



- NOTES:
- UNLESS OTHERWISE SPECIFIED:
- GENERAL TOLERANCES:
 X.X - ±0.50
 X.XX - ±0.30
 ANGLES - ±2°
 - ALL DIMENSIONS APPLY TO A FULLY ASSEMBLED CONNECTOR
 - ALL SEALED APPLICATIONS WITH 33401040 MAT SEAL CAN BE USED WITH FOLLOWING INSULATION RANGES:
 Ø1.70 TO Ø4.09 (20AWG TO 10AWG) ALL CIRCUITS
 Ø1.70 TO Ø3.80 (0.75mm² TO 4mm²) ALL CIRCUITS
 Ø1.70 TO Ø4.20 (6 CIRCUITS WITH 5mm² 2 ON ENDS & 2 AT CENTER AND REMAINING 8 CIRCUITS 0.75mm² TO 4mm²)
 - ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE Ø1.40 TO Ø4.20 OD (22AWG TO 10AWG) OR (0.5mm² TO 5mm²) EXCEPT AS NOTED PROVIDING THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE MALE TERMINAL DRAWING
- NOTE: MAX. INSULATION CRIMP WIDTH = 4.50
 MAX. INSULATION CRIMP HEIGHT = 4.50
 MAX. INSULATION = Ø4.20 (10AWG OR 5mm² ISO THIN WALL)
- THREADED BUSHINGS MUST WITHSTAND A PUSH-OUT FORCE OF 10 N (2.24 lbf) MIN (9)
 - THREADED BUSHINGS MUST RESIST A TORQUE OF 3.39 - 3.95 N-m (30 - 35 lb-in) IN BOTH DIRECTIONS (10)
 - PART MUST BE FREE OF ANY TOOL MARK, SINK, VOID, SPLAY, BURR, SOIL, CONTAMINATION, MARK OR ANY OTHER DEFECT THAT AFFECTS FIT OR FUNCTION (11)
 - ALL COMPONENTS TO BE ASSEMBLED AND SNAPPED FULLY IN PLACE (12)
 - CONNECTOR TO WITHSTAND A PULL FORCE OF 110 N (24.7lb) MIN (NORMAL RETAINER RETENTION FORCE) (13)
 - MAXIMUM PANEL THICKNESS 11.0 mm
 - THE 14 WAY CONNECTOR CAD MODEL USED TO CREATE THIS ASSEMBLY IS FOR REFERENCE ONLY AND IS NOT APPROVED FOR GENERAL USE (14)
 - ASSEMBLY SHOWN WITH REPRESENTATIVE PANEL IN PLACE (15)
 - ATTACHMENT FASTENERS ARE NOT SHOWN AND ARE NOT INCLUDED (16)
 - SIZE AND STYLE OF ATTACHMENT FASTENERS CAN VARY ACCORDING TO THE APPLICATION AND ARE THE RESPONSIBILITY OF THE USER (17)
 - THE CONNECTOR SYSTEM IS SEALED AND FLANGE IS UNSEALED (18)

CHART ASSEMBLY P/N'S				
MVL	PCL	DPN	REV	
F255200	B	33517360	02	
F355200	B	33504667	02	
F455200	B	33510481	02	
F555200	B	33510482	02	

APPLICABLE PARTS LIST					
ITEM	PART NAME	COLOR	MVL	DELPHI	QUANTITY REQUIRED
5	RETAINER	BLACK	54201428	15537331	1 1 1 1
4	END SEAL	DARK BLUE	N/A	33401040	1 1 1 1
3d	ASSEMBLY UNSEALED, POLE D	NATURAL	54201468	33511472	- - - 1
3c	ASSEMBLY UNSEALED, POLE C	DK GRAY	TBD	TBD	- - 1 -
3b	ASSEMBLY UNSEALED, POLE B	LT GRAY	54201405	33500121	- 1 - -
3a	ASSEMBLY UNSEALED, POLE A	BLACK	54201404	13581869	1 - - -
2	BUSHING	S. STEEL	C055200	33504665	2 2 2 2
1	BULKHEAD FLANGE	BLACK	S155200	33504679	1 1 1 1

14-06768	B-14	ECO 426892 - P/N 33401040 MAT SEAL REPLACED MVL 54201450 AND WIRE APPLICATION RANGE UPDATED. PART LEVEL BUMPED TO B
13-01354	ALL	ECO 426499 - REVISED & REDRAWN ON DELPHI TITLE BLOCK. DPN'S ADDED WITH REV LEVELS FOR MVL PARTS. MVL WAS FCI P/N CHART UPDATED
ECN-NO.	ZONE	CHANGE DESCRIPTION
PROJECT SPEC:	PACKAGING SPEC:	APPLICATION SPEC:
APEX 2.8		
TOLERANCES SEE NOTES		
MATERIAL: SEE EXPLODED VIEW		
SURFACE FINISH		
CONTRACT NO. H59008		
COLOUR: SEE EXPLODED VIEW		
TOOL NO. TBD		
ECO Loc. C46 AN		
DO NOT MEASURE DRAWING		
DATE		
NAME		
TITLE		
14 WAY BULKHEAD FLANGED UNSEALED ASSEMBLY		
DRAWING NUMBER		
PCC0609536		
REV. C		
STATE		
PART NUMBER		
SERIAL RELEASED		
BY: 20140922 JMT CAMPBELL		
ESR NO. AM-070099		
CAT. NO.		
FILE NAME: PCC0609536		
DOCUMENT UNDER PDS CONTROL. NO MODIFICATION ALLOWED OUTSIDE		

EUP-COM-112-F28-PDS

TAXI: 33521975

SCALE 2:1