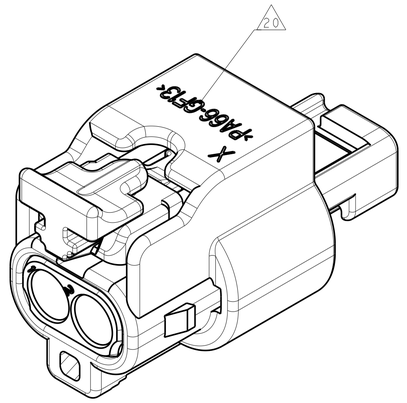


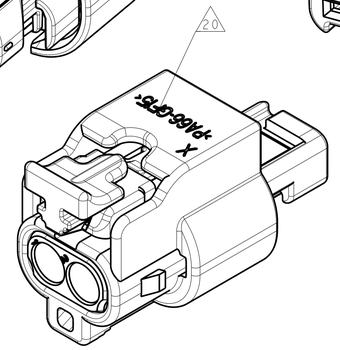
SCALE 3:1

KEYING OPTION C









NORTH AMERICA MANUFACTURING REGION

ISOMETRIC VIEWS
1-1924067-9

CHINA MANUFACTURING REGION

ISOMETRIC VIEWS
1-1924067-9

TE MCON 1.2-CB (CLEAN BODY)								
1418844-3	SILVER	3.3 ±0.3	22	1.2 TO 1.4	0.86 ±0.03	1.27 ±0.05	3.15±0.05	967067-2
1418844-2	GOLD							
1418844-1	TIN							
1670146-3	SILVER	3.6 ±0.3	20	1.4 TO 1.9	0.84 ±0.03	1.57 ±0.05	3.25±0.05	967067-1
1670146-2	GOLD							
1670146-1	TIN							
1418850-3	SILVER	3.6 ±0.3	18	1.9 TO 2.4	1.11 ±0.05	1.78 ±0.05	3.35±0.05	964972-1
			16		1.31 ±0.05			
1418850-2	GOLD		18		1.11 ±0.05			
			16		1.31 ±0.05			
1418850-1	TIN		18		1.11 ±0.05			
			16		1.31 ±0.05			
PART NUMBER	PLATING	WIRE STRIP LENGTH	AWG	INSL. RANGE	W.C.H.	W.C.W.	I.C.D.	WIRE SEAL PART NUMBER

19

STATUS	CPA 18 COLOR	CPA 18 PART NO	INNER HOUSING COLOR	INNER HOUSING KEY	PART NUMBER
RELEASED	RED	2138907-1	BLUE	C	4-1924067-3
RELEASED	RED	2138907-1	NATURAL	B	4-1924067-2
RELEASED	RED	2138907-1	BLACK	A	4-1924067-1
RELEASED	VIOLET	1989913-2	BLUE	C	2-1924067-1
RELEASED	VIOLET	1989913-2	NATURAL	B	2-1924067-0
RELEASED	VIOLET	1989913-2	BLACK	A	1-1924067-9
RELEASED	RED	1488787-1	BLACK	A	1-1924067-8 8
RELEASED	-	-	BLACK	A	1-1924067-7 8
RELEASED	RED	1488787-1	BLUE	C	1-1924067-6
RELEASED	RED	1488787-1	NATURAL	B	1-1924067-5
RELEASED	RED	1488787-1	BLACK	A	1-1924067-4
RELEASED	-	-	BLUE	C	1-1924067-3
RELEASED	-	-	NATURAL	B	1-1924067-2
RELEASED	-	-	BLACK	A	1-1924067-1
9 OBSOLETE					~~1924067-8~~ 8
					~~1924067-7~~ 8
9 OBSOLETE					~~1924067-6~~
					~~1924067-5~~
					~~1924067-4~~
9 OBSOLETE					~~1924067-3~~
					~~1924067-2~~
					~~1924067-1~~

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL - SEE TABLE

FINISH - -

DWN	M. FORISKA	25SEP2006
CHK	G. MARTIN	25SEP2006
APVD	G. MARTIN	25SEP2006
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	2.07g	

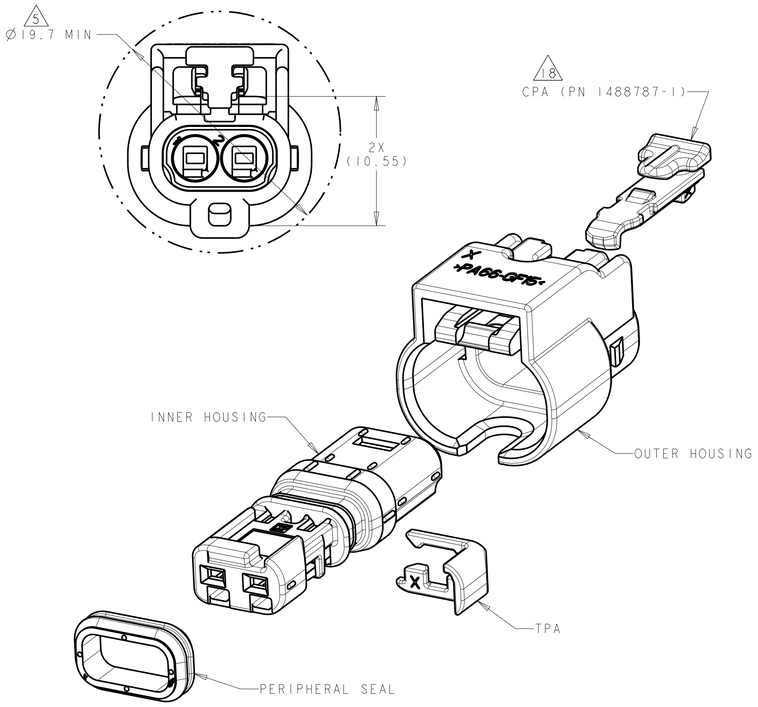
TE Connectivity

NAME: CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION

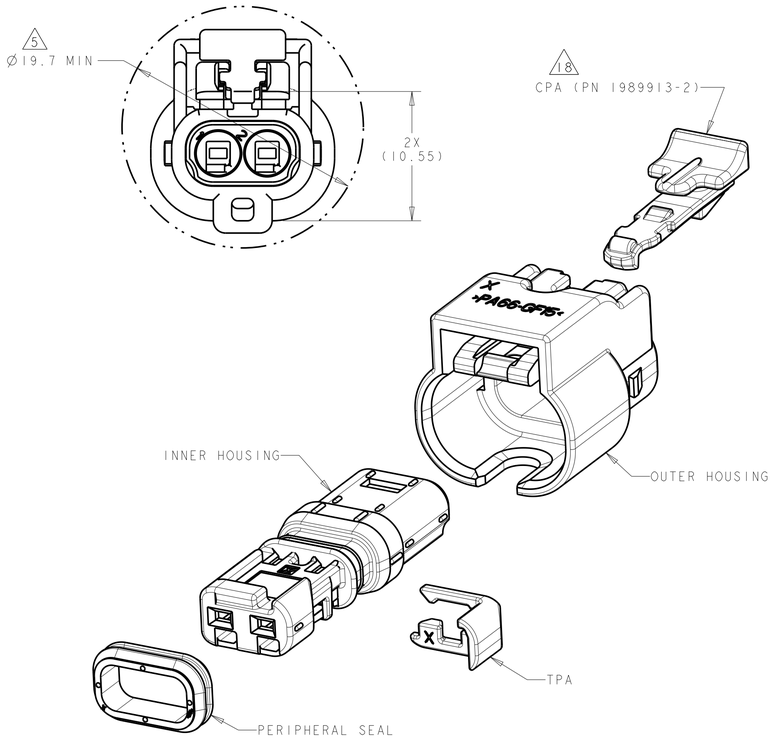
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1924067	

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV B9

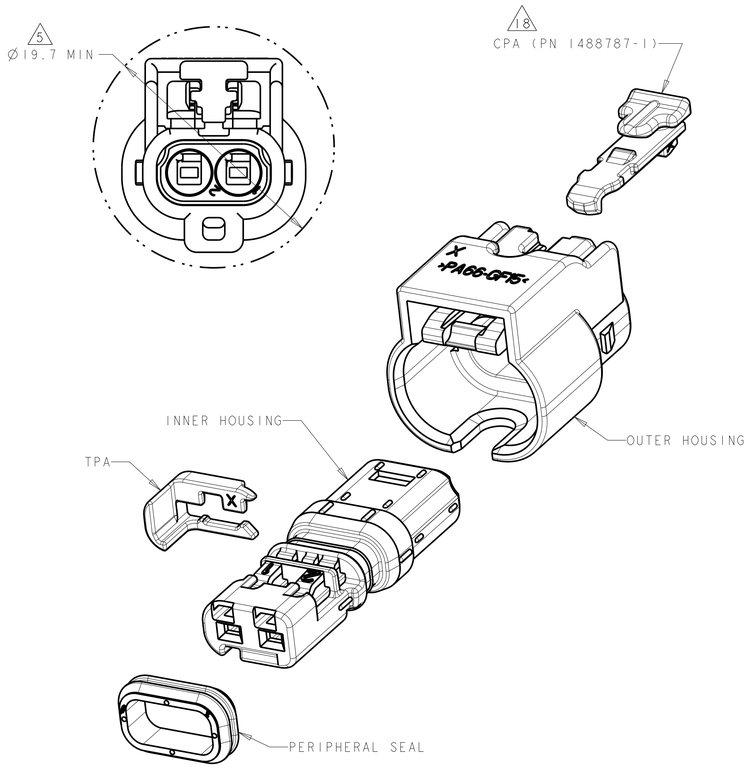
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



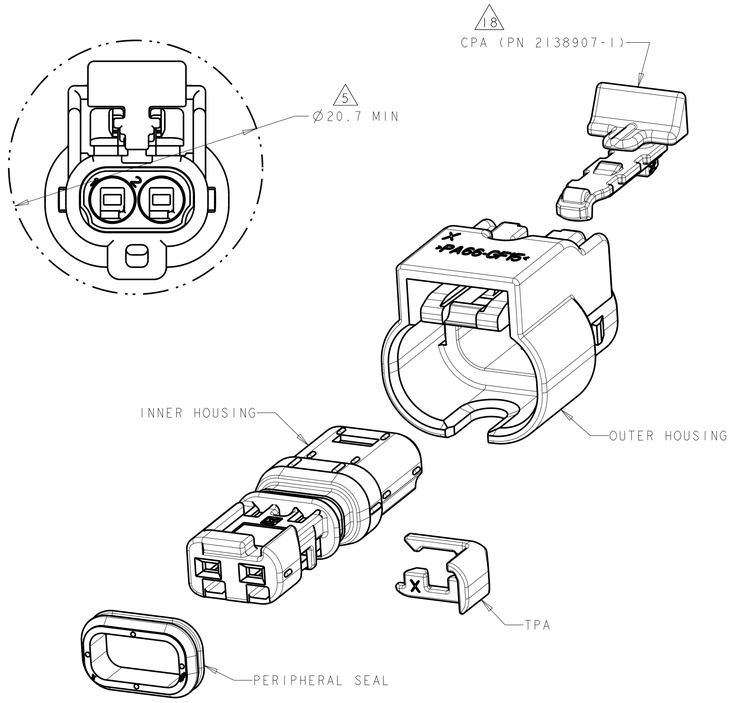
1-1924067-4
EXPLODED ISOMETRIC VIEW



1-1924067-9
EXPLODED ISOMETRIC VIEW



1-1924067-8 8
EXPLODED ISOMETRIC VIEW



4-1924067-1
EXPLODED ISOMETRIC VIEW

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. FORISKA 25SEP2006	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±- 4 PLC ±- ANGLES ±1°	CHK G. MARTIN 25SEP2006	NAME CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION
		APVD G. MARTIN 25SEP2006	
		PRODUCT SPEC -	
		APPLICATION SPEC -	SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1924067 | RESTRICTED TO
MATERIAL - SEE TABLE	FINISH - -	WEIGHT 2.07g	
		CUSTOMER DRAWING	SCALE 4:1 | SHEET 2 OF 2 | REV B9

Section 2

Engineering Change Documents

Section 3

Customer Engineering Approval

Product Change Nofic aon

Current Date: 13-Jan-2021

TE Connecvity

Product Change Nofic aon: P-21-020250 **PCN Date:** 05-JAN-21

TE would like to inform you of the following change(s) to the listed TE Connecvity Pr oduct. In case of any further quesons about this chang e(s), please contact your TE Connecvity Sales Engineer . Affected part, drawing and/or specificaon number s are listed on the a ached sheet(s).

General Product Descripon:
2 Pos Sld 1.2mm cb MCON Per Seal 40 Duro

Descripon of Chang es
TE is building 2 new, capacity HCR molds for the peripheral seal used in the MCON plug assembly part numbers listed on the next tab. These seal molds will be located at an outside supplier. No change to finished good shipping locaon. No chang e to fit, form or funcon.

Reason for Changes:	
Product improvement. Increase capacity to meet customer demand.	
Esma ted Dates:	
Last Order Date (Obsolete Parts Only):	**First Date To Ship** (Changed Parts Only):
	23-JUL-2021
Last Ship Date (Obsolete Parts Only):	**Last Date for Mixed Shipments:** (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Disconnued per PCN	Customer Drawing	Alias Part Number(s)	Substut e Part Number	Substut e Alias Part Number(s)	Descripon Of Difference
1-1924067-1	NO					
1-1924067-2	NO					
1-1924067-3	NO					
1-1924067-4	NO					
1-1924067-5	NO					
1-1924067-6	NO					
1-1924067-9	NO					
1-2203769-1	NO					
1-2203769-2	NO					
1-2203769-3	NO					
1-2291436-1	NO					
1-2296694-1	NO					
1-2296694-2	NO					
1-2296694-3	NO					
1-2296702-1	NO					
1-2296702-2	NO					
1924957-2	NO					
2-1924067-0	NO					
2098557-1	NO					
2098557-2	NO					
2098557-4	NO					
2098557-7	NO					
2098641-1	NO					
2098641-2	NO					
2098641-5	NO					
2098641-6	NO					
2203769-1	NO					
2203769-3	NO					
2203804-1	NO					
2203804-2	NO					
2296694-1	NO					
2296694-2	NO					
2296698-1	NO					
2296698-2	NO					

Part Number	Part Disconnued per PCN	Customer Drawing	Alias Part Number(s)	Substut e Part Number	Substut e Alias Part Number(s)	Descripon Of Difference
2296702-1	NO					
4-1924067-1	NO					
4-1924067-2	NO					
4-2098557-1	NO					
4-2098557-2	NO					
4-2098641-1	NO					
4-2098641-2	NO					
4-2272003-1	NO					
4-2272003-2	NO					
4-2272003-3	NO					
4-2272003-4	NO					
4-2272003-5	NO					

Section 4

Design FMEA

See Section A for nondisclosure conditions.
The Design FMEA, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.

Section 5

Process Flow Diagram

See Section A for nondisclosure conditions.
The Process Flow Diagram, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.

Section 6

Process FMEA

See Section A for nondisclosure conditions.
The Process FMEA, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.

Section 7

Control Plan

See Section A for nondisclosure conditions.
The Control Plan, if included, is a Class II confidential document belonging to TE Connectivity. A class II document may not be further distributed and is subject to the conditions of the nondisclosure agreement.

Section 8

Measurement System Analysis

Not Applicable

Section 9

Dimensional Results

Production Part Approval

DIMENSIONAL TEST RESULTS

ACT-1173

TE Connectivity-Empalme is accredited by ANSI-ASQ National Accreditation Board for ISO/IEC 17025 under a defined calibration and/or testing scope.

Organization: TE Connectivity

Supplier/Vendor Code: N/A

INSPECTION FACILITY:

TE Connectivity Empalme Metrology lab

Part Number: 2098557-1

Part Name: CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION, HIGH TEMP

Design Record Change Level: DWG: C-2098557 REV.A5

Engineering Change Documents: N/A

Folio: 54720 Seal Mold 21-1958160 Page ___1___ of ___3___

Item	Dim./Spec.	Spec. / Limits tol + tol -	Units	Organization Measurement Results (Data) SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	SAMPLE 6	Ok	Not Ok	Instrument # ID
1	26.5	REFERENCE	mm.	26.535	26.526	26.518	26.513	26.518	26.507	✔		LMMC-010
2	15.8	REFERENCE	mm.	15.827	15.796	15.672	15.839	15.787	15.778	✔		LMMC-010
3	14.8	REFERENCE	mm.	14.802	14.769	14.805	14.788	14.831	14.758	✔		LMMC-010
4	15.6	REFERENCE	mm.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
5	2	REFERENCE	mm.	2.249	2.015	2.244	2.028	2.045	2.051	✔		LMMC-010
6	2	REFERENCE	mm.	1.799	1.662	1.720	1.959	1.958	1.925	✔		LMMC-010
7	12.7	REFERENCE	mm.	12.628	12.664	12.651	12.665	12.692	12.669	✔		LMMC-010
8	10.58	REFERENCE	mm.	10.575	10.575	10.638	10.554	10.548	10.553	✔		LMMC-010
9	15	REFERENCE	mm.	14.906	14.897	14.967	14.975	14.964	14.986	✔		LMMC-010
10	8.58	REFERENCE	mm.	8.590	8.578	8.583	8.592	8.601	8.591	✔		LMMC-010
11	10.55	REFERENCE	mm.	10.556	10.583	10.547	10.528	10.517	10.520	✔		LMMC-010
	10.55	REFERENCE	mm.	10.546	10.572	10.533	10.539	10.509	10.502	✔		
12	20.7	MINIMUM	mm.	OK	OK	OK	OK	OK	OK	✔		LMMC-010
	NOTES:											
1	PART NUMBER 2098557 - 4 SHOWN ON DRAWING.			OK	OK	OK	OK	OK	OK	✔		
2	TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE - LATCHED POSITIONS. SEE INSTRUCTION SHEET 408 - 8968 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE - LATCHED POSITION IF NECESARY.			OK	OK	OK	OK	OK	OK	✔		
3	TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TE MCON 1.2 - CB(CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.			NOTED PER APQP TEAM						✔		
4	APPLICABLE HEADER INTERFACE DRAWING 114 - 18679 - 3 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TE CONNECTIVITY PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTIVE ON CUSTOMER SERVICE.			OK	OK	OK	OK	OK	OK	✔		
5	MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.			OK	OK	OK	OK	OK	OK	✔		

SIGNATURE	TITLE	DATE
Omar Sánchez	Metrology Chief	May 3, 2021

Production Part Approval

DIMENSIONAL TEST RESULTS

TE Connectivity-Empalme is accredited by ANSI-ASQ National Accreditation Board for ISO/IEC 17025 under a defined calibration and/or testing scope.

ACT-1173

Organization: TE Connectivity	Part Number: 2098557-1
Supplier/Vendor Code: N/A	Part Name: CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION, HIGH TEMP
INSPECTION FACILITY: TE Connectivity Empalme Metrology lab	Design Record Change Level: DWG: C-2098557 REV.A5
	Engineering Change Documents: N/A
	# Folio: 54720 Page ___2___ of ___3___

Item	Dim./Spec.	Spec. / Limits tol +	tol -	Units	Organization Measurement Results (Data) SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	SAMPLE 6	Ok	Not Ok	Instrument # ID
6	TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.				OK	OK	OK	OK	OK	OK	✔		
7	NOTE LEFT BLANK INTENTIONALY.				NOTED PER APQP TEAM						✔		
8	PART NUMBERS 2098557-7, -8 INNER HOUSING ARE ASSEMBLED 180º.				OK	OK	OK	OK	OK	OK	✔		
9	NOTE LEFT BLANK INTENTIONALY.				NOTED PER APQP TEAM						✔		
10	NOTE DELETED				OK	OK	OK	OK	OK	OK	✔		
11	TPA ENGAGE FORCE FOR KEYS A, B, C: PRESET TO FULL ≥ 2N AND ≤ 60N. TPA ENGAGE FORCE FOR KEYS E, F: PRESET TO FULL ≥ 1.9N AND ≤ 60N.				NOTED PER APQP TEAM						✔		
12	TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET ≥ 2N AND ≤ 60N.				NOTED PER APQP TEAM						✔		
13	CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONNECTORS MATED ≥ 40N .				NOTED PER APQP TEAM						✔		
14	CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED < 30N .				NOTED PER APQP TEAM						✔		
15	POLARIZATION FEATURE EFFECTIVENESS: CONNECTOR MATED TURNED 180°NO MATING > 125N. WRONG KEYING NO MATING > 125N.				NOTED PER APQP TEAM						✔		
16	VALIDATED UP TO USCAR - 2 TEMPERATURE CLASS IV				OK	OK	OK	OK	OK	OK	✔		
17	SEE INSTRUCTION SHEET 408 - 8928.				NOTED PER APQP TEAM						✔		
18	ICD IS DEPENDENT UPON WIRE INSULATION TYPE AND OD. MUST BE SUFICIENT TO GRIP SEAL SO IT DOES NOT SLIDE OUT OF INSULATION CRIMP WHEN INSERTING INTO CONNECTOR CAVITY BUT NOT TEAR THE SEAL.				NOTED PER APQP TEAM						✔		
19	REFERENCE SHEET 2 FOR ISOMETRIC VIEWS.				NOTED PER APQP TEAM						✔		

SIGNATURE	TITLE	DATE
Omar Sánchez	Metrology Chief	May 3, 2021

Production Part Approval

DIMENSIONAL TEST RESULTS

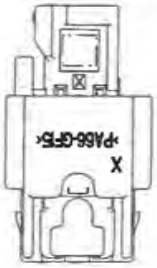
TE Connectivity-Empalme is accredited by ANSI-ASQ National Accreditation Board for ISO/IEC 17025 under a defined calibration and/or testing scope.

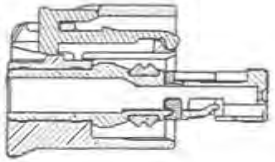
ACT-1173

Organization: TE Connectivity	Part Number: 2098557-1
Supplier/Vendor Code: N/A	Part Name: CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION, HIGH TEMP
INSPECTION FACILITY: TE Connectivity Empalme Metrology lab	Design Record Change Level: DWG: C-2098557 REV.A5
	Engineering Change Documents: N/A
	# Folio: 54720 Page ___3___ of ___3___

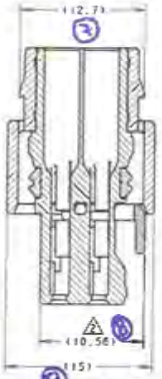
Item	Dim./Spec.	Spec. / Limits tol +	Spec. / Limits tol -	Units	Organization Measurement Results (Data) SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	SAMPLE 6	Ok	Not Ok	Instrument # ID
	Applies to all part numbers as noted:				**CONCLUSION:**								
	~~X-2098557-X~~ 2098557-X				TOTAL # OF FEATURES					66			
	~~X-2272003-X~~ 2272003-X				LESS BASIC DIMENSIONS					0			
	~~X-1924067-X~~ 1924067-X				LESS REFERENCE DIMENSIONS					60			
	~~X-2098641-X~~ 2098641-X				REPORTED DIMENSIONS					6			
	- Stacie Ice 06May2021 TE Sustaining Product Engineer				# DIMENSIONS IN TOLERANCE					6			
					# DIMENSIONS OUT OF TOLERANCE					0			
					% DIMENSION IN TOLERANCE					100.00 %			
					% DIMENSION OUT OF TOLERANCE					0.00 %			

SIGNATURE	TITLE	DATE
Omar Sánchez	Metrology Chief	May 3, 2021

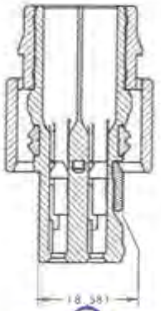




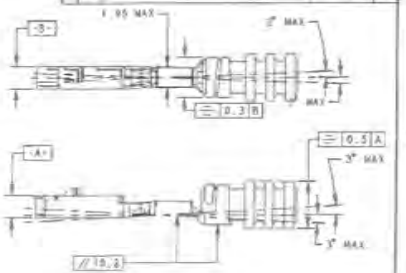
SECTION B-B
SHOWN WITH CPA (WHEN APPLICABLE) IN IT'S LATCHED POSITION FOR REFERENCE ONLY

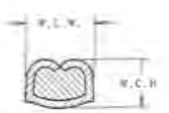


SECTION A-A



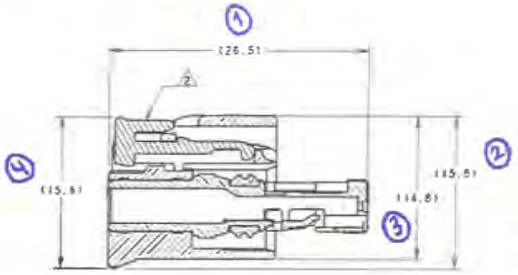
SECTION A-A
SHOWN WITH TPA IN IT'S LATCHED POSITION FOR REFERENCE ONLY



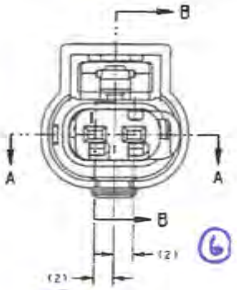


WIRE CRIMP DIMENSIONS

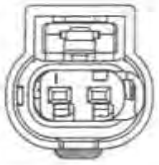
INSULATION CRIMP DIMENSIONS



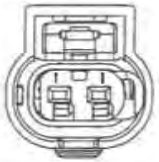
SECTION B-B



KEYING CONFIGURATIONS



KEYING OPTION A



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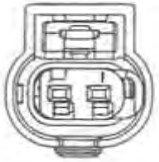
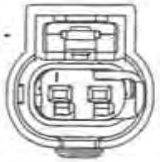


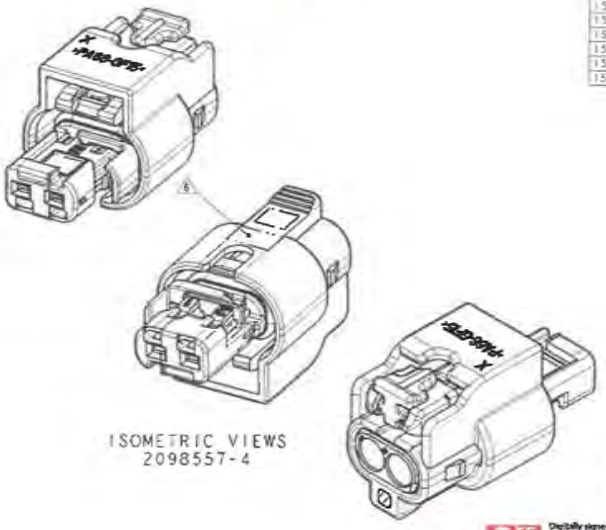
KEYING OPTION C

KEYING OPTION E



KEYING OPTION F

1. PART NUMBER 2098557-4 SHOWN ON DRAWING.
2. TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8968 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE-LATCHED POSITION, IF NECESSARY.
3. TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TE MCON 1.2-CB (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.
4. APPLICABLE HEADER INTERFACE DRAWING (14-18979-3 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TE CONNECTIVITY PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTATIVE OR CUSTOMER SERVICE.
5. MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.
6. TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.
7. NOTE LEFT BLANK INTENTIONALLY.
8. PART NUMBERS 2098553-2, -3 (INNER HOUSING ARE ASSEMBLED 180°
9. NOTE LEFT BLANK INTENTIONALLY
10. NOTE DELETED
11. TPA ENGAGE FORCE FOR KEYS A, B, C: PRESET TO FULL ≥ 2N AND ≤ 66N. TPA ENGAGE FORCE FOR KEYS E, F: PRESET TO FULL ≥ 1.5N AND ≤ 66N.
12. TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET ≥ 2N AND ≤ 60N.
13. CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONNECTORS MATED ≥ 40N.
14. CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED < 30N
15. POLARIZATION FEATURE EFFECTIVENESS:
    CONNECTOR MATED TURNED 150° NO MATING > 125N.
    WRONG KEYING NO MATING > 125N.
16. VALIDATED UP TO USCAR-2 TEMPERATURE CLASS 1W.
17. SEE INSTRUCTION SHEET 408-8920.
18. ICD IS DEPENDENT UPON WIRE INSULATION TYPE AND OD. MUST BE SUFFICIENT TO GRIP SEAL SO IT DOES NOT SLIDE OUT OF INSULATION CRIMP WHEN INSERTING INTO CONNECTOR CAVITY BUT NOT TEAR THE SEAL.
19. REFERENCE SHEET 2 FOR ISOMETRIC VIEWS.



ISOMETRIC VIEWS
2098557-4

MAX TEMP	FEMALE TERMINAL PN	TERMINAL PLATING	AWG	APPLICABLE WIRE FINISHED O.D.	W.C.W.	W.C.H.	I.C.D.	WIRE SEAL PART NUMBER
125C	1670146-1	TIN	20	1.40 - 1.90mm	0.84 ±0.03	1.57 ±0.05	3.25 ±0.05	967067-1
125C	1670146-2	GOLD	20	1.40 - 1.90mm	0.84 ±0.03	1.57 ±0.05	3.25 ±0.05	967067-1
125C	1670146-3	SILVER	20	1.40 - 1.90mm	0.84 ±0.03	1.57 ±0.05	3.25 ±0.05	967067-1
125C	1418850-1	TIN	18	1.90 - 2.40mm	1.11 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-1	TIN	16	1.90 - 2.40mm	1.31 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-2	GOLD	18	1.90 - 2.40mm	1.11 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-2	GOLD	16	1.90 - 2.40mm	1.31 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-3	SILVER	18	1.90 - 2.40mm	1.11 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-3	SILVER	16	1.90 - 2.40mm	1.31 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
150C	1670146-2	GOLD	20	1.40 - 1.90mm	0.84 ±0.03	1.57 ±0.05		2098582-1
150C	1670146-3	SILVER	20	1.40 - 1.90mm	0.84 ±0.03	1.57 ±0.05		2098582-1
150C	1418850-2	GOLD	18	1.40 - 1.90mm	1.11 ±0.05	1.78 ±0.05	18	2098582-1
150C	1418850-2	GOLD	16	1.40 - 1.90mm	1.31 ±0.05	1.78 ±0.05		2098582-1
150C	1418850-3	SILVER	18	1.40 - 1.90mm	1.11 ±0.05	1.78 ±0.05		2098582-1
150C	1418850-3	SILVER	16	1.40 - 1.90mm	1.31 ±0.05	1.78 ±0.05		2098582-1

STATUS	CPA COLOR	CPA PART NO	INNER HOUSING COLOR	INNER HOUSING REV	PART NUMBER
RELEASED	RED	2138907-1	BROWN	F	4-2098557-5
RELEASED	RED	2138907-1	BROWN	E	4-2098557-4
RELEASED	RED	2138907-1	BROWN	C	4-2098557-3
RELEASED	RED	2138907-1	BROWN	B	4-2098557-2
RELEASED	RED	2138907-1	BROWN	A	4-2098557-1
RELEASED	RED	1488787-1	BROWN	A	2098557-8
RELEASED			BROWN	A	2098557-7
RELEASED	RED	1488787-1	BROWN	C	2098557-6
RELEASED	RED	1488787-1	BROWN	B	2098557-5
RELEASED	RED	1488787-1	BROWN	A	2098557-4
RELEASED			BROWN	C	2098557-3
RELEASED		-	BROWN	B	2098557-2
RELEASED		-	BROWN	A	2098557-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

Digitally signed by Gladys Garcia
Date: 2021.05.03 13:30:11 -07'07'

TE Connectivity

CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION, HIGH TEMP

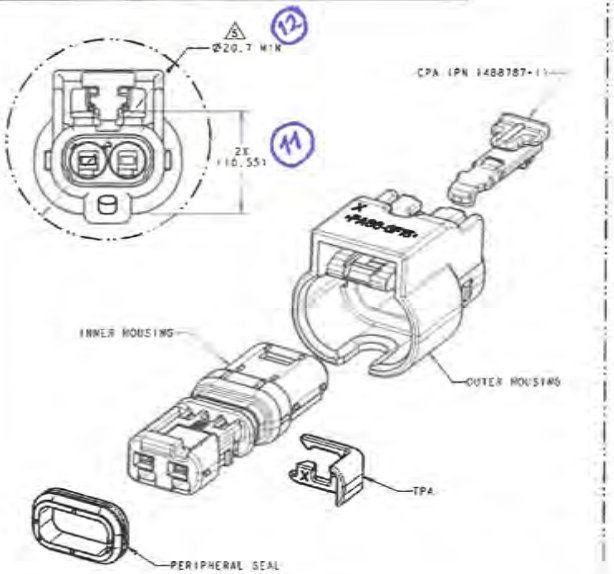
SIZE TABLE

2.07gms

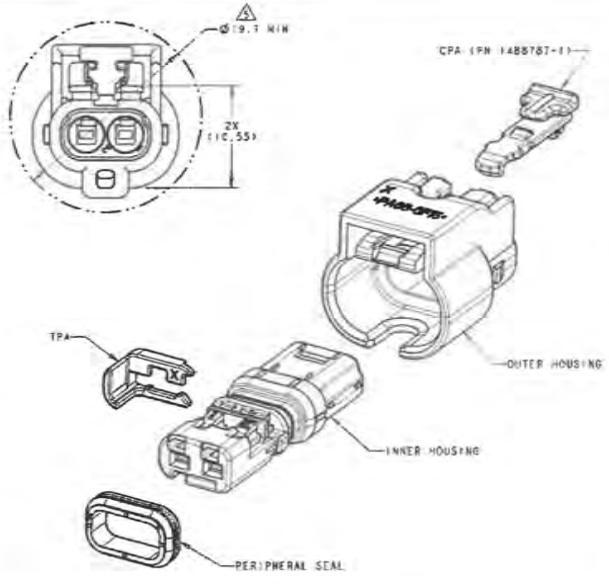
CUSTOMER DRAWING

A | 0779 | C | 2098557

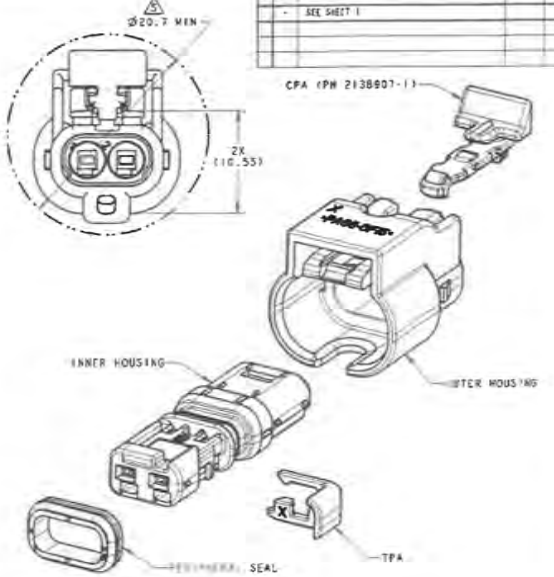
SCALE 4:1 SHEET 1 OF 1 A3



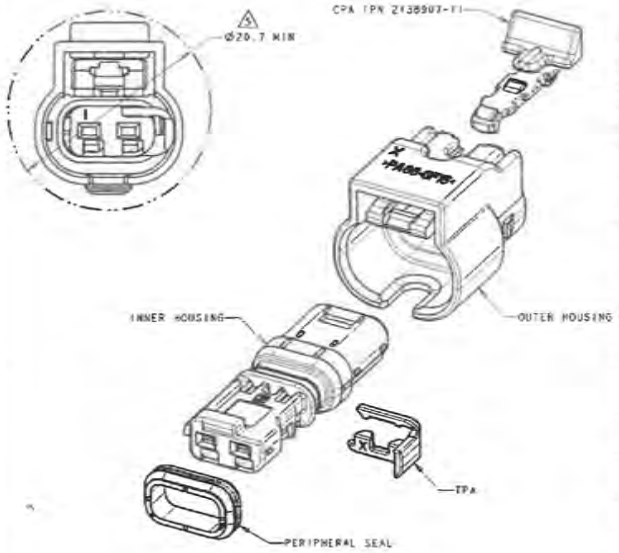
2098557-4
EXPLODED ISOMETRIC VIEW



2098557-8
EXPLODED ISOMETRIC VIEW



4-2098557-1
EXPLODED ISOMETRIC VIEW



4-2098557-4
EXPLODED ISOMETRIC VIEW

Digitally signed by Gladys Garcia
Date: 2021.05.05 13:30:21 -07'00'

CONNECTOR ASSEMBLY,
FEMALE, 2 POSITION SEALED, 1.2mm
STANDARD LATCH VERSION, HIGH TEMP

A | 80779 | 2098557

2.07gms

CUSTOMER DRAWING

SEE TABLE

Production Part Approval

DIMENSIONAL TEST RESULTS

ACT-1173

TE Connectivity-Empalm accredited by ANSI-ASQ Accreditation Board for IS 17025 under a defined cal and/or testing scope.

Organization: TE Connectivity

Supplier/Vendor Code: N/A

INSPECTION FACILITY:

TE Connectivity Empalme Metrology lab

Part Number: 2098557-1

Part Name: CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION, HIGH TEMP

Design Record Change Level: C-2098557 REV.A5

Engineering Change Documents: N/A

Folio: 54721 Seal Mold 21-1958161 Page ___1___ of ___2___

Item	Dim./Spec.	Spec. / Limits tol +	Spec. / Limits tol -	Units	Organization Measurement Results (Data) SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	SAMPLE 6	Ok	Not Ok	Instrument # ID
1	12.7	REF	REF	mm.	12..614	12.568	12.606	12.604	12.603	12.570	✔		LMMC-009
2	10.58	REF	REF	mm.	10.483	10.436	10.482	10.639	10.434	10.392	✔		LMMC-009
3	15	REF	REF	mm.	14.910	14.938	14.895	15.033	14.943	14.883	✔		LMMC-009
4	8.58	REF	REF	mm.	8.511	8.617	8.453	8.522	8.535	8.633	✔		LMMC-009
5	26.5	REF	REF	mm.	26.391	26.440	26.465	26.348	26.391	26.297	✔		LMMC-009
6	15.6	REF	REF	mm.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
7	14.8	REF	REF	mm.	14.653	14.637	14.361	14.660	14.550	14.646	✔		LMMC-009
8	15.8	REF	REF	mm.	15.927	15.677	15.933	15.792	15.679	15.828	✔		LMMC-009
9	2	REF	REF	mm.	2.341	2.340	2.320	2.256	2.359	2.346	✔		LMMC-009
10	2	REF	REF	mm.	1.882	1.839	1.845	1.901	1.816	1.858	✔		LMMC-009
11	20.7	MIN	MIN	mm.	OK	OK	OK	OK	OK	OK	✔		LMMC-009
12	10.55	REF	REF	mm.	10.872	11.181	11.120	11.235	11.099	11.048	✔		LMMC-009
	10.55	REF	REF	mm.	10.708	11.131	11.111	11.406	11.164	11.051	✔		LMMC-009
	NOTES:												
1	PART NUMBER 2098557 - 4 SHOWN ON DRAWING.				OK	OK	OK	OK	OK	OK	✔		
2	TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE - LATCHED POSITIONS. SEE INSTRUCTION SHEET 408 - 8968 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE - LATCHED POSITION IF NECESARY.				OK	OK	OK	OK	OK	OK	✔		
3	TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TE MCON 1.2 - CB(CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.				NOTED PER APQP TEAM						✔		
4	APPLICABLE HEADER INTERFACE DRAWING 114 - 18679 - 3 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TE CONNECTIVITY PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTIVE ON CUSTOMER SERVICE.				OK	OK	OK	OK	OK	OK	✔		
5	MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.				OK	OK	OK	OK	OK	OK	✔		
6	TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.				OK	OK	OK	OK	OK	OK	✔		

SIGNATURE	TITLE	DATE
OMAR SANCHEZ	Metrology Chief	May 4, 2021

Production Part Approval

DIMENSIONAL TEST RESULTS

Organization: TE Connectivity

N/A

TE Connectivity Empalme Metrology lab

Part Number: 2098557-1

Part Name: CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION, HIGH TEMP

Design Record Change Level: C-2098557 REV A

Engineering Change Documents:

Folio: 48207

ACT-1173

TE Connectivity-Emp
accredited by ANSI-A
Accreditation Board fo
17025 under a defined
and/or testing scope.

Item	Dim./Spec.	Spec. / Limits tol +	tol -	Units	Organization Measure (Data) SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	SAMPLE 6	Ok	Ok	# ID
7	NOTE LEFT BLANK INTENTIONALY.				NOTED PER APQP TEAM						✔		
8	PART NUMBERS 2098557-7, -8 INNER HOUSING ARE ASSEMBLED 180º.				OK	OK	OK	OK	OK	OK	✔		
9	NOTE LEFT BLANK INTENTIONALY.				NOTED PER APQP TEAM						✔		
10	NOTE DELETED				OK	OK	OK	OK	OK	OK	✔		
11	TPA ENGAGE FORCE FOR KEYS A, B, C: PRESET TO FULL ≥ 2N AND ≤ 60N. TPA ENGAGE FORCE FOR KEYS E, F: PRESET TO FULL ≥ 1.9N AND ≤ 60N.				NOTED PER APQP TEAM						✔		
12	TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET ≥ 2N AND ≤ 60N.				NOTED PER APQP TEAM						✔		
13	CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONNECTORS MATED ≥ 40N .				NOTED PER APQP TEAM						✔		
14	CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED < 30N .				NOTED PER APQP TEAM						✔		
15	POLARIZATION FEATURE EFFECTIVENESS: CONNECTOR MATED TURNED 180° NO MATING > 125N. WRONG KEYING NO MATING > 125N.				NOTED PER APQP TEAM						✔		
16	VALIDATED UP TO USCAR - 2 TEMPERATURE CLASS IV				OK	OK	OK	OK	OK	OK	✔		
17	SEE INSTRUCTION SHEET 408 - 8928.				NOTED PER APQP TEAM						✔		
18	ICD IS DEPENDENT UPON WIRE INSULATION TYPE AND OD. MUST BE SUFICIENT TO GRIP SEAL SO IT DOES NOT SLIDE OUT OF INSULATION CRIMP WHEN INSERTING INTO CONNECTOR CAVITY BUT NOT TEAR THE SEAL.				NOTED PER APQP TEAM						✔		
19	REFERENCE SHEET 2 FOR ISOMETRIC VIEWS.				NOTED PER APQP TEAM						✔		

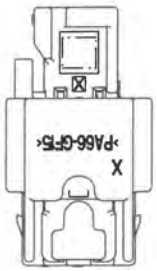
Applies to all part numbers as noted:
X-2098557-X
2098557-X
X-2272003-X
2272003-X
X-1924067-X
1924067-X
X-2098641-X
2098641-X

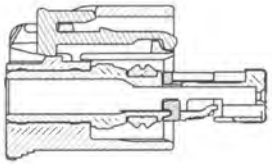
- Stacie Ice 06May2021
TE Sustaining Product Engineer

CONCLUSION:

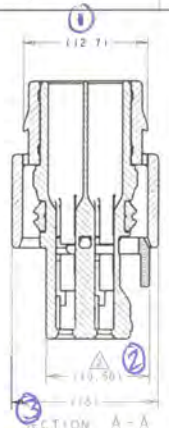
TOTAL # OF FEATURES	72	
LESS BASIC DIMENSIONS	0	
LESS REFERENCE DIMENSIONS	66	
REPORTED DIMENSIONS		6
# DIMENSIONS IN TOLERANCE		6
# DIMENSIONS OUT OF TOLERANCE		0
% DIMENSION IN TOLERANCE		100.00 %
% DIMENSION OUT OF TOLERANCE		0.00 %

SIGNATURE	TITLE	DATE
OMAR SANCHEZ	Metrology Chief	May 4, 2021

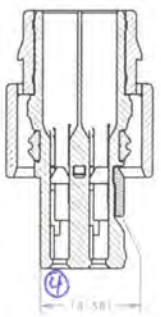




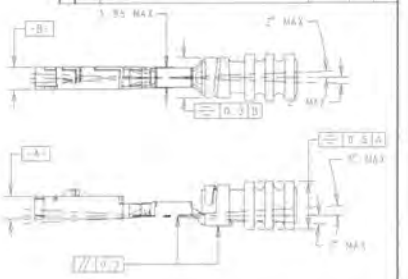
SECTION B-B
SHOWN WITH CPA (WHEN APPLICABLE) IN IT'S LATCHED POSITION FOR REFERENCE ONLY

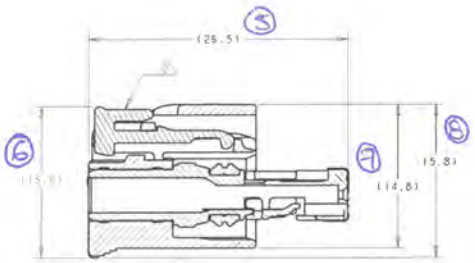


SECTION A-A

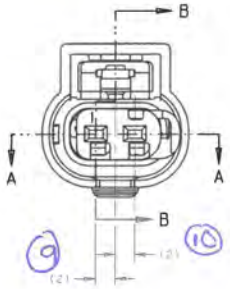


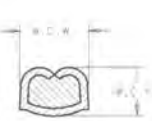
SECTION A-A
SHOWN WITH TPA IN IT'S LATCHED POSITION FOR REFERENCE ONLY





SECTION B-B



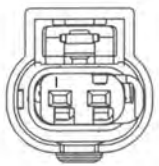


WIRE CRIMP DIMENSIONS

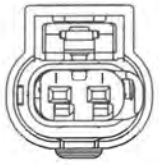
INSULATION CRIMP DIMENSIONS

MAX TEMP	FEMALE TERMINAL PN	TERMINAL PLATING	AWG	APPLICABLE WIRE FINISHED O.D	W.C.W	W.C.H	I.C.D	WIRE SEAL PART NUMBER
125C	1670145-1	TIN	20	1.40 - 1.90mm	0.64 ±0.03	1.57 ±0.05	3.25 ±0.05	9610R7-1
125C	1670146-2	GOLD	20	1.40 - 1.90mm	0.64 ±0.03	1.57 ±0.05	3.25 ±0.05	9610R7-1
125C	1670146-3	SILVER	20	1.40 - 1.90mm	0.64 ±0.03	1.57 ±0.05	3.25 ±0.05	9610R7-1
125C	1418850-1	TIN	18	1.90 - 2.40mm	1.11 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-1	TIN	16	1.90 - 2.40mm	1.31 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-2	GOLD	18	1.90 - 2.40mm	1.11 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-2	GOLD	16	1.90 - 2.40mm	1.31 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-3	SILVER	18	1.90 - 2.40mm	1.11 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
125C	1418850-3	SILVER	16	1.90 - 2.40mm	1.31 ±0.05	1.78 ±0.05	3.35 ±0.05	964972-1
150C	1670146-2	GOLD	20	1.40 - 1.90mm	0.64 ±0.03	1.57 ±0.05		2098582-1
150C	1670146-3	SILVER	20	1.40 - 1.90mm	0.64 ±0.03	1.57 ±0.05		2098582-1
150C	1418850-2	GOLD	18	1.40 - 1.90mm	1.11 ±0.05	1.78 ±0.05		2098582-1
150C	1418850-2	GOLD	16	1.40 - 1.90mm	1.31 ±0.05	1.78 ±0.05		2098582-1
150C	1418850-3	SILVER	18	1.40 - 1.90mm	1.11 ±0.05	1.78 ±0.05		2098582-1
150C	1418850-3	SILVER	16	1.40 - 1.90mm	1.31 ±0.05	1.78 ±0.05		2098582-1

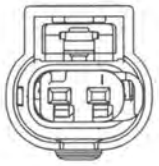
KEYING CONFIGURATIONS



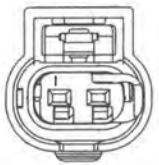
KEYING OPTION A



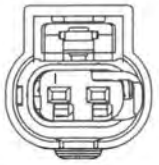
KEYING OPTION B



KEYING OPTION C

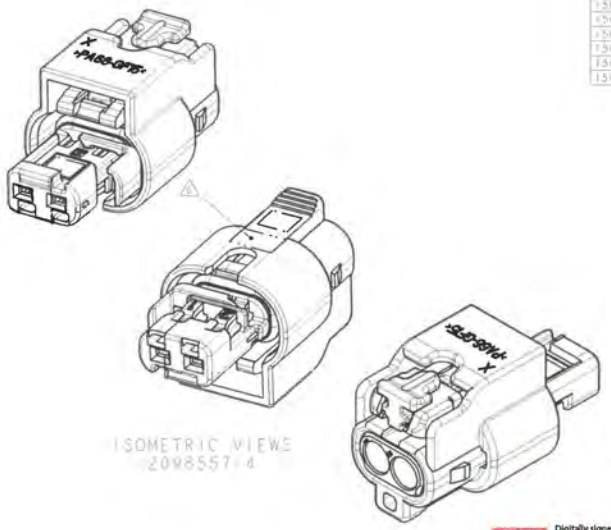


KEYING OPTION E



KEYING OPTION F

1. PART NUMBER 2098557-4 SHOWN ON DRAWING.
2. CPA AND TPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-9988 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE FULLY LATCHED POSITION IS NECESSARY.
3. TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TE MCON 1.2 I.D (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.
4. APPLICABLE HEADER INTERFACE DRAWING 114-18079-5 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TE CONNECTIVITY PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTIVE OR CUSTOMER SERVICE.
5. MINIMUM ITEM THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.
6. IRREADABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.
7. NOTE LEFT BLANK INTENTIONALLY.
8. PART NUMBERS 2098557-7 -8 SHOWS HOUSING ARE DISSIMILAR TPA.
9. NOTE LEFT BLANK INTENTIONALLY.
10. NOTE DELETED.
11. TPA ENGAGE FORCE FOR KEYS A, B, C, PRESET TO FULL = 2N AND ≤ 30N. TPA ENGAGE FORCE FOR KEYS E, F, PRESET TO FULL ≥ 1 KN AND ≤ 60N.
12. TPA DISENGAGE FORCE: DISENGAGE FROM FULL TO PRESET = 2N AND = 60N.
13. CPA ENGAGE FORCE: PRESET TO FULL WITHOUT CONNECTORS MATED = 40N.
14. CPA ENGAGE FORCE: PRESET TO FULL WITH CONNECTORS MATED = 30N.
15. POLARIZATION FEATURE EFFECTIVENESS:
    CONNECTOR MATED TURNED 180° NO MATING - 125N
    WRONG KEYING NO MATING - 125N.
16. VALIDATED UP TO USCAR-2 TEMPERATURE CLASS IV.
17. SEE INSTRUCTION SHEET 408-9929.
18. ICD IS DEPENDENT UPON WIRE INSULATION TYPE AND OD, MUST BE SUFFICIENT TO GRIP SEAL SO AT DOES NOT SLIDE OUT OF INSULATION CRIMP WHEN INSERTING INTO CONNECTOR CAVITY BUT NOT TEAR THE SEAL.
19. REFERENCE SHEET 2 FOR ISOMETRIC VIEWS.



ISOMETRIC VIEWS
2098557-4

STATUS	CPA COLOR	CPA PART NO.	INNER HOUSING COLOR	INNER HOUSING KEY	PART NUMBER
RELEASED	RED	2138907-1	BROWN	F	4-2098557-5
RELEASED	RED	2138907-1	BROWN	E	4-2098557-6
RELEASED	RED	2138907-1	BROWN	C	4-2098557-3
RELEASED	RED	2138907-1	BROWN	B	4-2098557-2
RELEASED	RED	2138907-1	BROWN	A	4-2098557-1
RELEASED	RED	1488787-1	BROWN	A	2098557-8
RELEASED			BROWN	A	2098557-7
RELEASED	RED	1488787-1	BROWN	C	2098557-6
RELEASED	RED	1488787-1	BROWN	B	2098557-5
RELEASED	RED	1488787-1	BROWN	A	2098557-4
RELEASED	-	-	BROWN	C	2098557-3
RELEASED	-	-	BROWN	B	2098557-2
RELEASED	-	-	BROWN	A	2098557-1

Digitally signed by Gladys Garcia
Date: 2021.05.03 13:30:11 -07'00'

THIS DRAWING IS A CONTROLLED DOCUMENT

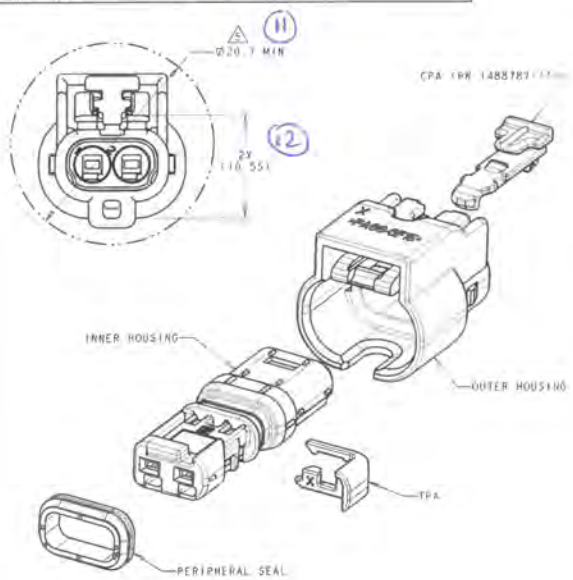
TE Connectivity

CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION, HIGH TEMP

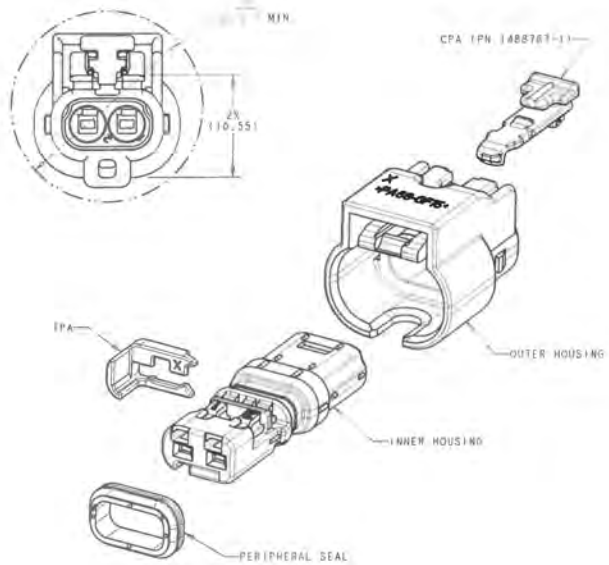
PART NO. 2098557 REVISION A6

CUSTOMER DRAWING

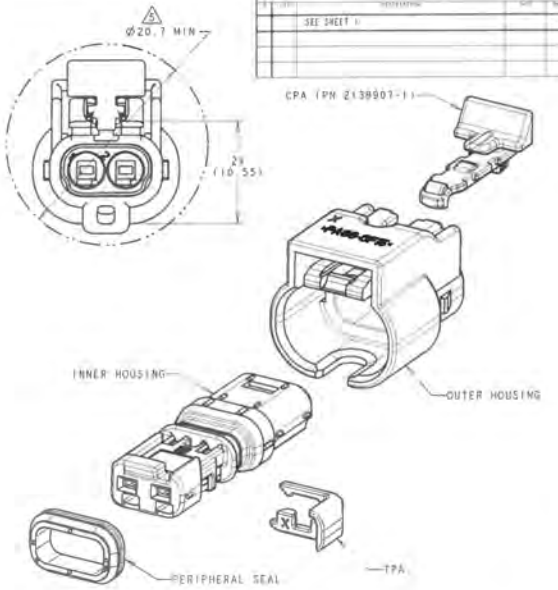
SIZE B-1 SHEET 1 OF 2 REV A6



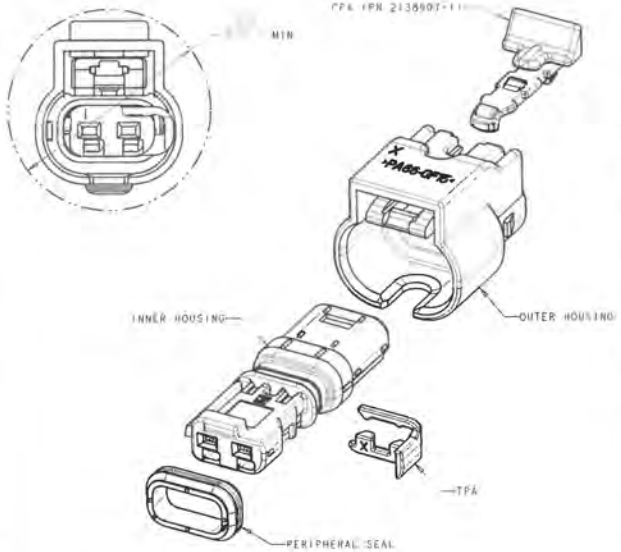
2098557-4
EXPLODED ISOMETRIC VIEW



2098557-8 ⚠
EXPLODED ISOMETRIC VIEW



4-2098557-1
EXPLODED ISOMETRIC VIEW



4-2098557-4
EXPLODED ISOMETRIC VIEW

Digitally signed by Gladys Garcia
Date: 2021.05.03 13:30:21 -07'00'

THIS DRAWING IS A CONTROLLED DOCUMENT

TE Connectivity

CONNECTOR ASSEMBLY, FEMALE, 2 POSITION SEALED, 1.2mm STANDARD LATCH VERSION, HIGH TEMP

SEE TABLE

2.07grms

CUSTOMER DRAWING

SIZE A1 | CAGE CODE 0779C | DRAWING NO 2098557 | REV A6

SCALE 4:1 | SHEET 1 OF 2

Section 10

Material, Performance Test Results

BASF CORPORATION

We create chemistry

Certificate of Analysis

Customer:

TE CONNECTIVITY CORPORATION
8350 E OLD VAIL RD
TUCSON AZ 85747-9197

Attention: BASFORDERINFO@TE.COM
eMAIL: basforderinfo@te.com
Cust Prod: 1573718-1
Cust Prod Name: ULT.A3WZG3 R01 BK3007 726KG 11G
Cust P.O.: 2715554388
Cust P.O. Line: 1

Inspection Certificate 3.1 according to EN 10204

Product Number : 50534896
Product Name : ULTRAMID*A3WZG3 R01 BLACK 3007 POLYAMIDE 726KG Fibreboard IBC
Vehicle :
Batch/Lot : 0209437927
Manuf.Date : Feb-01-2021
Shipped Date : May-17-2021
Shipped Quantity : 1,600.556 LB
Delivery Date : May-21-2021
Order Number : 118066112 000010
Delivery Note : 145511652 900002

Characteristic	Result	UOM	-----Specification----- Minimum	Maximum	Test Method
Ash / Filler Content	12.81	%	11.00	15.00	ASTM5630/ISO3451
Moisture Content	0.06	%		0.20	ASTM D6869 / ISO 15512B
MFR 280/2.16	13.00	g/10min	2.00	14.00	ASTM D1238A

Comments :

Results shown are the means of individual test values for those samples taken during production of the lot specified.

This product is approved for the following specification:

MS-DB41 CPN# 2184
ASTM D6779 PA016G15Z1

SIMTEC Silicone Parts, LLC
9658 Premier Parkway
Miramar FL 33025
954-656-4212

CERTIFICATE OF CONFORMANCE

DATE: 7/28/2020

Pack Slip No: 8183

Customer: TE Connectivity

Customer PO: 2712164458

Customer. Part Number	Customer Desccription	Rev.
1924957-2	PERIMETER SEAL ID 6.8 40 LIGHT BLUE	A

Part No. FG-010-00078	**Description** PERIMETER SEAL, FEMALE, 2 POSITION, SEALED,
Rev A	
Total Shipped 520,000	**FG Lot Number** 00727144611

COMPONENTS

Item Number	Description	Lot Number
PL-010-00001	Elastosil LR 3088/40 NM	404481
PL-040-00042	DTCOLOR Blue K-76411	29619

Additional information about materials used in these production lots may be found on the Certificate of Analysis (COA) associated with this shipment and referenced by material Lot Number.

The year and month of part production is indicated as part of the SIMTEC lot # in the format YMMDDHHidid, with the digits Y indicating the year, and the MM indicating the month. The Lot number is located on the box label.

This is to certify that the parts indicated above conform to all of the requirements of the current revision of the part specification, were produced following the current revision of the Control Plan for the part and were manufactured in conformance with our quality standard based on the latest version of ISO 9001, IATF 16949 and ISO 13485.

Based on information received from our suppliers, the products comply with the regulatory standards outlined below.

REACH
Registration, Evaluation, and Authorization of Chemicals under the European
Regulation EC/1907/2006 addresses the high volume chemical substances marketed in the EU to determine what their commercial uses are and to ensure that those chemicals are properly managed.
Currently, REACH has identified a list of **Substances of Very High Concern (SVHC)**. The SVHC must not be present or present at less than 0.1% per weight. This list will vary as the EU reviews how chemical substances impact their community.

.

RoHS
Restriction of the use of certain Hazardous Substances (RoHS) in electrical and electronic equipment. (European Directive 2011/65/EU, as amended)
Restricted substances are:

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd) (.01% concentration)
- Hexavalent Chromium (CR(Vi))
- Bromine-Containing flame retardants
- PBB (polybrominated bipheyls)
- PBDE (polybrominated diphenyl ethers)
- Bis(2-Ethylhexyl) phthalate (DEHP)
- Benzyl butyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)

Rubber Latex Content
No additional natural or synthetic rubber latex.

Animal Origin Content
No known addition of content from animal products and animal byproducts

Please note, SIMTEC does not conduct separate testing on the products and relies on compliance information received from our suppliers.
If you have any further questions, please contact customercare@simtec-silicone.com

Quality Department

We certify that all materials and processes used in the production of the finished part above conform to the requirements of the listed purchase order and/or applicable drawings and specifications.
This certificate was issued electronically and is valid without signature.

Celanese

TYCO ELEC - AUTOMOTIVE
C/O ILS CROSSDOCK G12
8350 EAST OLD VAIL ROAD
TUSCON AZ 85747
USA

DAVID HAMILTON

The Verst Group
Ticona Polymers
1100 Burlington Pike
FLORENCE KY 41042
USA

Type 4 Certificate of Analysis

CELANEX 4300 ES3801 RED Z7

Customer Part No.:	703395-4	**Cert Issue Date**:	01 Dec 2020
Formula No.:	4300	**Qty Shipped**:	3,307.000 LB
Catalog:	20000948	**Order Item /date**:	2356370 10 / 14 Sep 2020
Color No.:	ES3801	**Delivery item/date**:	86761388 900001 / 18 Nov 2020
Produced at:	Florence, KY, USA	**Account #**:	2065708
		Customer PO No.:	2713324195
		Rail car:	0622034582 / 0622034582

Batch 0001352028

In reference to the above, this is to advise you that this is a standard product and meets the following requirements:

SPECIFICATIONS: ASTM D5927 TPES 011G30

BATCH RELEASE DATA	UoM	Value	Limit
Melt Flow Rate (MFR)	g/10min	8.30	
Ash Content	%(m)	28.72	28.00 - 32.00

ANNUAL TESTS (REVISED ON)	UoM	Value	Limit
Density (13 Aug 2020)	g/cm³	1.536	1.500 - 1.590
Charpy Notched Impact Strength (13 Aug 2020)	kJ/m²	8.30	min. 6.00
DTUL @ 1.8MPa (13 Aug 2020)	°C	202.9	min. 190.0
Tensile modulus (13 Aug 2020)	MPa	9793	min. 7000
Tensile Stress at break (13 Aug 2020)	MPa	125.2	min. 85.0

INITIAL CHARACTERIZATION	UoM	Value	Limit
Flammability (13 Aug 2020)	mm/min	31.0	max. 100.0

COMMENTS

Flammability is performed on a 100x355x1mm plaque test
specimen for characterization data only. Meets FMVSS302. This is a test coupon only and does not replace a molded component.

These test data are determined based on standard ISO and/or ASTM testing procedures.

Polyester Global Business Line

If you have questions regarding this letter, please call your Customer Service Team at 800-526-4960.

BASF CORPORATION

BASF
We create chemistry

Certificate of Analysis

Customer:

TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Attention:
FAX:
Cust Prod: 702661-9
Cust Prod Name: ULT.A3EG7 BK23189 726KG 11G
Cust P.O.: 2713723214
Cust P.O. Line: 1

Inspection Certificate 3.1 according to EN 10204

Product Number : 52568990
Product Name : ULTRAMID® A3EG7 BLACK 23189 POLYAMIDE 726KG FIBREBOARD IBC
Vehicle :
Batch/Lot : 0209440764
Manuf.Date : Nov-02-2020
Shipped Date :
Shipped Quantity : 17,606.116 LB
Delivery Date : Nov-24-2020
Order Number : 117817631 000010
Delivery Note : 145011989 900001

Characteristic	Result	UOM	-----Specification----- Minimum	Maximum	Test Method
Ash / Filler Content	35.448	%	33.000	37.000	ASTM5630/ISO3451
Moisture Content	0.05	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	146	ml/g	130	160	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

MS-DB41 CPN 2224
MS-DB41 CPN 3695
M5600
M53122

BASF CORPORATION

We create chemistry

Certificate of Analysis

Customer:

TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Attention:
FAX:
Cust Prod: 702661-9
Cust Prod Name: ULT.A3EG7 BK23189 726KG 11G
Cust P.O.: 2713789939
Cust P.O. Line: 1

Inspection Certificate 3.1 according to EN 10204

Product Number : 52568990
Product Name : ULTRAMID® A3EG7 BLACK 23189
POLYAMIDE 726KG FIBREBOARD IBC
Vehicle :
Batch/Lot : 0209389090
Manuf.Date : Nov-12-2020
Shipped Date :
Shipped Quantity : 19,206.672 LB
Delivery Date : Dec-10-2020
Order Number : 117830940 000010
Delivery Note : 145048709 900001

Characteristic	Result	UOM	-----Specification----- Minimum	Maximum	Test Method
Ash / Filler Content	35.529	%	33.000	37.000	ASTM5630/ISO3451
Moisture Content	0.07	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	144	ml/g	130	160	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

MS-DB41 CPN 2224
MS-DB41 CPN 3695
M5600
M53122

BASF CORPORATION

BASF
We create chemistry

Certificate of Analysis

Customer:

TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Attention:
FAX:
Cust Prod: 702661-9
Cust Prod Name: ULT.A3EG7 BK23189 726KG 11G
Cust P.O.: 2714396818
Cust P.O. Line: 1

Inspection Certificate 3.1 according to EN 10204

Product Number : 52568990
Product Name : ULTRAMID® A3EG7 BLACK 23189 POLYAMIDE 726KG FIBREBOARD IBC
Vehicle :
Batch/Lot : 0209522880
Manuf.Date : Jan-22-2021
Shipped Date :
Shipped Quantity : 24,008.340 LB
Delivery Date : Mar-02-2021
Order Number : 117906874 000010
Delivery Note : 145254330 900001

Characteristic	Result	UOM	-----Specification----- Minimum	Maximum	Test Method
Ash / Filler Content	34.977	%	33.000	37.000	ASTM5630/ISO3451
Moisture Content	0.05	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	144	ml/g	130	160	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

MS-DB41 CPN 2224
MS-DB41 CPN 3695
M5600
M53122

BASF CORPORATION

BASF
We create chemistry

Certificate of Analysis

Customer:

TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Attention:
FAX:
Cust Prod: 702661-9
Cust Prod Name: ULT.A3EG7 BK23189 726KG 11G
Cust P.O.: 2713664337
Cust P.O. Line: 1

Product Number : 52568990
Product Name : ULTRAMID® A3EG7 BLACK 23189 POLYAMIDE 726KG FIBREBOARD IBC
Vehicle :
Batch/Lot : 0209243148
Manuf.Date : Oct-01-2020
Shipped Date :
Shipped Quantity : 17,606.116 LB
Delivery Date : Oct-20-2020
Order Number : 117811846 000010
Delivery Note : 144913452 900001

Inspection Certificate 3.1 according to EN 10204

Characteristic	Result	UOM	-----Specification----- Minimum	Maximum	Test Method
Ash / Filler Content	35.509	%	33.000	37.000	ASTM5630/ISO3451
Moisture Content	0.05	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	142	ml/g	130	160	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

MS-DB41 CPN 2224
MS-DB41 CPN 3695
M5600
M53122

BASF CORPORATION

BASF
We create chemistry

Certificate of Analysis

Customer:

TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Attention:
FAX:
Cust Prod: 702661-9
Cust Prod Name: ULT.A3EG7 BK23189 726KG 11G
Cust P.O.: 2714396804
Cust P.O. Line: 1

Product Number : 52568990
Product Name : ULTRAMID® A3EG7 BLACK 23189 POLYAMIDE 726KG FIBREBOARD IBC
Vehicle :
Batch/Lot : 0209522880
Manuf.Date : Jan-22-2021
Shipped Date :
Shipped Quantity : 22,407.784 LB
Delivery Date : Feb-15-2021
Order Number : 117906877 000010
Delivery Note : 145233286 900001

Inspection Certificate 3.1 according to EN 10204

Characteristic	Result	UOM	-----Specification----- Minimum	Maximum	Test Method
Ash / Filler Content	34.977	%	33.000	37.000	ASTM5630/ISO3451
Moisture Content	0.05	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	144	ml/g	130	160	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

MS-DB41 CPN 2224
MS-DB41 CPN 3695
M5600
M53122

BASF CORPORATION

BASF
We create chemistry

Certificate of Analysis

Customer:

TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Attention:
FAX:
Cust Prod: 702661-9
Cust Prod Name: ULT.A3EG7 BK23189 726KG 11G
Cust P.O.: 2714396808
Cust P.O. Line: 1

Inspection Certificate 3.1 according to EN 10204

Product Number : 52568990
Product Name : ULTRAMID® A3EG7 BLACK 23189 POLYAMIDE 726KG FIBREBOARD IBC
Vehicle :
Batch/Lot : 0209522880
Manuf.Date : Jan-22-2021
Shipped Date :
Shipped Quantity : 22,407.784 LB
Delivery Date : Feb-23-2021
Order Number : 117906873 000010
Delivery Note : 145251547 900001

Characteristic	Result	UOM	-----Specification----- Minimum	Maximum	Test Method
Ash / Filler Content	34.977	%	33.000	37.000	ASTM5630/ISO3451
Moisture Content	0.05	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	144	ml/g	130	160	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

MS-DB41 CPN 2224
MS-DB41 CPN 3695
M5600
M53122

BASF CORPORATION

BASF
We create chemistry

Certificate of Analysis

Customer:

TE CONNECTIVITY CORPORATION
8000 PIEDMONT TRIAD PKWY
GREENSBORO NC 27409-9407

Attention:
FAX:
Cust Prod: 702661-9
Cust Prod Name: ULT.A3EG7 BK23189 726KG 11G
Cust P.O.: 2713722748
Cust P.O. Line: 1

Product Number : 52568990
Product Name : ULTRAMID® A3EG7 BLACK 23189 POLYAMIDE 726KG FIBREBOARD IBC
Vehicle :
Batch/Lot : 0209243148
Manuf.Date : Oct-01-2020
Shipped Date :
Shipped Quantity : 17,606.116 LB
Delivery Date : Oct-30-2020
Order Number : 117817629 000010
Delivery Note : 144949688 900001

Inspection Certificate 3.1 according to EN 10204

Characteristic	Result	UOM	-----Specification----- Minimum	Maximum	Test Method
Ash / Filler Content	35.509	%	33.000	37.000	ASTM5630/ISO3451
Moisture Content	0.05	%		0.15	ASTM D6869 / ISO 15512B
Viscosity Number for Polyamides	142	ml/g	130	160	ISO 307

Comments :

Results shown are the means of individual test values determined on samples taken during production of the lot specified.

This product is approved for the following specifications:

MS-DB41 CPN 2224
MS-DB41 CPN 3695
M5600
M53122

Section 11

Initial Process Studies

Not Applicable

Section 12

Qualified Laboratory Documentation

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - IATF 16949:2016

This is to certify that:

TE Connectivity
Global Automotive Division
Americas North
Carretera Internacional, KM 1969
Guadalajara-Nogales Km 2
Empalme
Sonora
85340
Mexico

operates a Quality Management System which complies with the requirements of IATF 16949:2016 for the following scope:

Design and manufacture of electrical interconnecting devices.

For and on behalf of BSI:

Carlos Pitanga, Chief Operating Officer Assurance – Americas

BSI Certificate Number: 514458-003
IATF Number: 0315420

...making excellence a habit.™

Certification Date: 2018-07-11 Latest Issue: 2020-10-27 Expiry Date: 2022-01-09

Location	Registered Activities
TE Connectivity Global Automotive Division Americas North Carretera Internacional, KM 1969 Guadalajara-Nogales Km 2 Empalme Sonora 85340 Mexico	Manufacture of interconnecting devices. Including the following remote support functions: TE Connectivity Global Automotive Division Americas North 3800 Reidsville Road Winston-Salem North Carolina 27102 USA Calibration, Contract review, Product design, Purchasing, Sales, Supplier management, Testing TE Connectivity Global Automotive Division Americas North 20 Esna Park Drive Markham Ontario L3R 1E1 Canada Product design, Testing TE Connectivity Global Automotive Division Americas North 2901 Fulling Mill Road Middletown Pennsylvania 17057 USA Customer service, Product design, Testing TE Connectivity Global Automotive Division Americas North 900 Wilshire Boulevard Suite 150 Troy Michigan 48084 USA Product design

BSI Certificate Number: 514458-003

IATF Number: 0315420

Certification Date: 2018-07-11 Latest Issue: 2020-10-27 Expiry Date: 2022-01-09

Location	Registered Activities
	TE Connectivity Global Automotive Division Americas North 2100 Paxton Street Harrisburg Pennsylvania 17111 USA Testing
	TE Connectivity North Carolina Distribution Center 8000 Piedmont Triad Parkway Greensboro North Carolina 27409 USA Distribution, Logistics, Warehousing
	TE Connectivity Global Automotive Division Americas North 32 Celerity Wagon St. El Paso Texas 79906 USA Distribution, Logistics, Packaging, Warehousing
	TE Connectivity West Coast Distribution Center 1643 South Parco Avenue Ontario California 91761 USA Distribution, Logistics, Packaging, Warehousing
	TE Connectivity Global Logistics Blvd. Industrial Norte #23 y Blvd. Solidaridad Col. Parque Industrial Hermosillo Hermosillo Sonora 83118 Mexico Warehousing, Distribution

BSI Certificate Number: 514458-003

IATF Number: 0315420

Certification Date: 2018-07-11 Latest Issue: 2020-10-27 Expiry Date: 2022-01-09

Section 13

Appearance Approval Report

Not Applicable

Section 14

Sample Product

Sent in separate package
(if required)

Section 15

Master Sample

Retained at manufacturing location

Section 16

Checking Aids

Not Applicable

Section 17

Records of Compliance with Customer-Specific Requirements

MDS Report
Substances of assemblies and materials

1. Company and Product Name

1.1 Supplier Data

Name [ID]:	**Tyco Electronics GAD [913]**
DUNS Number:	**-**
Street/Postal Code:	**Amperestr. 12-14**
Nat./ZipCode/City:	**DE 64625 Bensheim**
Supplier Code:	**-**
Contact Person:	**IMDS Team (India) Engineering Services**
- Phone:	**-**
- Fax No.:	**-**
- E-Mail Address:	**imds@te.com**

1.2 Product Identification

Part/Item No.:	**1-1924067-1**
Description:	**Conn Assy, Female, 2-Position Sealed, 1.2 mm Standard Latch Version**
Report No.:	**-**
Date of Report:	**-**
Purchase Order No.:	**-**
Bill of Delivery No.:	**-**
Preliminary MDS:	**No**
Multi Sourced:	**No**
IMDS ID / Version:	**91734033 / 17**
Node ID:	**895201764**
MDS Status (Change Date):	**Internally released (01/14/2020)**

MDS Report
Substances of assemblies and materials

Materials which are subject to legal prohibitions must not be included!
Dangerous substances formed or released during use must also be declared
Please note: GADSL list for substances that require declaration

2. Characterization of the Component

Part/Item No.: **1-1924067-1**
Description: **Conn Assy, Female, 2-Position Sealed, 1.2 mm Standard Latch Version**

Report No.: **-**
IMDS ID / Version: **91734033 / 17**
Node ID: **895201764**

Tree Level	Description / Article Name / Name / Substance name	Part/Item No. / Item- /Mat.-No. / Material-No. / CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. / GADSL, SVHC	Parts Marking / Recyclate (Indust./Consumer) / Application [ID]
1	Conn Assy, Female, 2-Position Sealed, 1.2 mm Standard Latch Version	1-1924067-1	91734033 / 17		2.2549				
├2	Housing Outer 2 Pos, MCON 1.2-Black	0-1924889-1	91733946 / 7	1	1.253				Yes
├3	PA66-I-GF13	1573718-1	39290563 / 4		1.253			5.1.a	No

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Recyclate (Indust./Consumer) Application [ID]
4	Further Additives, not to declare	system				1			
4	GF-Fibre	-				13			
4	PA66-I	-				85.5			
4	Carbon black	1333-86-4				0.5			
2	Inner Housing, Female, 2-Position, Sealed, 1.2 mm-Black	0-1924069-1	91733936 / 3	1	0.87				Yes
3	PA66-GF35	702661-9	70521492 / 3		0.87			5.1.a	No
4	Further Additives, not to declare	system				0.5			
4	GF-Fibre	-				35			
4	Carbon black	1333-86-4				0.5			
4	PA66	-				64			
2	TPA, Female, 2-Position, Sealed, 1.2mm-Red	1924073-1	74315158 / 9	1	0.0519				Not Applicable
3	PBT-GF30	703395-4	175341184 / 3		0.0519			5.1.a	No
4	PBT	-				69.25			
4	GF-Fibre	-				30			
4	Further Additives, not to declare	system				0.5			
4	Pigment portion, not to declare	system				0.25			
2	RING SEAL	1924957-2	658666747 / 2	1	0.08				Not Applicable
3	VMQ	A4005WB			0.08			5.3	No
4	VMQ	-				71.79	70 - 72		

Tree Level	Description Article Name Name Substance name	Part/Item No. Item- /Mat.-No. Material-No. CAS No.	IMDS ID / Version	Quantity	Weight [g]	Portion [%]	Portion (from - to) [%]	Classif. GADSL, SVHC	Parts Marking Recyclate (Indust./Consumer) Application [ID]
4	Nepheline syenite	37244-96-5				27			
4	PTFE	-				0.07			
4	Boric acid	10043-35-3				0.07		D / P / SVHC	
4	Dimethylsilicone	63148-62-9				0.07			
4	Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	68083-18-1				0.5			
4	Cobalt-aluminate-blue-spinel	1345-16-0				0.3		D	
4	Titanium-dioxide	13463-67-7				0.2			

This is an uncontrolled copy of a document created by IMDS. End of the report.

Legend

Multi Sourced Component

Section 18

Part Submission Warrant

TE Connectivity

PPAP North America Team

Part Submission Warrant

EPPAP:

Part Name: 2POS, MCON 1.2 CB REC 2p TL SEALED

Cust. Part Number: 67R4320

Shown on Drawing Number: C-1924067

Org.Part Number: 1-1924067-1

Engineering Change Level: B9

Dated: 22/APR/2021

Additional Engineering Changes: N/A

Dated: N/A

Safety and/or Government Regulation: ☐ Yes ☑ No

Purchase Order No.: N/A

Weight (kg): 0.00225

Checking Aid Number: Not applicable

Checking Aid Engineering Change Level: N/A

Dated: N/A

ORGANIZATION MANUFACTURING INFORMATION

TE Connectivity
Organization Name and Supplier Code

Carretera Internacional KM 1969 Guadalajara-Nogales Km 2
Street Address

Empalme	Sonora	85340	Mexico
City	Region	Postal Code	Country

CUSTOMER SUBMITTAL INFORMATION

Newark Electronics
Customer Name/Division

Not Provided
Buyer/Buyer Code

Various
Application

MATERIALS REPORTING

Has customer-required Substance of Concern information been reported Submitted by IMDS or other customer format: ☑ Yes ☐ No ☐ NA

IMDS
91734033 / 17

Are polymeric parts identified with appropriate ISO marking codes? ☑ Yes ☐ No ☐ NA

REASON FOR SUBMISSION (Check at least one)

- ☐ Initial submission
- ☐ Engineering Change(s)
- ☑ Tooling: Transfer, Replacement, Refurbishment, or additional
- ☐ Correction of Discrepancy
- ☐ Tooling Inactive > than 1 year
- ☐ Change to Optional Construction or Material
- ☐ Sub-Supplier or Material Source Change
- ☐ Change in Part Processing
- ☐ Parts Produced at Additional Location
- ☐ Other - please specify

PCN P-21-020250

REQUESTED SUBMISSION LEVEL (Check one)

- ☐ Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.
- ☐ Level 2 - Warrant with product samples and limited supporting data submitted to customer.
- ☑ Level 3 - Warrant with product samples and complete supporting data submitted to customer.
- ☐ Level 4 - Warrant and other requirements as defined by customer.
- ☐ Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.

SUBMISSION RESULTS

The results for ☑ dimensional measurement ☑ material and functional tests ☐ appearance criteria ☑ statistical process package

These results meet all design record requirements: ☑ Yes ☐ No (If "No" - Explanation Required)

Mold / Cavity / Production Process

Assembly Process

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts, which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at the production rate of **Production Rate is TE Proprietary**. I also certify that documented evidence of such compliance is on file and is available for review. I have noted any deviations from this declaration below.

EXPLANATION/COMMENTS

Production Rate is TE Proprietary. PCN P-21-020250

Is each Customer Tool properly tagged and numbered? ☐ Yes ☐ No ☑ NA

Organization Authorized Signature: *Luis Casas*

Date: 06/01/2021

Print Name: Luis Casas

Phone No.: n/a

Fax: n/a

Title: PPAP Technician

Email: alberto.casas@te.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition : ☐ Approved ☐ Rejected ☐ Other

Customer Signature

Date

Print Name

Customer Tracking Number (optional)

Section 18a

Bulk Material Requirements

Not Applicable