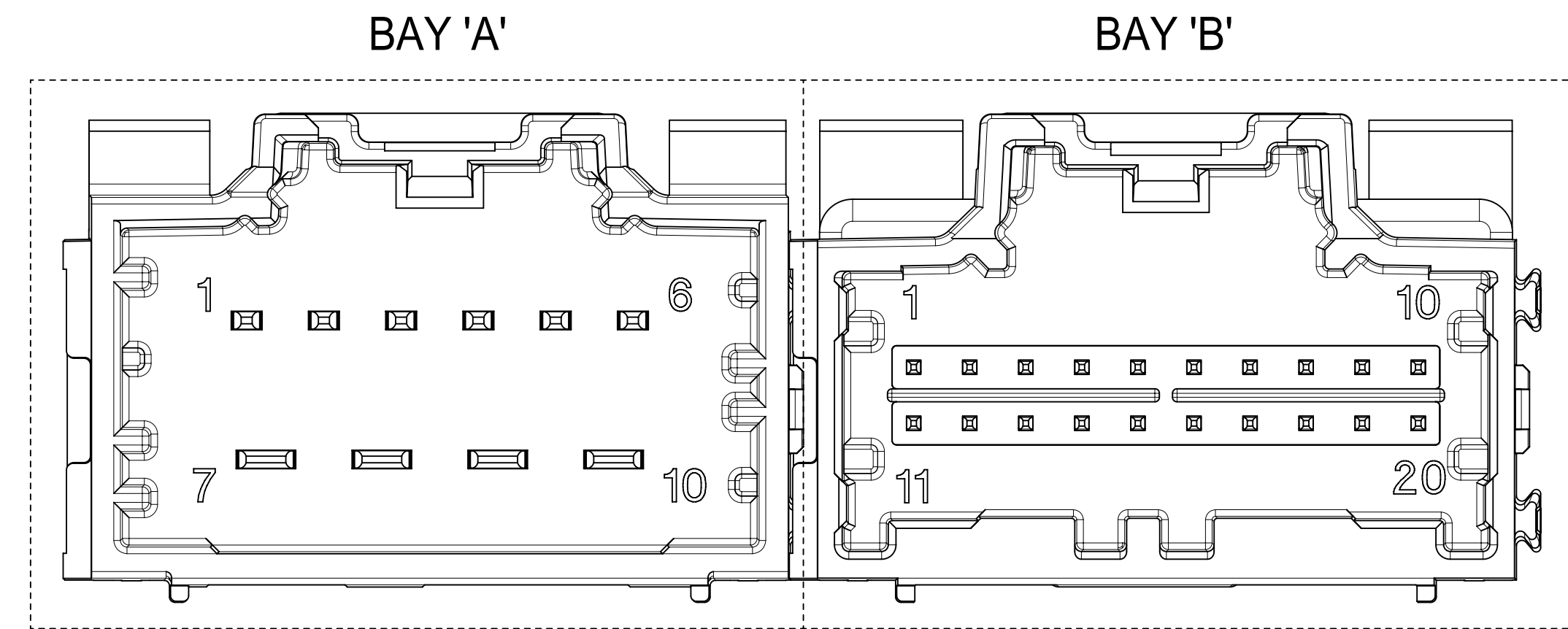


2 BAY STAC64 VERTICAL HEADER ASSEMBLY (P/N: 34707-2012 SHOWN)

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

PART NUMBER (TUBE PKG)	PART NUMBER (TRAY PKG)	BAY A			BAY B			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
		CKT	TYPE	POL	CKT	TYPE	POL				
34707-7000	34707-2000	20	0.64mm	A	20	0.64mm	B	66.94	64.47	27.94	27.94
TBD	34707-2001	20	0.64mm	A	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34707-2002	20	0.64mm	C	20	0.64mm	D	66.94	64.47	27.94	27.94
TBD	34707-2003	20	0.64mm	C	20	0.64mm	A	66.94	64.47	27.94	27.94
TBD	34707-2004	12	0.64mm	A	20	0.64mm	A	56.78	54.31	17.78	27.94
TBD	34707-2005	12	0.64mm	A	10	HYBRID	A	56.78	54.31	17.78	27.94
TBD	34707-2006	12	0.64mm	B	10	HYBRID	A	56.78	54.31	17.78	27.94
TBD	34707-2007	10	HYBRID	A	20	0.64mm	B	66.94	64.47	27.94	27.94
34707-7012	34707-2012	10	HYBRID	A	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34707-2022	20	0.64mm	C	10	HYBRID	A	66.94	64.47	27.94	27.94
TBD	34707-2023	20	0.64mm	A	20	0.64mm	D	66.94	64.47	27.94	27.94
TBD	34707-2030	10	HYBRID	B	10	HYBRID	A	66.94	64.47	27.94	27.94
TBD	34707-2040	12	0.64mm	A	12	0.64mm	B	46.62	44.15	17.78	17.78
TBD	34707-2050	20	0.64mm	A	16	0.64mm	A	61.86	59.39	27.94	22.86
TBD	34707-2060	20	0.64mm	A	12	0.64mm	A	56.78	54.31	27.94	17.78
TBD	34707-2070	16	0.64mm	A	8	0.64mm	C	46.62	44.15	22.86	12.70
34707-7080	34707-2080	12	0.64mm	A	20	0.64mm	B	56.78	54.31	17.78	27.94
TBD	34707-2090	16	0.64mm	A	16	0.64mm	B		54.31		



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:

PRODUCT SPECIFICATION:
8-20 CKT 0.64mm PRODUCT SPEC: PS-34729-100/PS-31408-100
10/14 CKT HYBRID PRODUCT SPEC: PS-31372-100

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: AS-34729-020/AS-31408-100

c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-892 (TRAY)

d. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-063 (TUBE)

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):

RESIN - SPS 30%GF

COLORS:

POL A - BLACK

POL B - GRAY

POL C - BROWN

POL D - GREEN

b. 0.64mm PINS:

BASE MATERIAL: C26000

PLATING TYPE: AS NOTED

1.50/2.80mm BLADES:

BASE MATERIAL: C19400

PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING

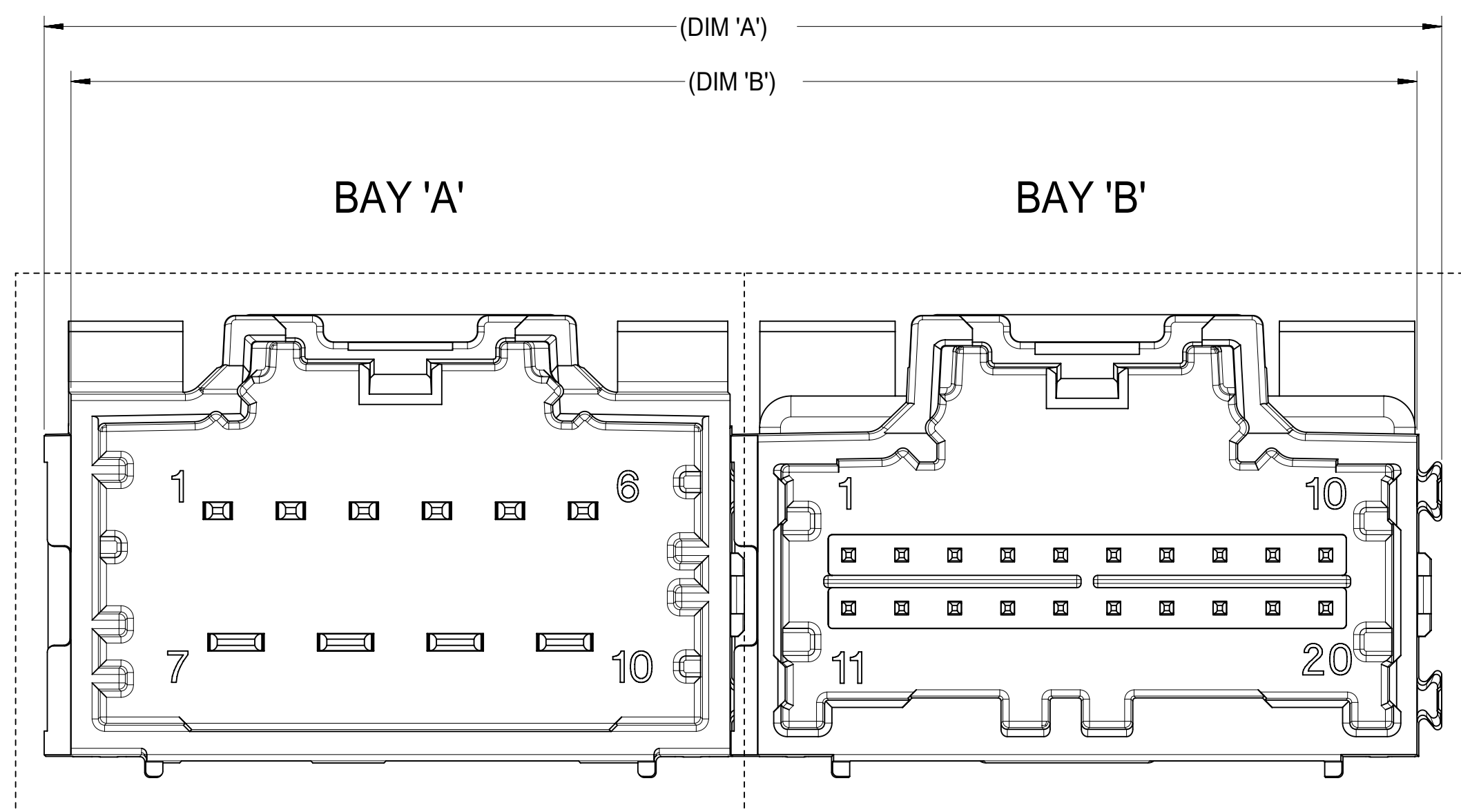
SINGLE BAY DRAWINGS:

8-20 CKT 0.64: SD-34690-100

10 CKT HYBRID: SD-34695-100

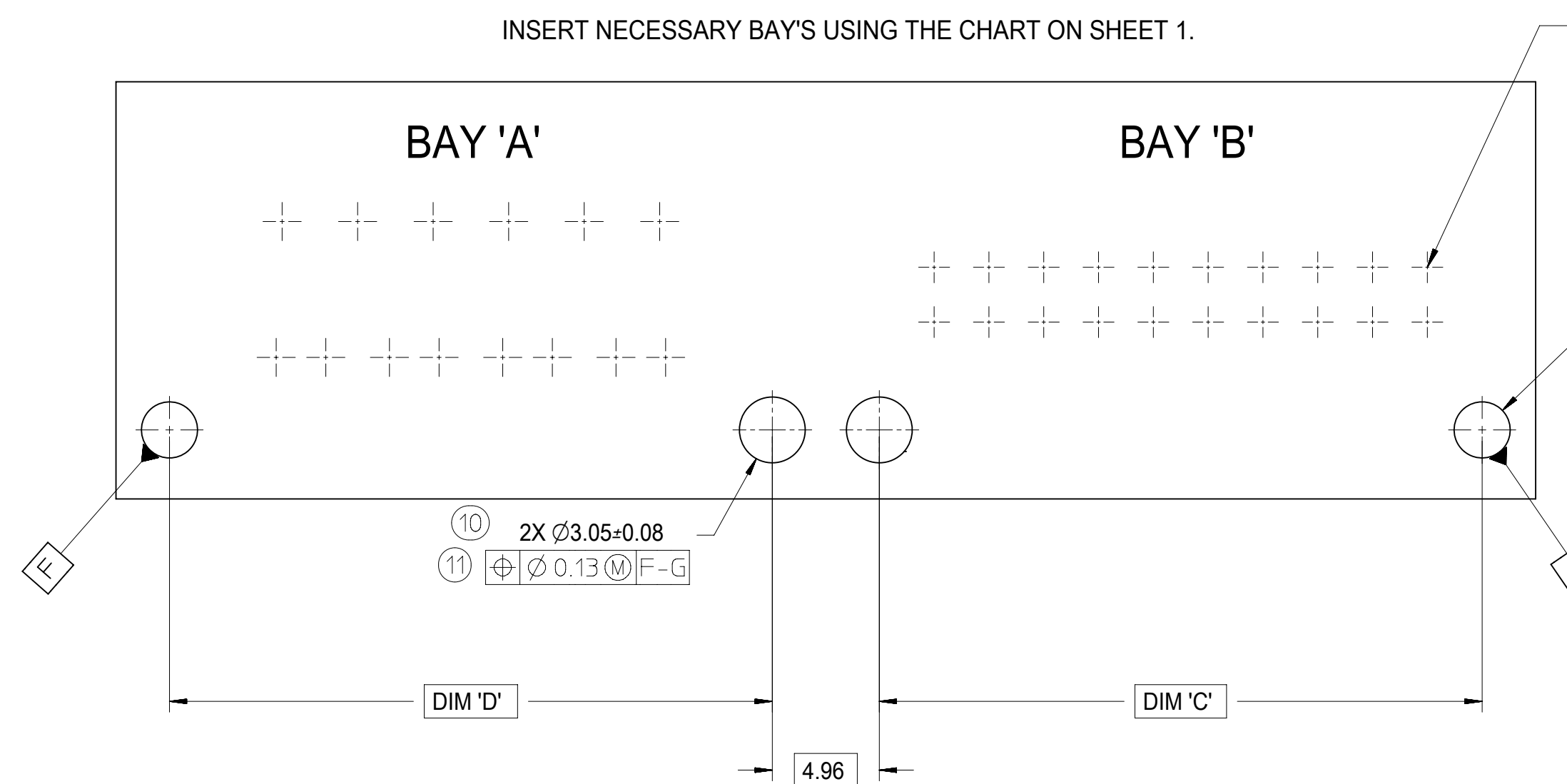
14 CKT HYBRID: SD-34772-200

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex
	DIMENSION UNITS	SCALE			
▽ = 0	mm	4:1			2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0	ANGULAR TOL ± 3.0°		EC NO: 612618		PRODUCT CUSTOMER DRAWING
▽ = 0	4 PLACES ±		DRWN: SHANDITHAVAL 2019/02/22		
▽ = 0	3 PLACES ±		CHK'D: RBAUMAN 2019/02/23		DOCUMENT NUMBER DOC TYPE DOC PART REVISION
▽ = 0	2 PLACES ± 0.13		APPR: RBAUMAN 2019/02/23		
▽ = 0	1 PLACE ± 0.25		INITIAL REVISION:		SD-34707-200
▽ = 0	0 PLACES ±		DRWN: MBAILEY 2008/08/14		
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU 2008/08/14		PSD 001 K7
▽ = 0	THIRD ANGLE PROJECTION		DRAWING SERIES		
		D-SIZE 34707		MATERIAL NUMBER CUSTOMER	
				SEE TABLE GENERAL MARKET	
				SHEET NUMBER	
				1 OF 4	



RECOMMENDED PCB LAYOUT

INSERT NECESSARY BAY'S USING THE CHART ON SHEET 1.

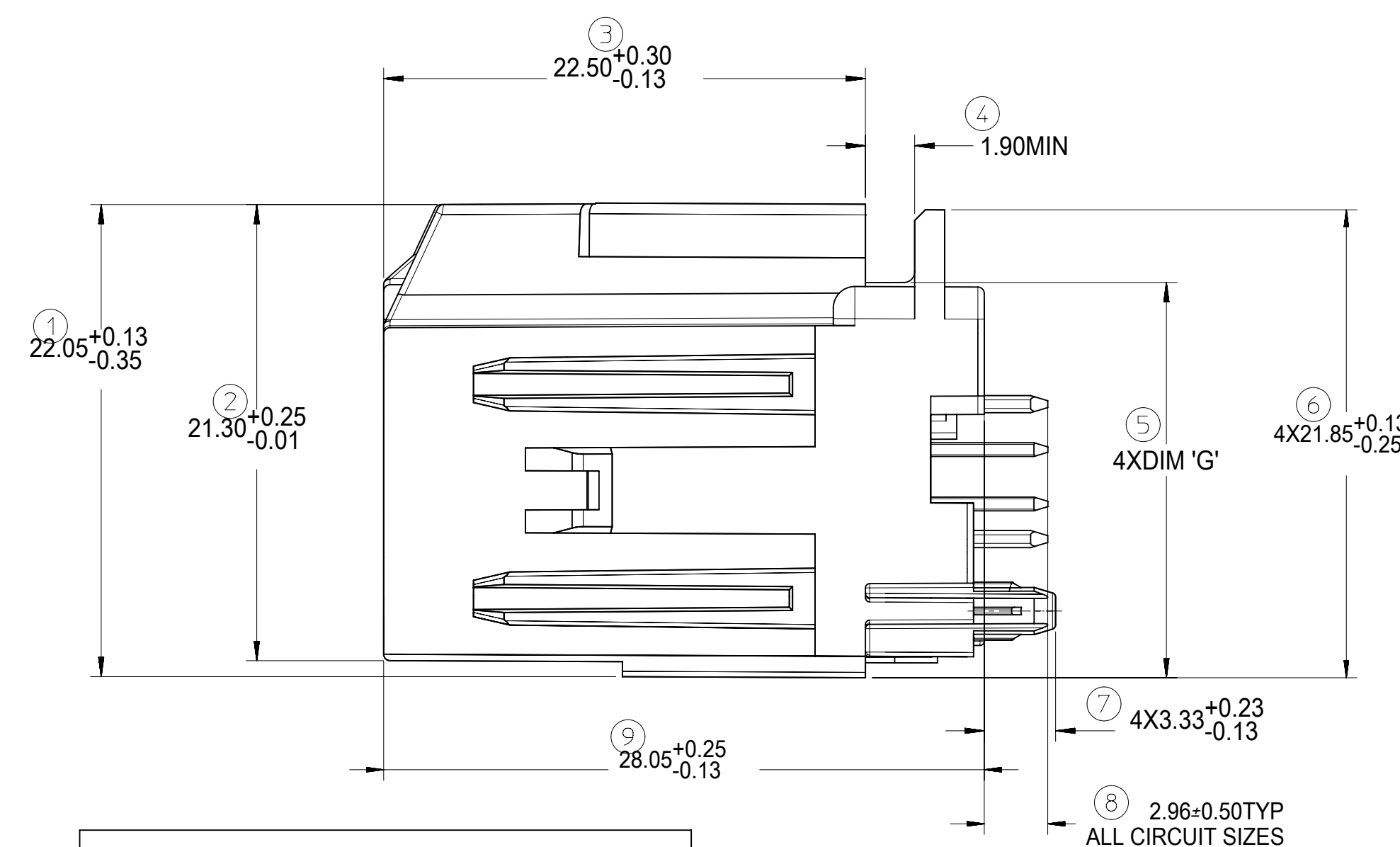


FOR HOLE LOCATION REFER TO TEMPLATE ON SHEET 4

2X $\phi Z=0.08$ (12)
 $\phi \phi 0.13 \text{ (F) } \text{ (13)}$

POST HOLE TABLE:

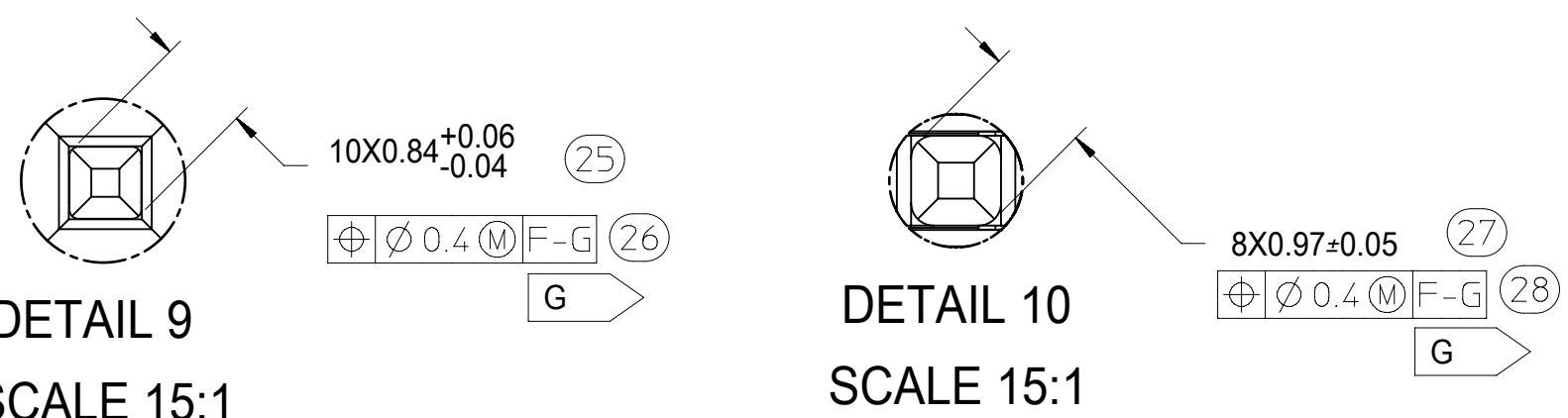
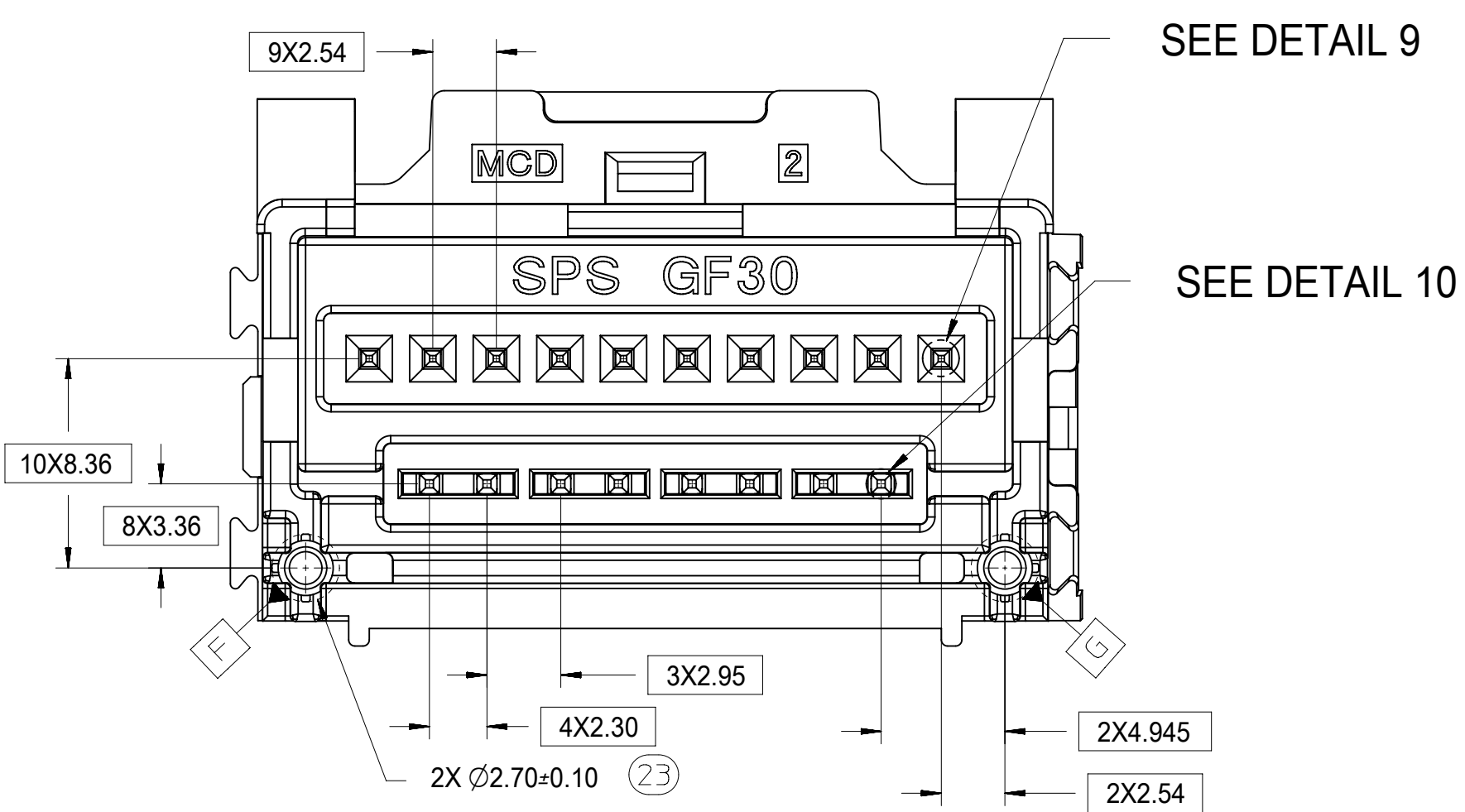
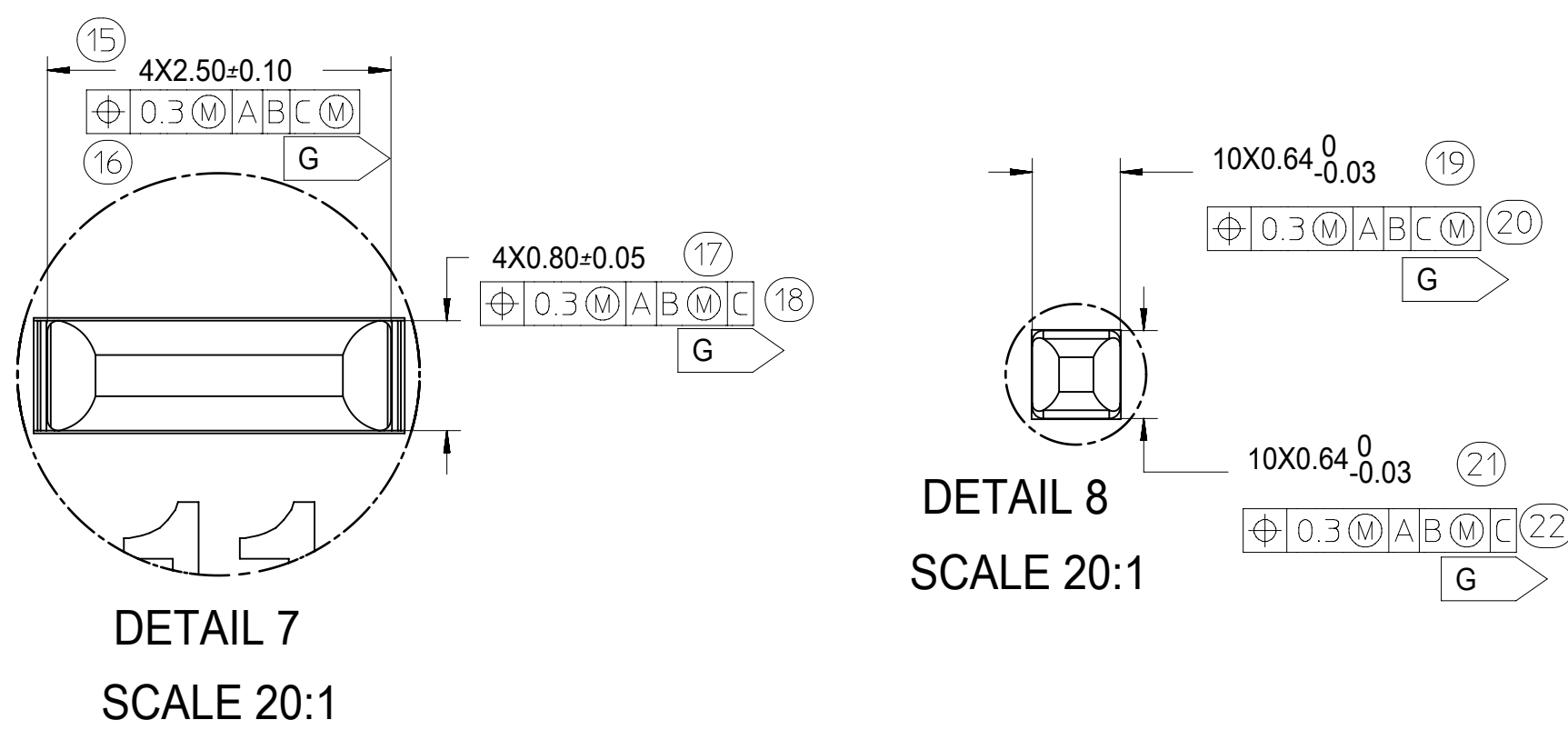
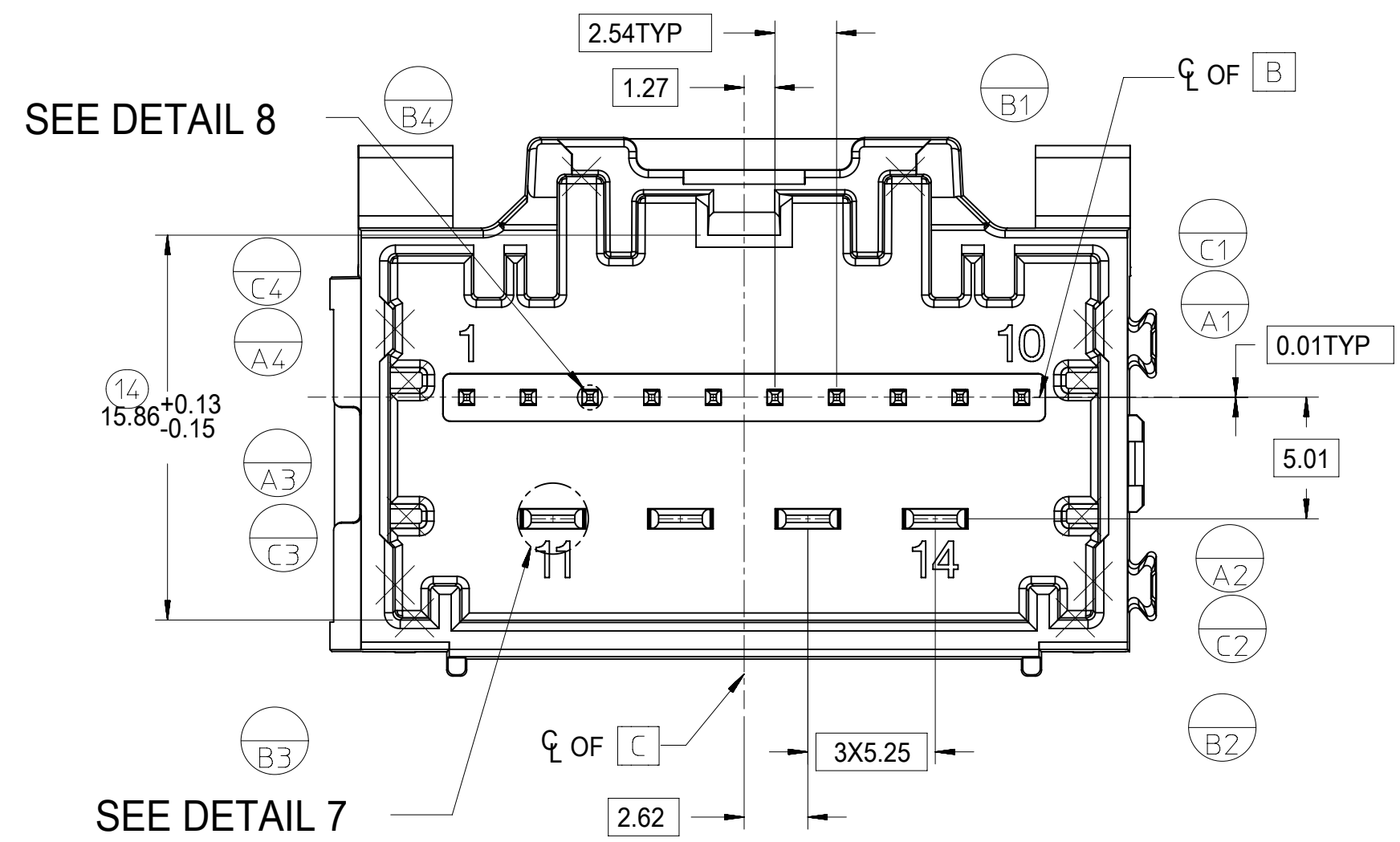
FOR DIM Z:	
PRESS FIT:	2.60
DROP IN:	3.05



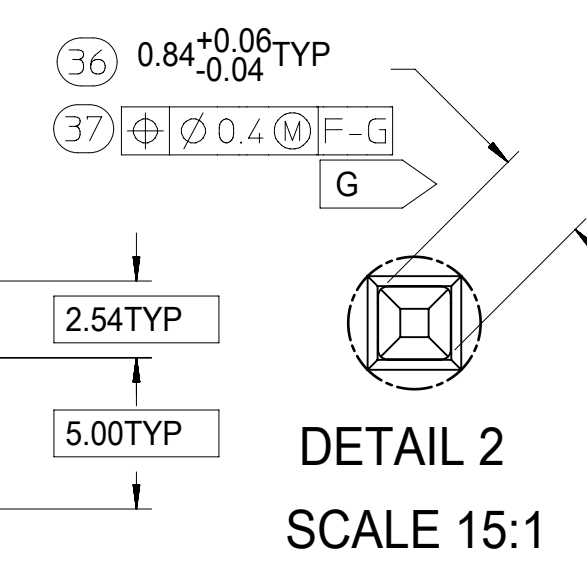
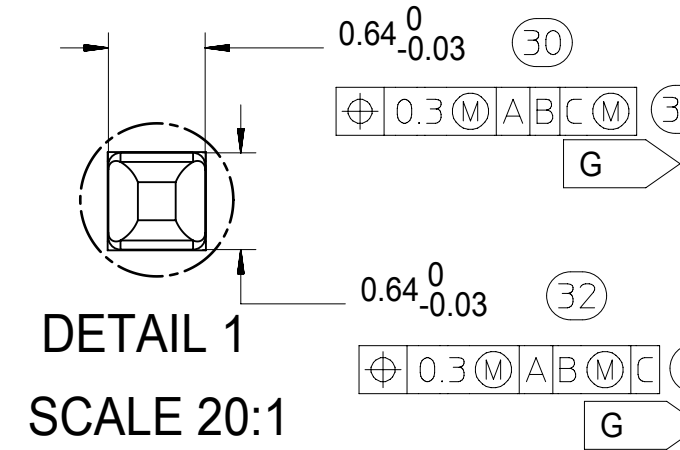
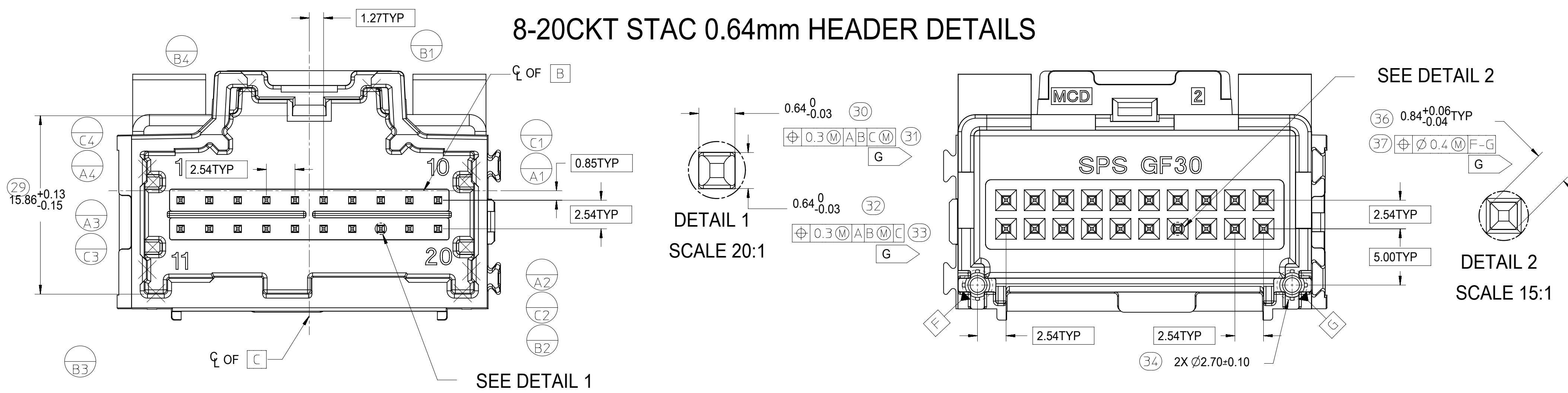
FOR DIM G:	
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		
	DIMENSION UNITS	SCALE			
$\nabla = 0$	mm	4:1			2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING
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$\nabla = 0$	ANGULAR TOL	$\pm 3.0^\circ$	EC NO: 612618		DOCUMENT NUMBER: SD-34707-200 DOC TYPE: PSD DOC PART: 001 REVISION: K7
$\nabla = 0$	4 PLACES	\pm	DRWN: SHANDITHAVAL 2019/02/22		
$\nabla = 0$	3 PLACES	\pm	CHK'D: RBAUMAN 2019/02/23		
$\nabla = 0$	2 PLACES	± 0.13	APPR: RBAUMAN 2019/02/23		
$\nabla = 0$	1 PLACE	± 0.25	INITIAL REVISION:		
$\nabla = 0$	0 PLACES	\pm	DRWN: MBAILEY 2008/08/14		
$\square = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU 2008/08/14		
$\nabla = 0$	THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER
			D-SIZE	34707	SEE TABLE
					CUSTOMER
					GENERAL MARKET
					SHEET NUMBER
					2 OF 4

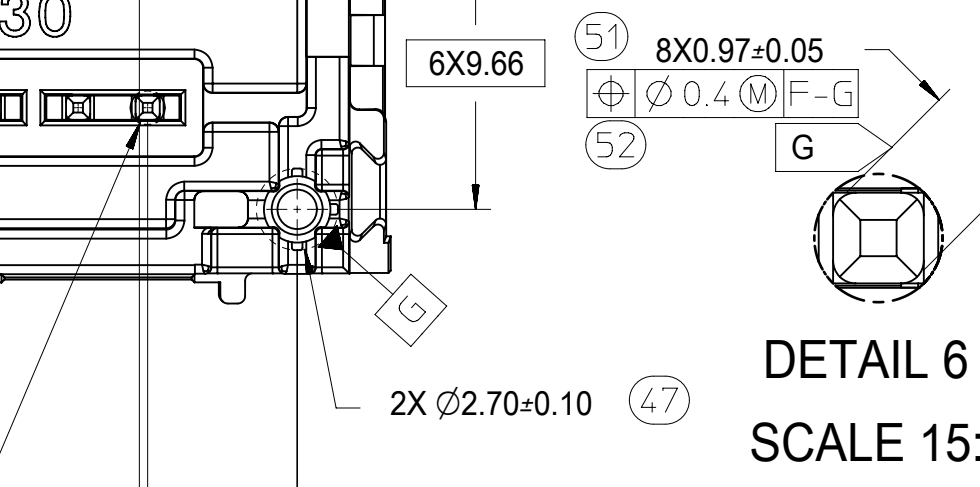
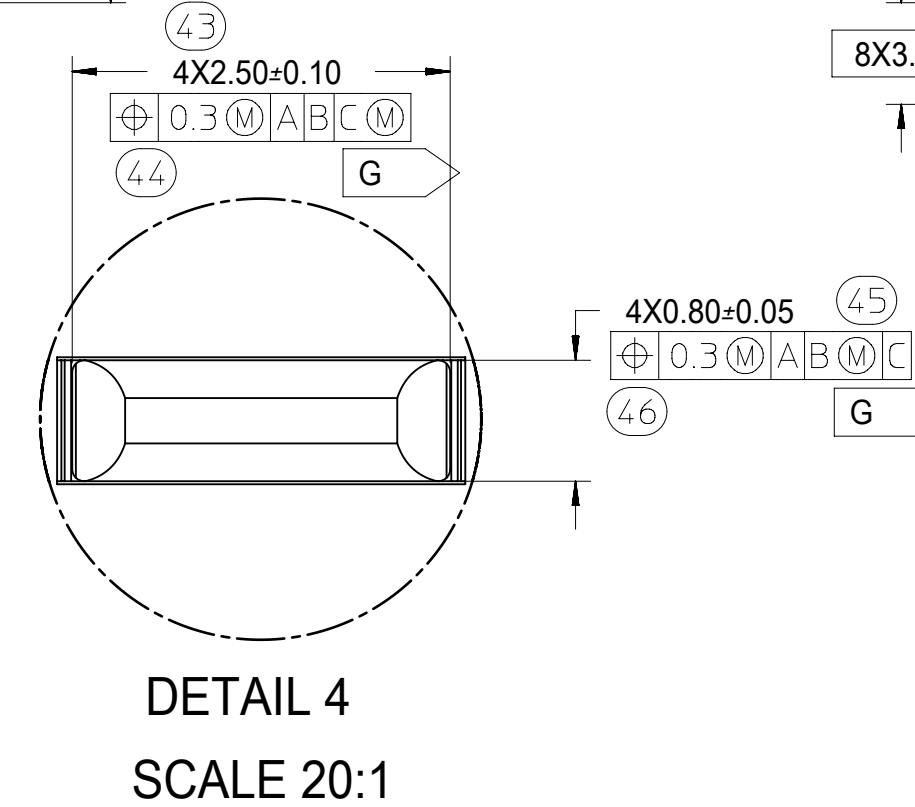
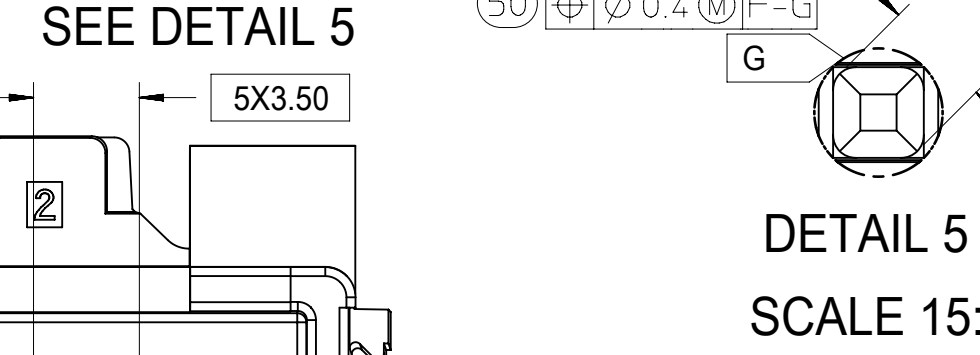
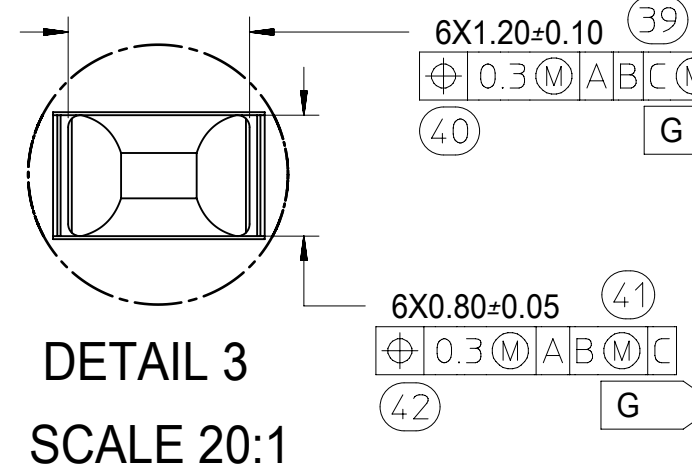
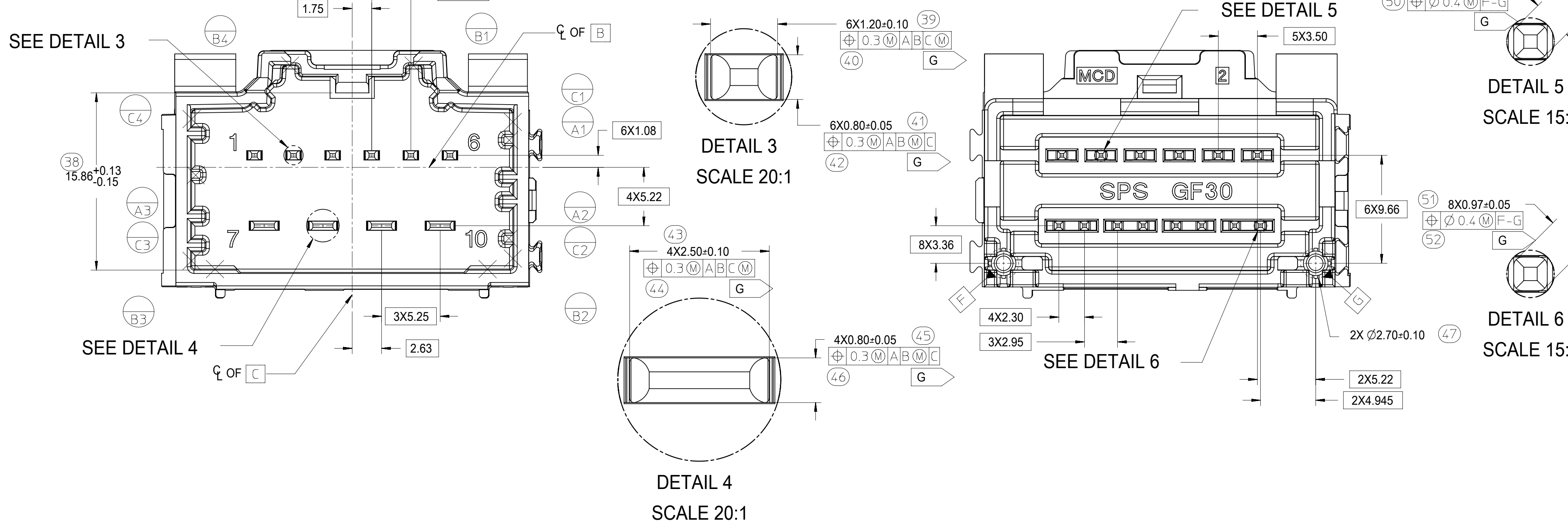
14CKT STAC HYBRID HEADER DETAILS



8-20CKT STAC 0.64mm HEADER DETAILS



10CKT STAC HYBRID HEADER DETAILS



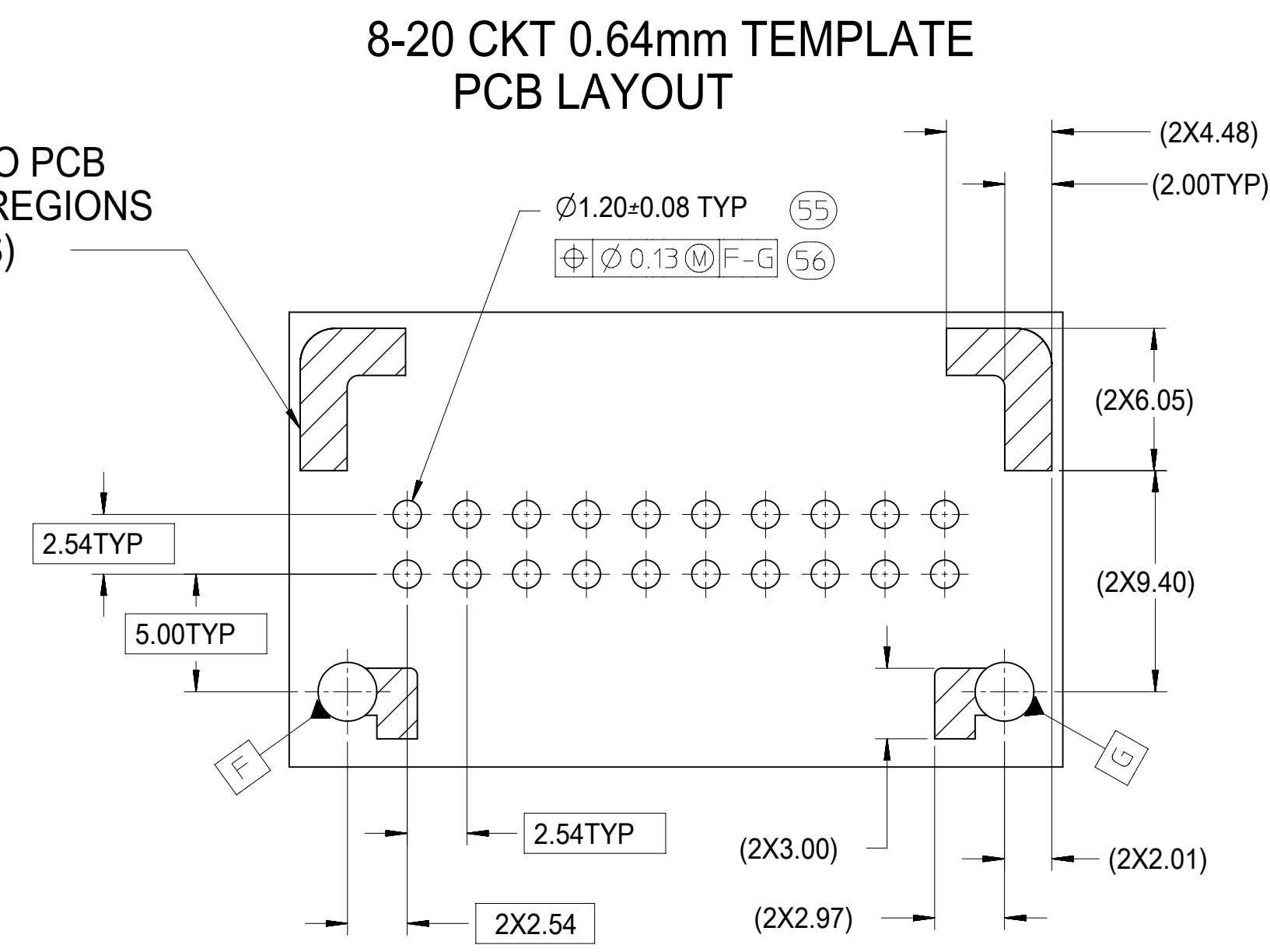
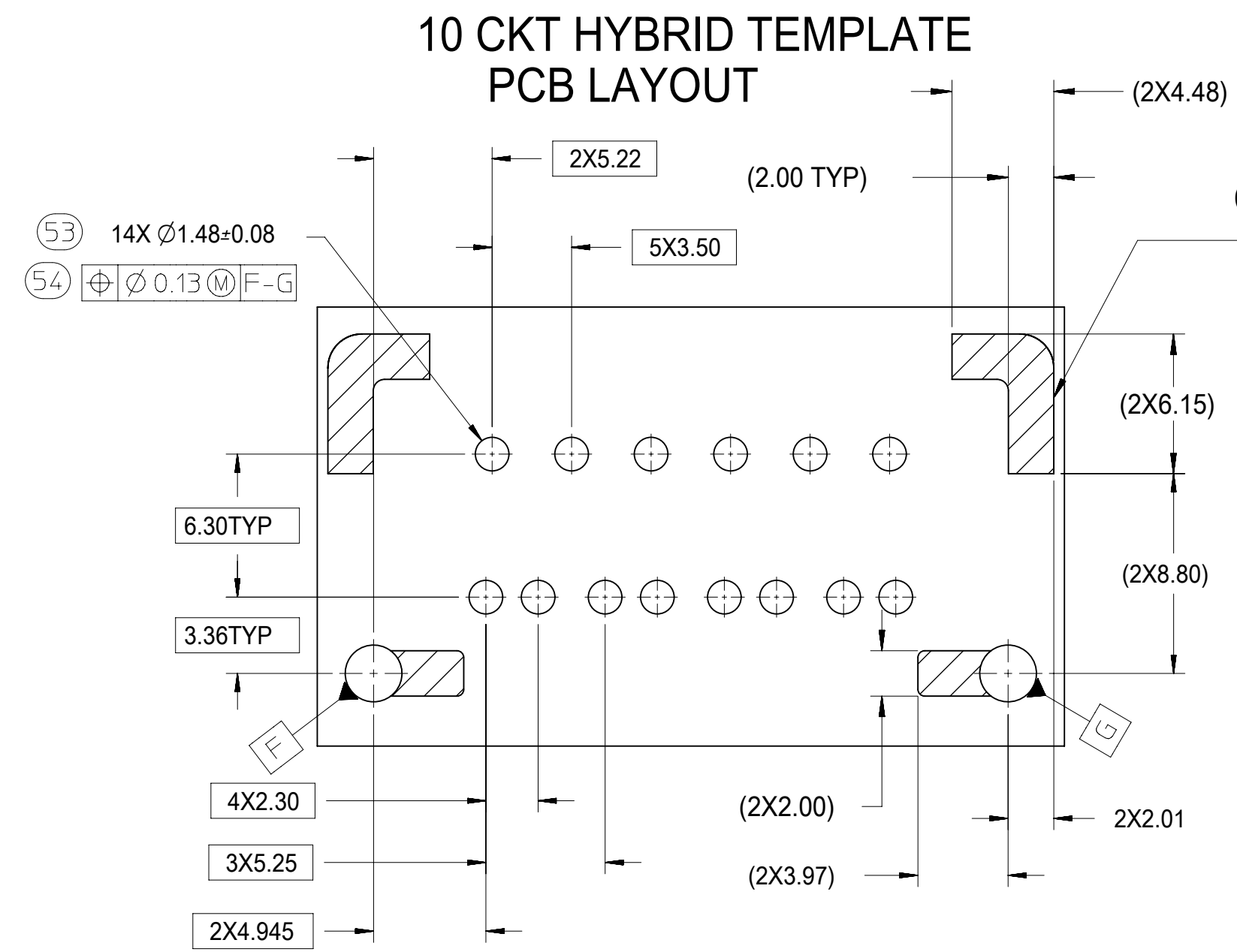
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
▽ = 0	mm	4:1	EC NO: 612618 DRWN: SHANDITHAVAL 2019/02/22 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23 INITIAL REVISION: DRWN: MBAILEY 2008/08/14 APPR: SMARCEAU 2008/08/14 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL ± 3.0°		
▽ = 0	4 PLACES ±		
▽ = 0	3 PLACES ±		
▽ = 0	2 PLACES ± 0.13		
▽ = 0	1 PLACE ± 0.25		
▽ = 0	0 PLACES ±		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER
▽ = 0		D-SIZE	3 OF 4
		SERIES	SHEET NUMBER
		34707	3 OF 4
		MATERIAL NUMBER	SHEET NUMBER
		SEE TABLE	3 OF 4
		CUSTOMER	
		GENERAL MARKET	

molex

2-BAY STAC64 VERTICAL
HEADER ASSEMBLY SALES DRAWING

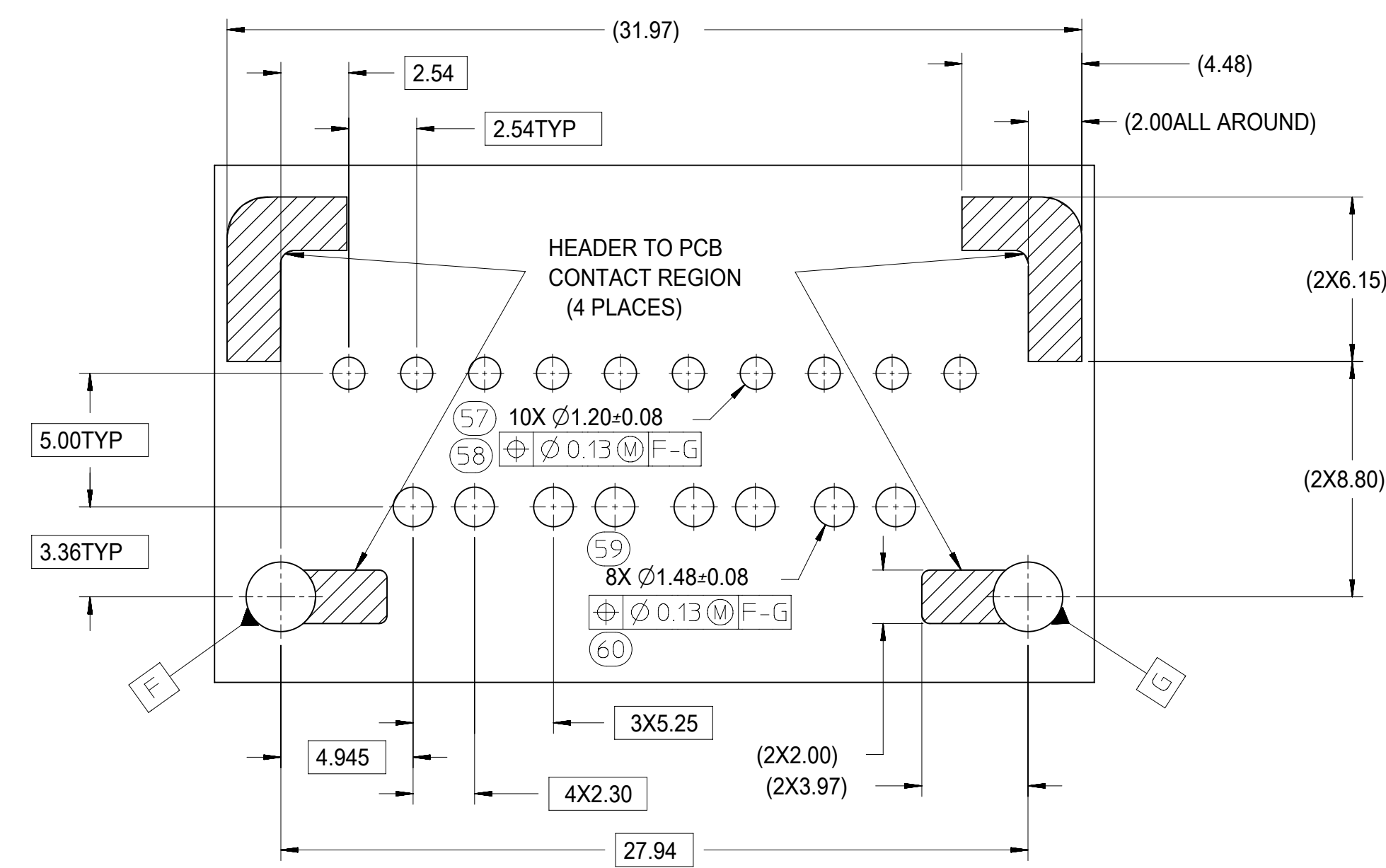
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-34707-200
DOC TYPE: PSD
DOC PART: 001
REVISION: K7



HEADER TO PCB CONTACT REGIONS (8 PLACES)

14 CKT HYBRID TEMPLATE PCB LAYOUT



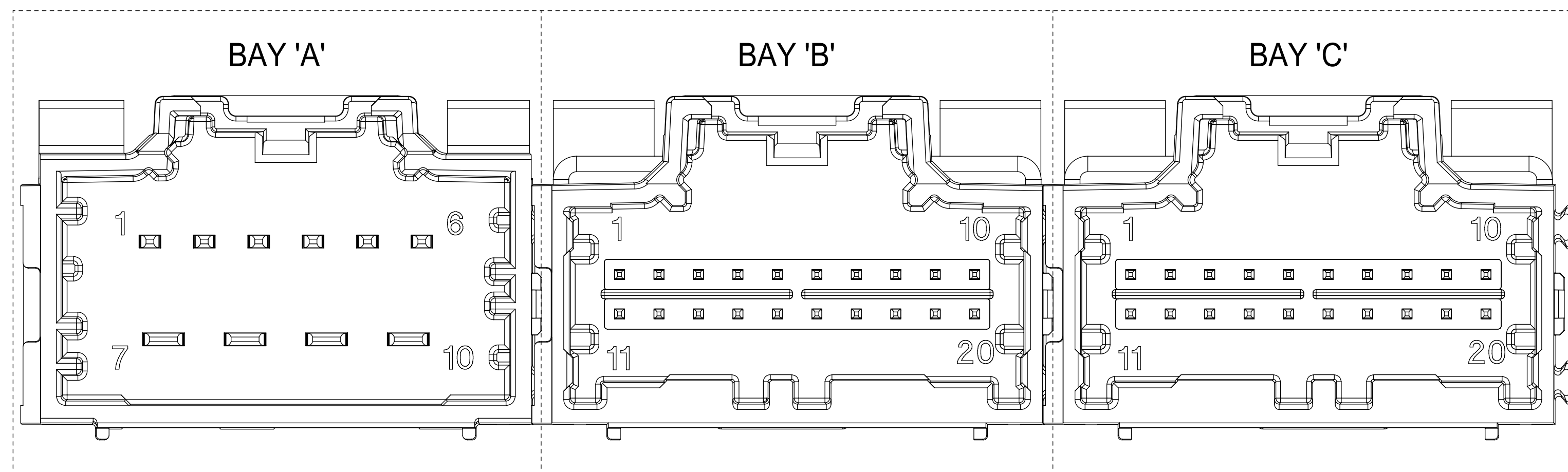
HEADER TO PCB CONTACT REGION (4 PLACES)

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
▽ = 0	mm	4:1	molex 2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-34707-200 DOC TYPE: PSD DOC PART: 001 REVISION: K7 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 4 OF 4
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▽ = 0	ANGULAR TOL ± 3.0°		
▽ = 0	4 PLACES ±		
▽ = 0	3 PLACES ±		
▽ = 0	2 PLACES ± 0.13		
▽ = 0	1 PLACE ± 0.25		
▽ = 0	0 PLACES ±		
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	EC NO: 612618 DRWN: SHANDITHAVAL 2019/02/22 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23 INITIAL REVISION: DRWN: MBAILEY 2008/08/14 APPR: SMARCEAU 2008/08/14
▽ = 0	D-DRAWING	SERIES	D-DRAWING D-SIZE 34707

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

PART NUMBER (TUBE PKG)	PART NUMBER (TRAY PKG)	BAY A			BAY B			BAY C			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'
		CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL					
TBD	34707-3010	20	0.64mm	A	8	0.64mm	A	16	0.64mm	A	79.52	77.05	22.86	12.70	27.94
TBD	34707-3020	16	0.64mm	B	8	0.64mm	B	20	0.64mm	B	79.52	77.05	27.94	12.70	22.86
TBD	34707-3021	10	HYBRID	A	20	0.64mm	C	20	0.64mm	D	99.84	97.37	27.94	27.94	27.94
TBD	34707-3030	12	0.64mm	A	20	0.64mm	C	20	0.64mm	D	89.68	87.21	27.94	27.94	17.78
TBD	34707-3040	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	99.84	97.37	27.94	27.94	27.94
TBD	34707-3050	16	0.64mm	A	16	0.64mm	B	16	0.64mm	C	84.60	82.13	22.86	22.86	22.86
TBD	34707-3060	20	0.64mm	B	16	0.64mm	C	10	HYBRID	A	94.76	92.29	27.94	22.86	27.94
TBD	34707-3070	10	HYBRID	A	10	HYBRID	B	10	HYBRID	C	99.84	97.37	27.94	27.94	27.94
TBD	34707-3090	20	0.64mm	A	20	0.64mm	C	8	0.64mm	B	84.60	82.13	27.94	27.94	12.70
TBD	34707-3100	14	HYBRID	A	20	0.64mm	A	20	0.64mm	B	99.84	97.37	27.94	27.94	27.94

3-BAY STAC64 VERTICAL HEADER ASSEMBLY
(P/N: 34707-3021 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:

PRODUCT SPECIFICATION:
8-20 CKT 0.64mm PRODUCT SPEC: PS-34729-020/PS-31408-100
10/14 CKT HYBRID PRODUCT SPEC: PS-31372-100

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: AS-34729-020/AS-31408-100

c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-892 (TRAY)
c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-063 (TUBE)

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GF
COLOR:
POL A - BLACK
POL B - GRAY
POL C - BROWN
POL D - GREEN

b. 0.64mm PINS:
BASE MATERIAL: C26000
PLATING TYPE: AS NOTED

1.50/2.80mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

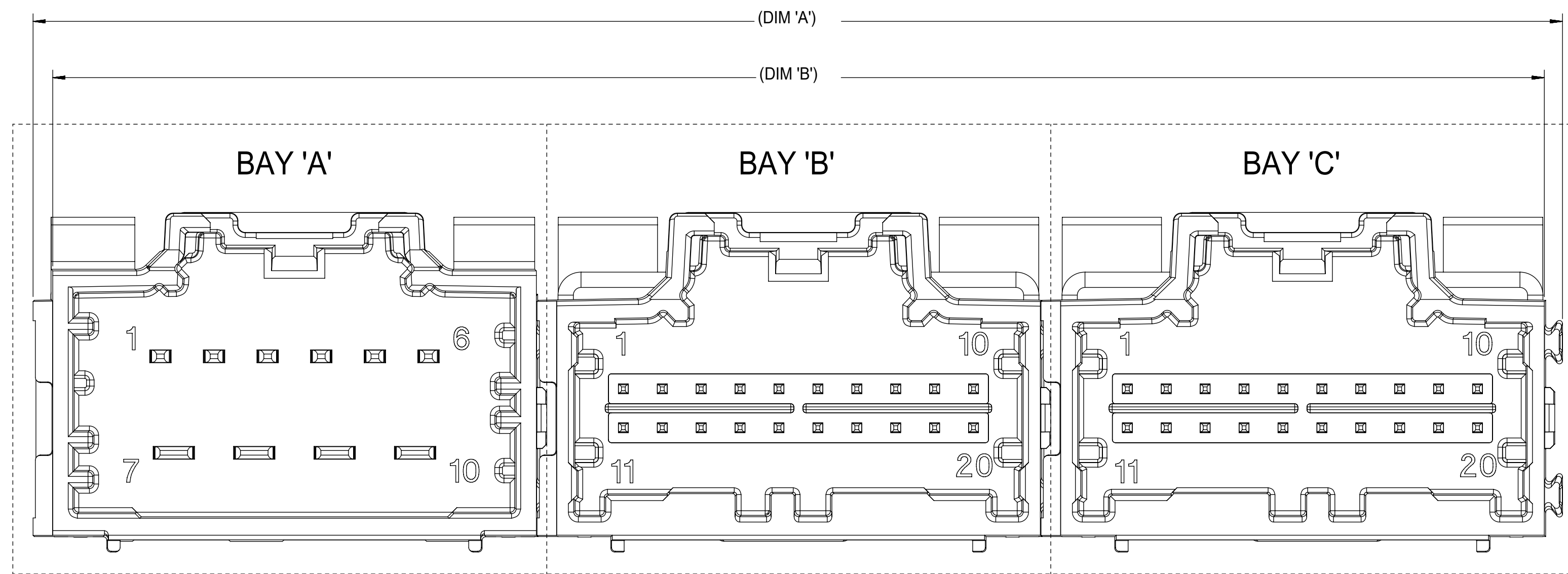
a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

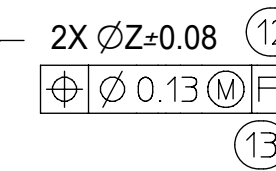
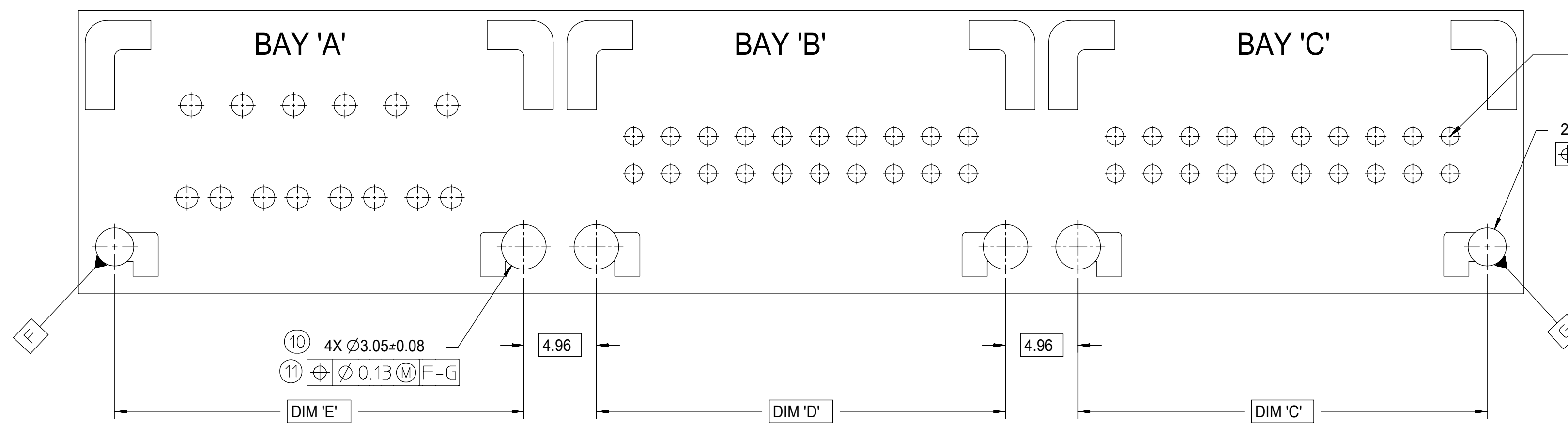
4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING

SINGLE BAY DRAWINGS:
8-20 CKT 0.64: SD-34690-100
10 CKT HYBRID: SD-34695-100
14 CKT HYBRID: SD-34772-200

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
▽ = 0	mm	4:1	EC NO: 612618 DRWN: SHANDITHAVAL 2019/02/22 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23 INITIAL REVISION: DRWN: JDUNAJ 2009/03/10 APPR: SMARCEAU 2009/03/11
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL ± 1.0°		
▽ = 0	4 PLACES	±	
▽ = 0	3 PLACES	±	
▽ = 0	2 PLACES	± 0.13	
▽ = 0	1 PLACE	± 0.25	
▽ = 0	0 PLACES	±	
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION
▽ = 0			DRAWING D-SIZE
		SERIES 34707	
DOCUMENT STATUS P1		RELEASE DATE 2019/02/23 23:32:58	DOCUMENT NUMBER SD-34707-300
			DOC TYPE PSD
			DOC PART 001
			REVISION K2
			MATERIAL NUMBER SEE TABLE
			CUSTOMER GENERAL MARKET
			SHEET NUMBER 1 OF 4



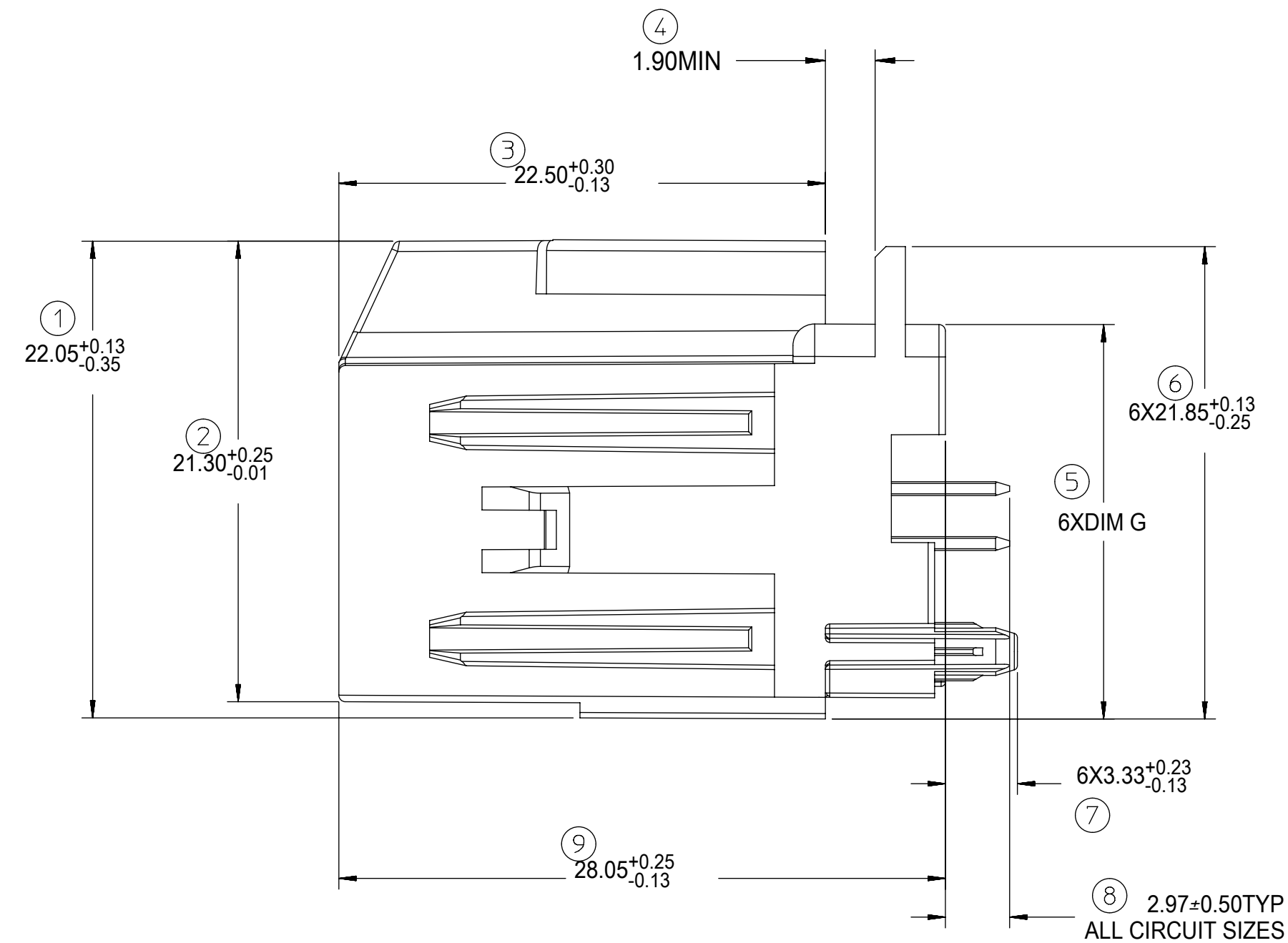
RECOMMENDED PCB LAYOUT
 INSERT NECESSARY BAYS USING CHART ON SHEET 1



FOR PIN LOCATION,
 REFER TO TEMPLATES ON SHEET 4

POST HOLE TABLE:

FOR DIM Z:	
PRESS FIT:	2.60
DROP IN:	3.05

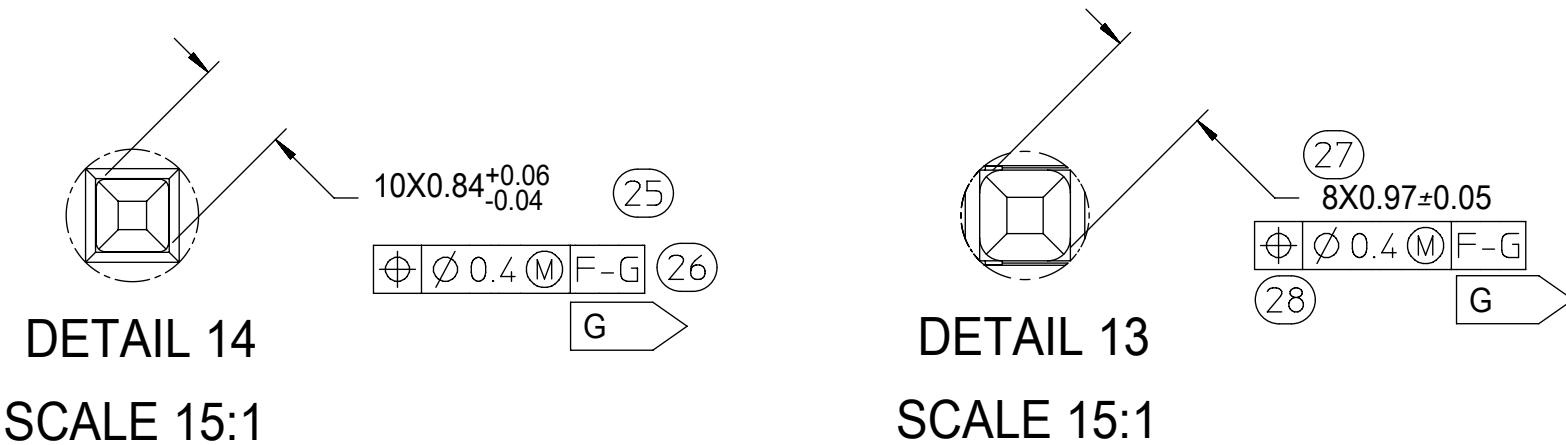
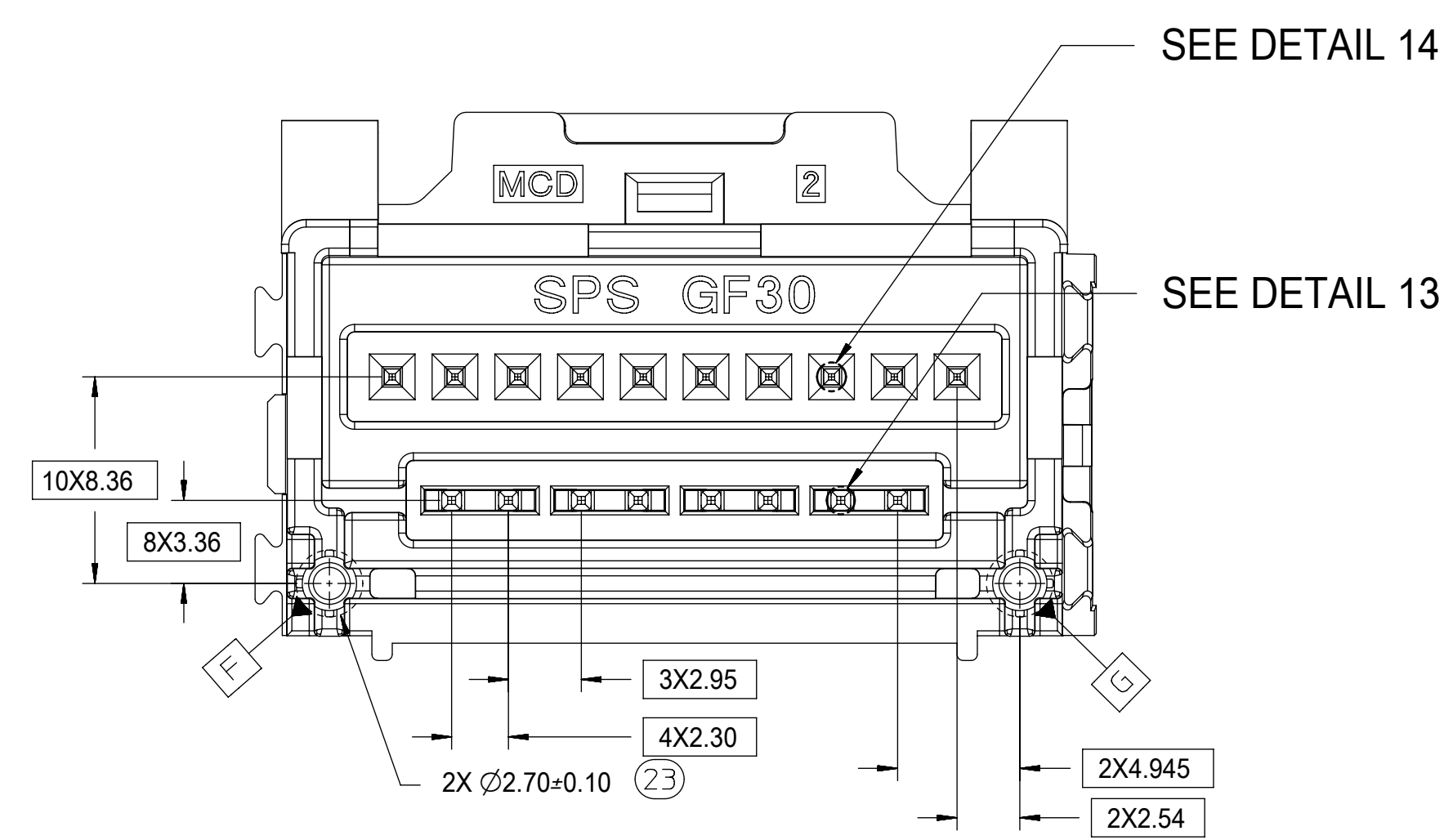
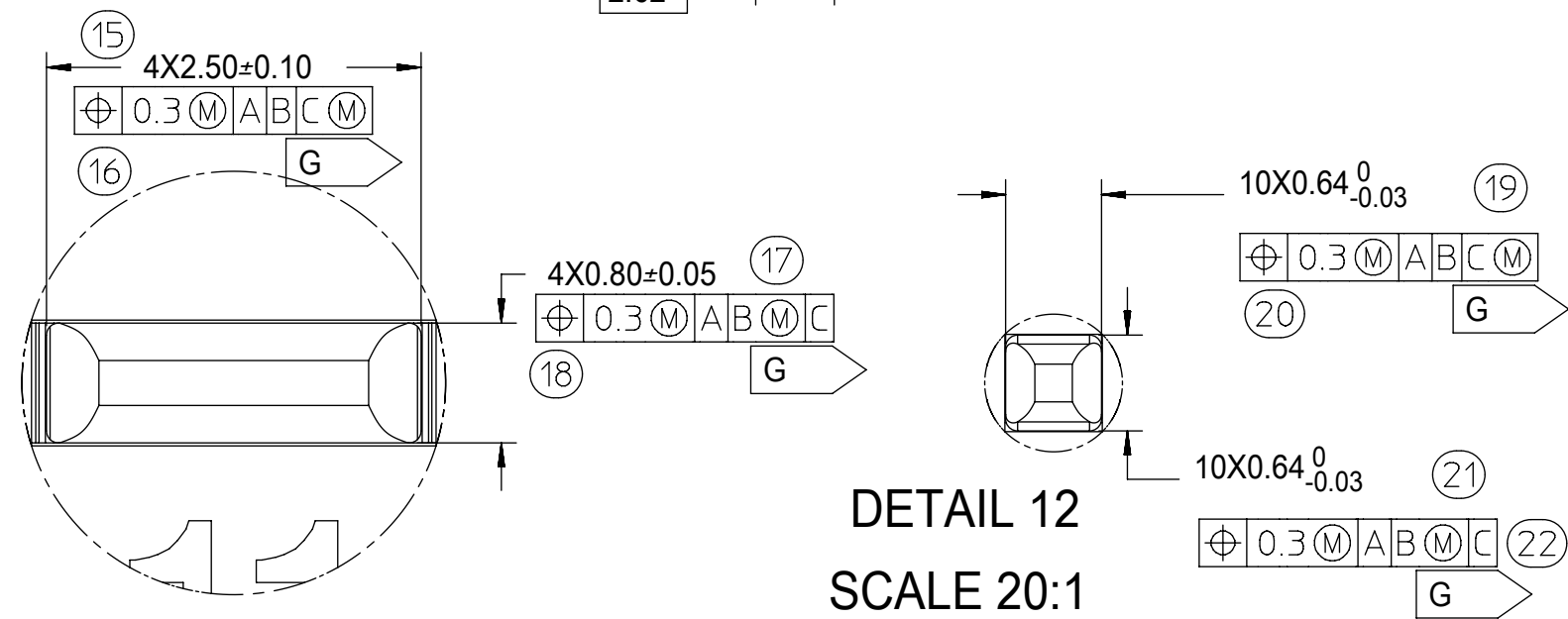
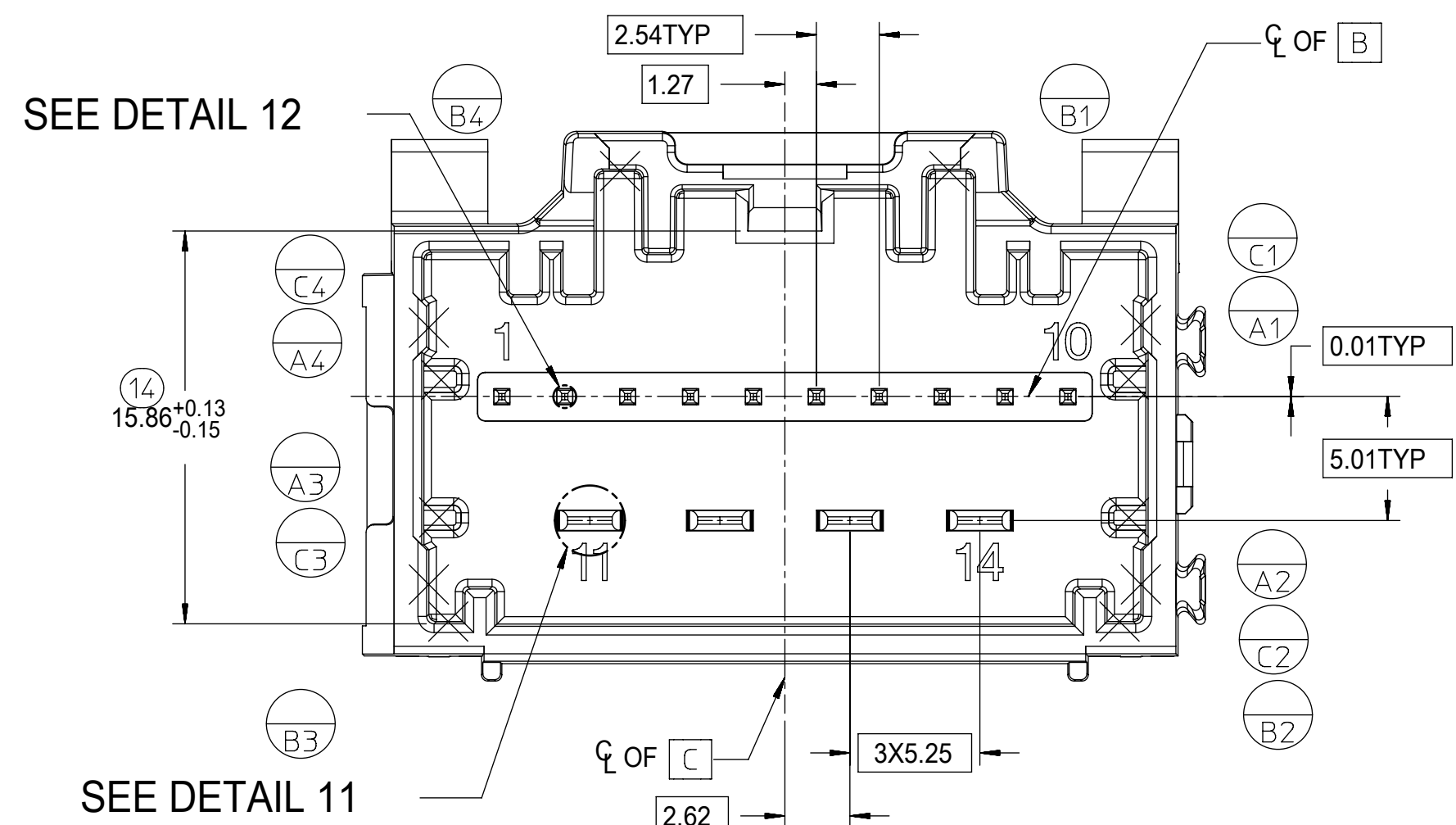


FOR DIM G:

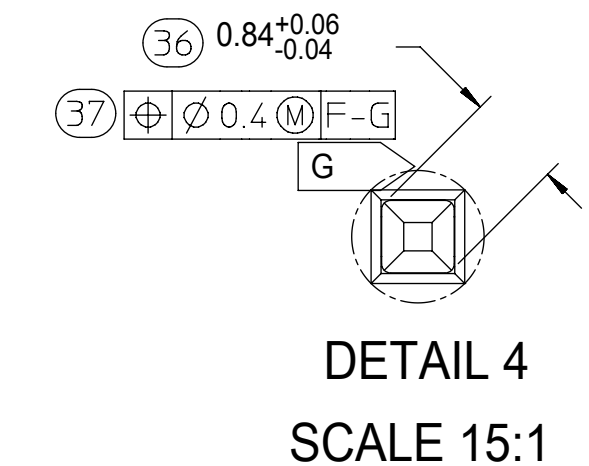
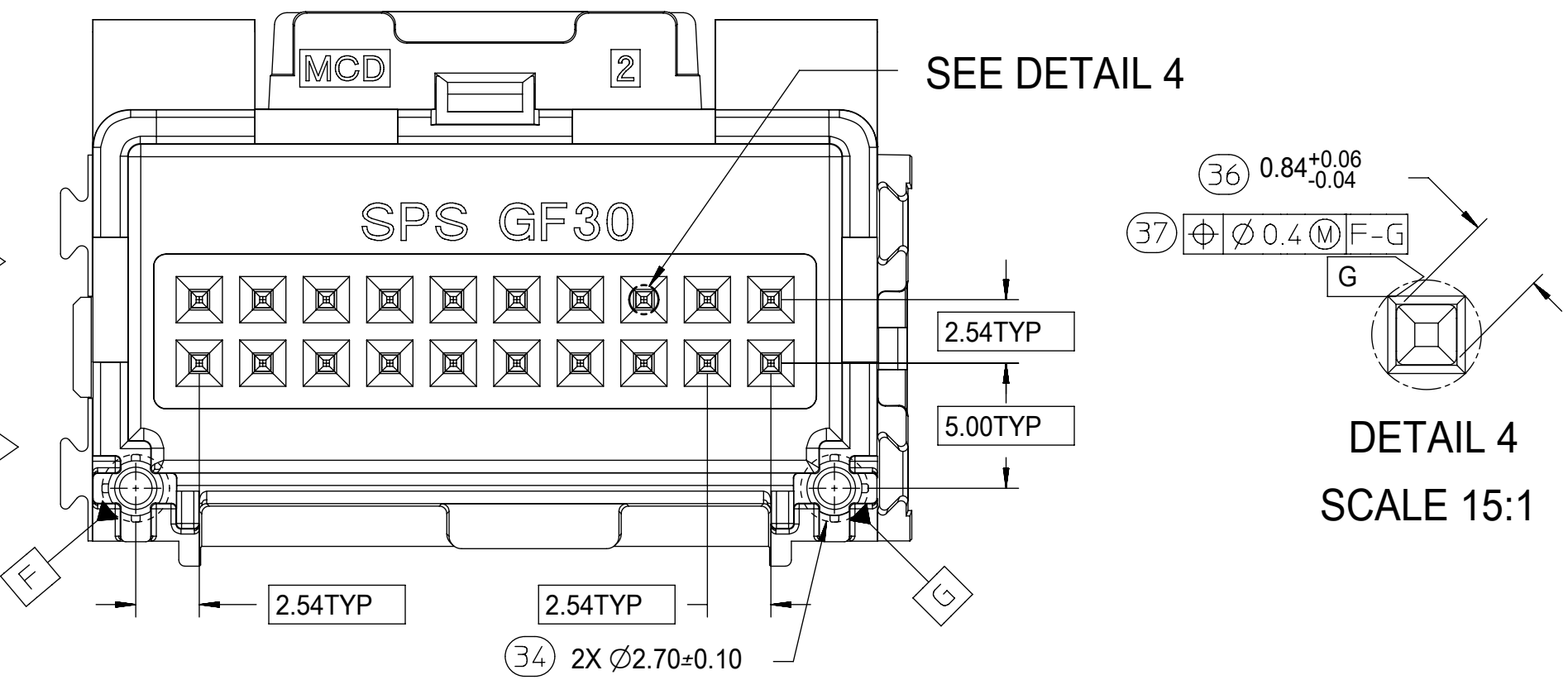
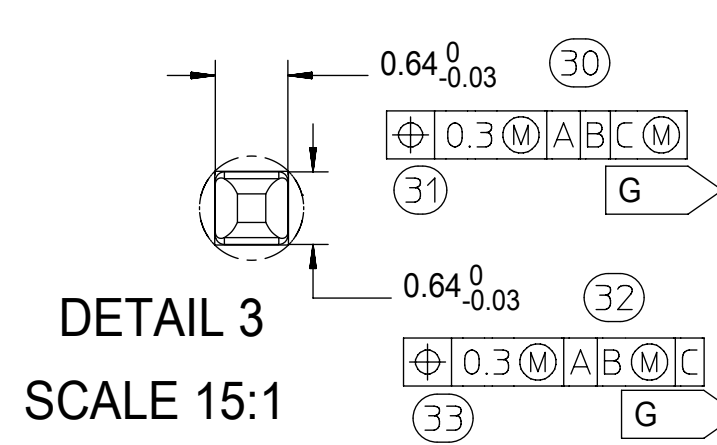
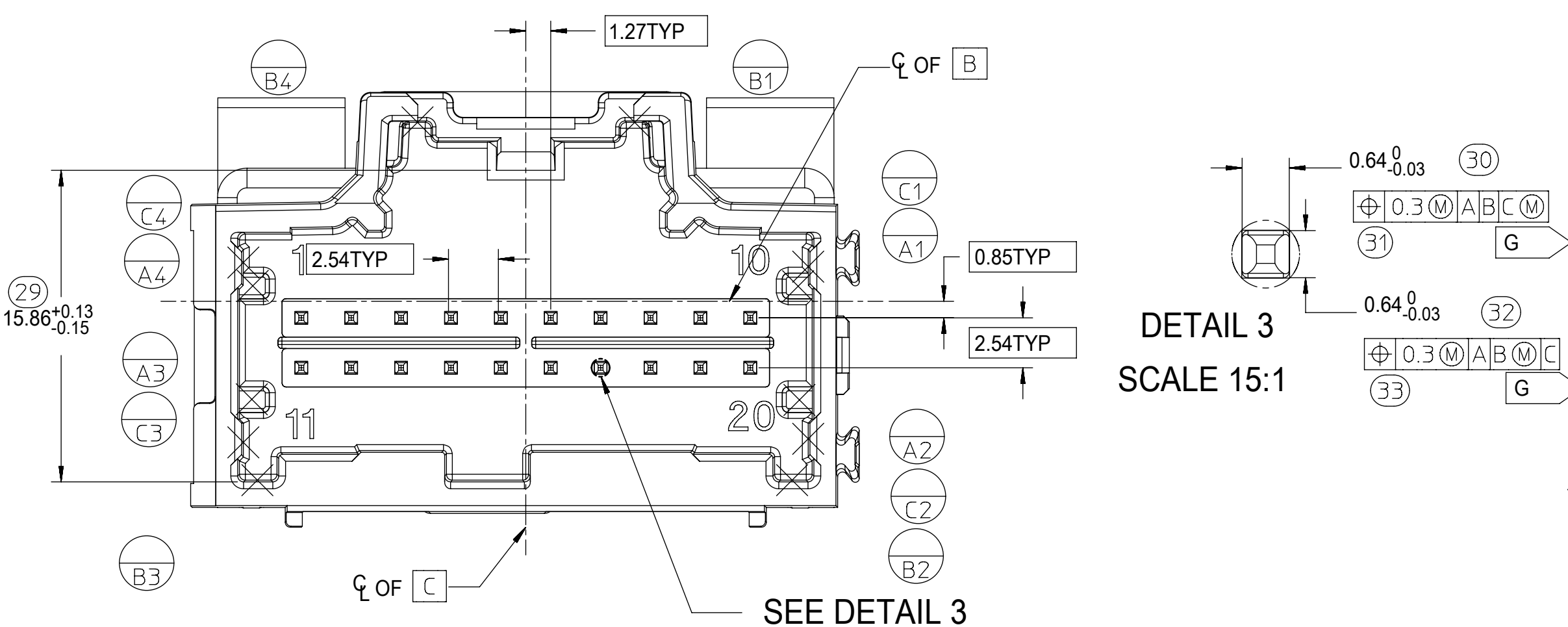
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
▽ = 0	mm	4:1	molex 3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL ± 1.0°		
▽ = 0	4 PLACES	±	
▽ = 0	3 PLACES	±	
▽ = 0	2 PLACES	± 0.13	EC NO: 612618 DRWN: SHANDITHAVAL 2019/02/22 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23
▽ = 0	1 PLACE	± 0.25	
▽ = 0	0 PLACES	±	INITIAL REVISION: DRWN: JDUNAJ 2009/03/10 APPR: SMARCEAU 2009/03/11
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES
		D-SIZE	34707
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-34707-300		PSD	001
REVISION		K2	
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
SEE TABLE		GENERAL MARKET	2 OF 4

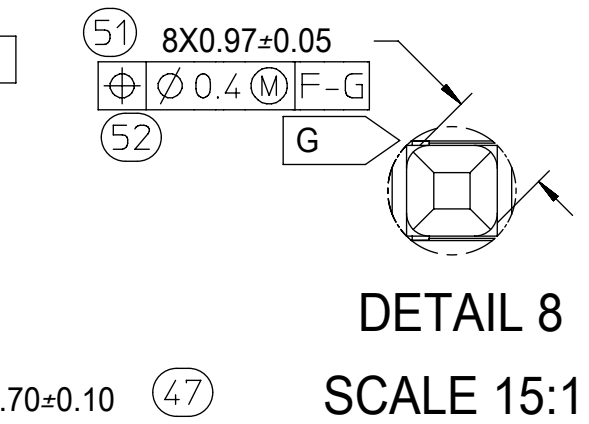
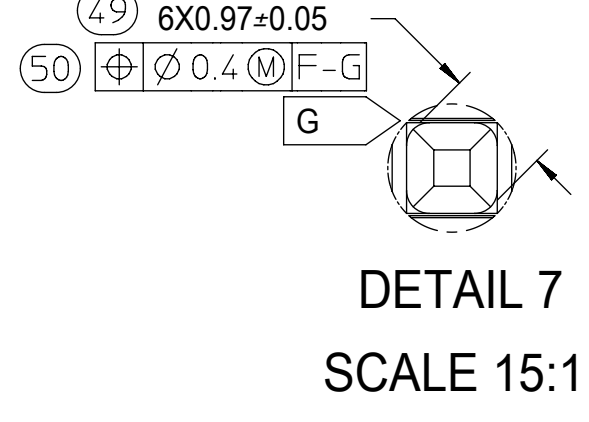
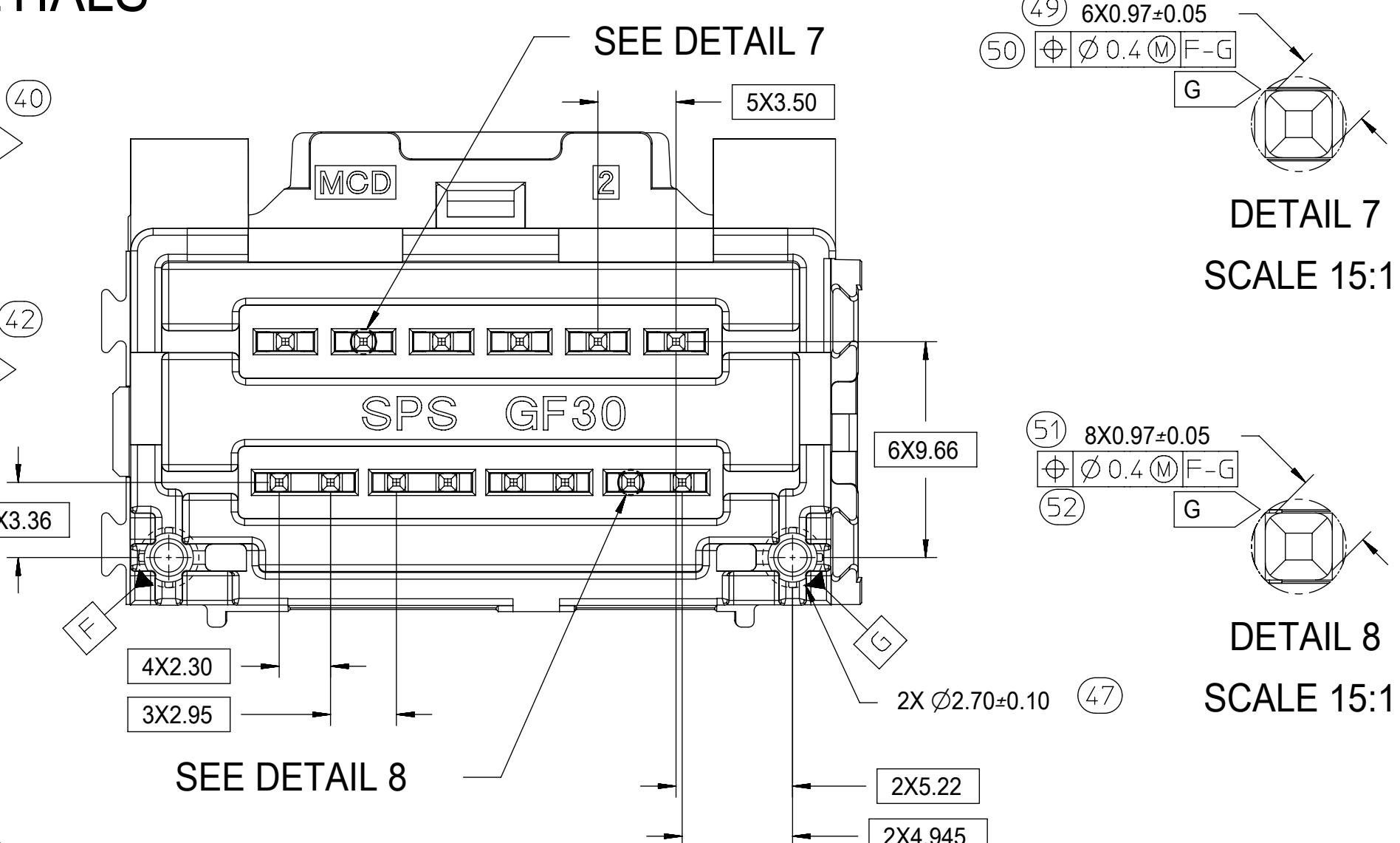
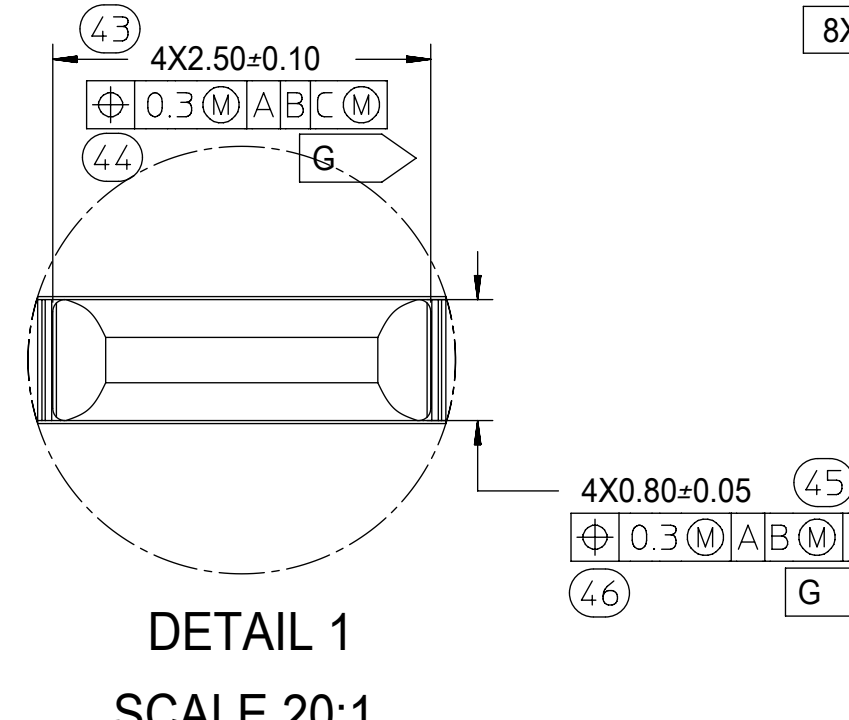
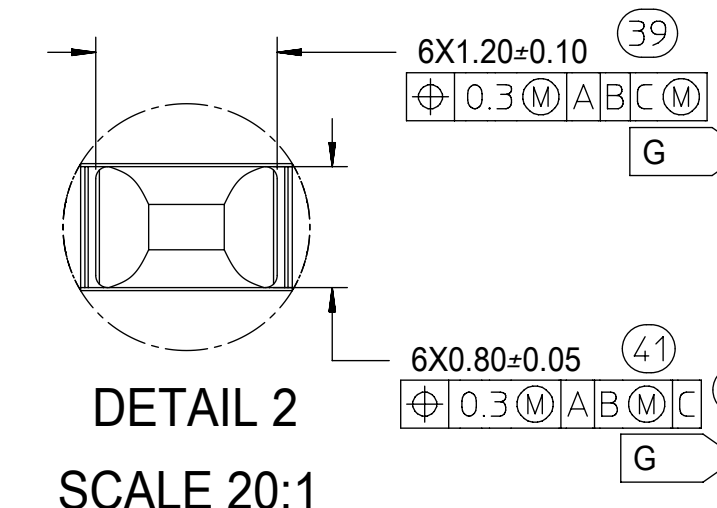
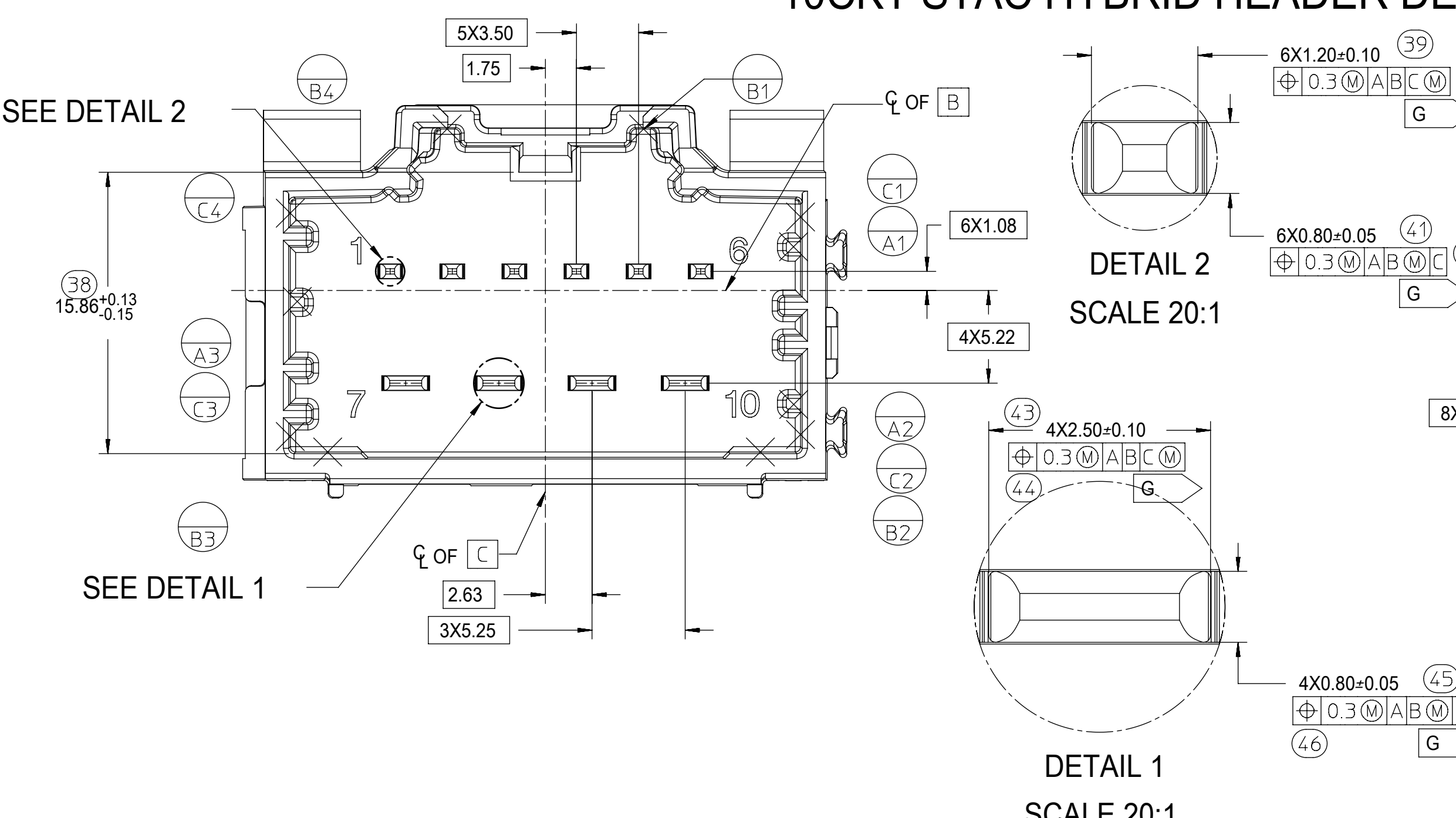
14CKT STAC HYBRID HEADER DETAILS



8-20CKT STAC 0.64mm HEADER DETAILS

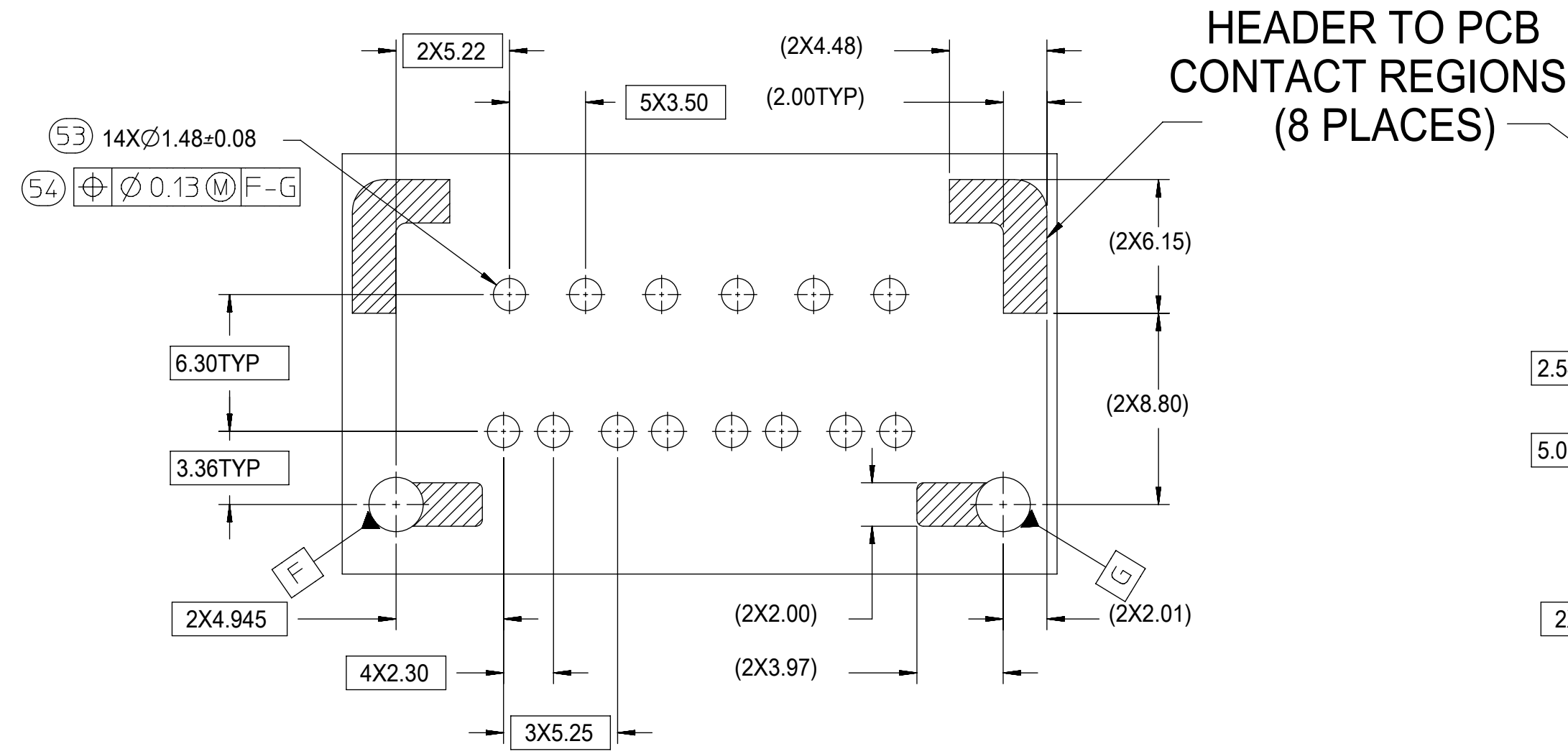


10CKT STAC HYBRID HEADER DETAILS

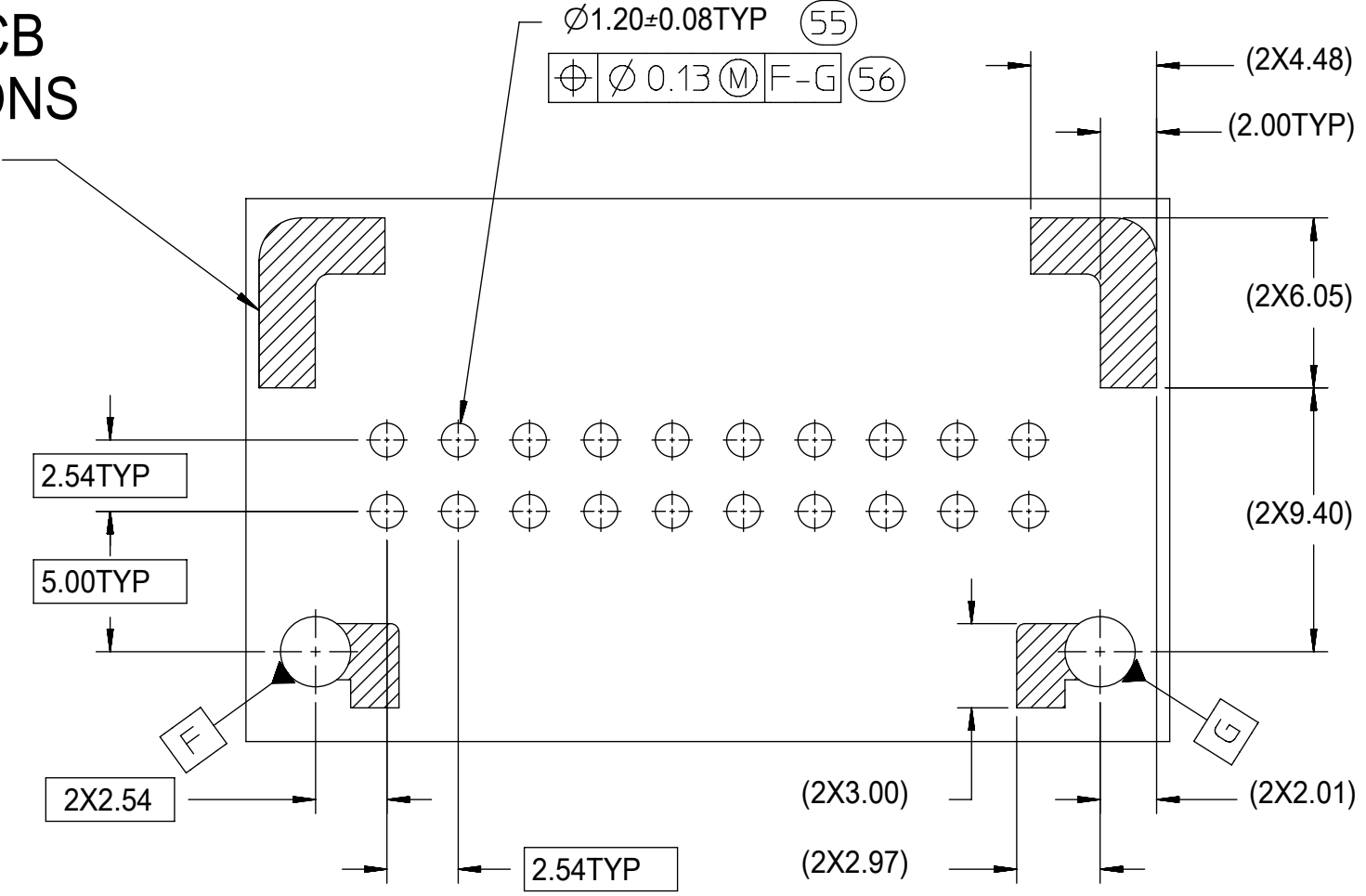


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex
	DIMENSION UNITS	SCALE			
▽ = 0	mm	4:1			3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0	ANGULAR TOL ± 1.0°				PRODUCT CUSTOMER DRAWING
▽ = 0	4 PLACES ±				
▽ = 0	3 PLACES ±				DOCUMENT NUMBER
▽ = 0	2 PLACES ± 0.13				
▽ = 0	1 PLACE ± 0.25				DOC TYPE
▽ = 0	0 PLACES ±				
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EC NO: 612618			2019/02/22		PSD
DRWN: SHANDITHAVAL			2019/02/23		
CHK'D: RBAUMAN			2019/02/23		001
APPR: RBAUMAN			2019/02/23		
INITIAL REVISION:			2019/03/11		K2
DRWN: JDUNAJ			2019/03/11		
APPR: SMARCEAU			2019/03/11		REVISION
DOCUMENT NUMBER		CUSTOMER		SHEET NUMBER	
SD-34707-300		GENERAL MARKET		3 OF 4	

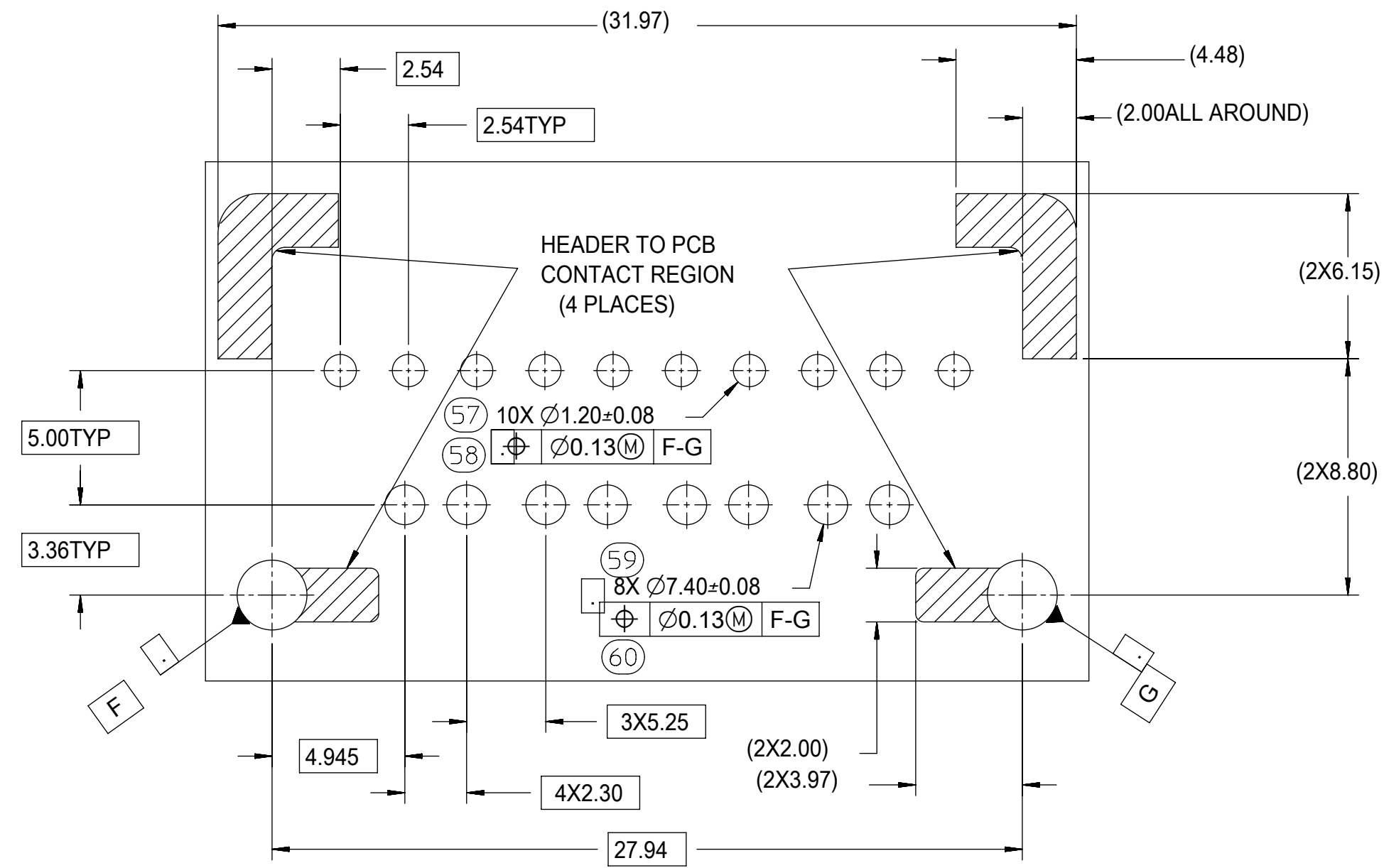
10 CKT HYBRID TEMPLATE
PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE
PCB LAYOUT



14 CKT HYBRID TEMPLATE
PCB LAYOUT

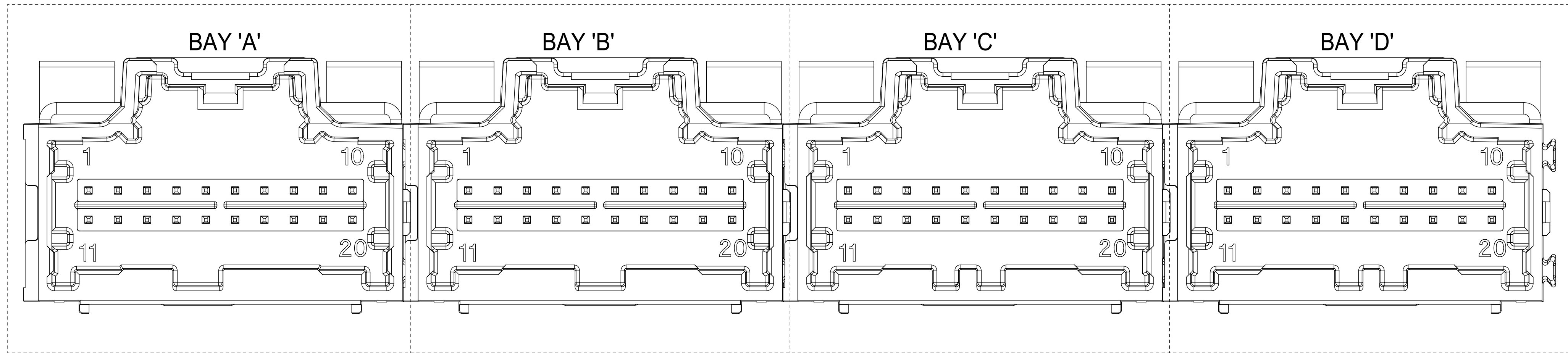


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
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▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL ± 1.0°		
▽ = 0	4 PLACES ±		
▽ = 0	3 PLACES ±		
▽ = 0	2 PLACES ± 0.13		DOCUMENT NUMBER SD-34707-300
▽ = 0	1 PLACE ± 0.25		
▽ = 0	0 PLACES ±		DOC PART 001
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		REVISION K2
■ = 0	THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER 4 OF 4
▽ = 0		D-SIZE	MATERIAL NUMBER SEE TABLE
		SERIES 34707	CUSTOMER GENERAL MARKET

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

PART NUMBER (TUBE PKG)	PART NUMBER (TRAY PKG)	BAY A			BAY B			BAY C			BAY D			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
		CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL						
34707-9000	34707-4000	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	20	0.64mm	D	132.74	130.27	27.94	27.94	27.94	27.94
TBD	34707-4010	12	0.64mm	A	20	0.64mm	A	8	0.64mm	A	16	0.64mm	A	102.26	99.79	17.78	27.94	12.70	22.86
TBD	34707-4020	20	0.64mm	D	20	0.64mm	C	20	0.64mm	B	20	0.64mm	A	132.74	130.27	27.94	27.94	27.94	27.94

4 BAY STAC64 VERTICAL HEADER ASSEMBLY
(P/N: 34707-4000 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:

PRODUCT SPECIFICATION:
8-20 CKT 0.64mm PRODUCT SPEC: PS-34729-020/PS-31408-100
10/14 CKT HYBRID PRODUCT SPEC: PS-31372-100

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: AS-34729-020/AS-31408-100

c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-892 (TRAY)
d. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-063 (TUBE)

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GF

b. 0.64mm PINS:
BASE MATERIAL: C26000
PLATING TYPE: AS NOTED

1.50/2.80mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

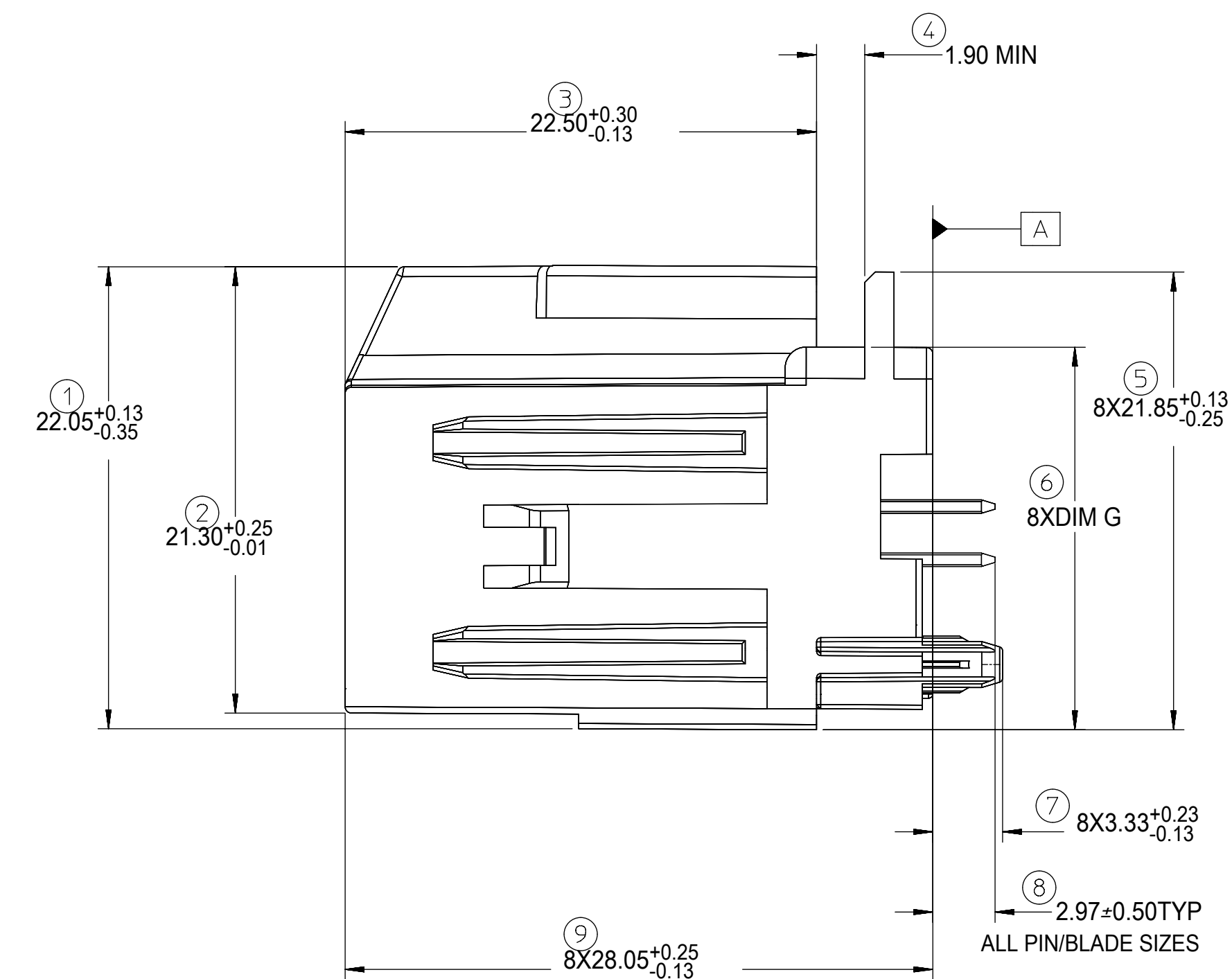
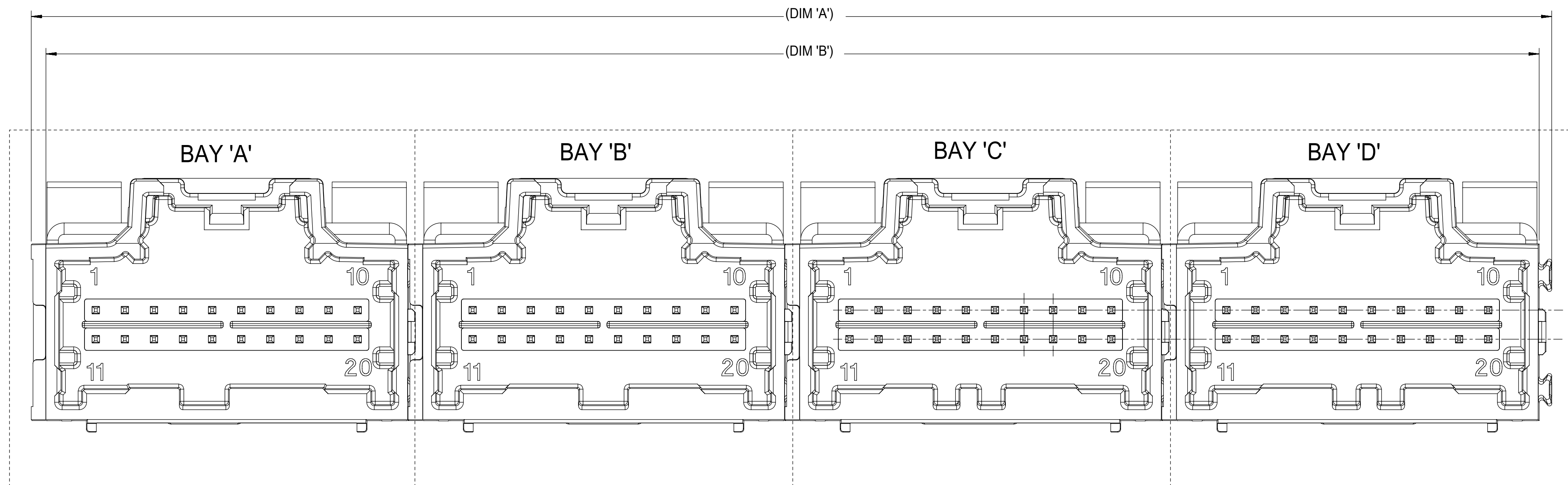
3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

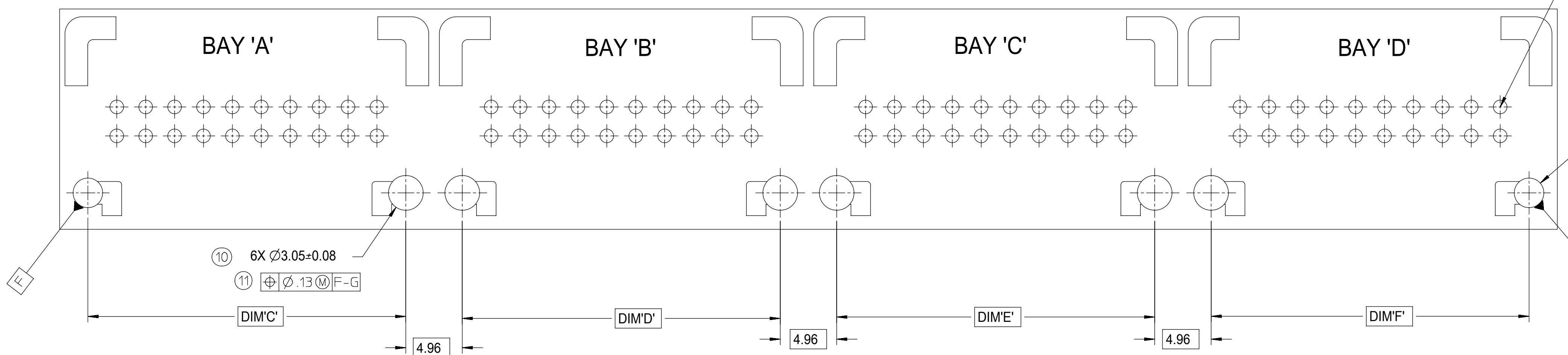
4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING
SINGLE BAY DRAWINGS:
8-20 CKT 0.64: SD-34690-100
10 CKT HYBRID: SD-34695-100
14 CKT HYBRID: SD-34772-200

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		
	DIMENSION UNITS	SCALE			
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▽ = 0	3 PLACES ±		CHK'D: RBAUMAN 2019/02/23		DOC TYPE DOC PART REVISION PSD 001 D9
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▽ = 0	1 PLACE ± 0.25		INITIAL REVISION:		MATERIAL NUMBER CUSTOMER SHEET NUMBER SEE TABLE GENERAL MARKET 1 OF 4
▽ = 0	0 PLACES ±		DRWN: VDANIELE 2008/11/14		
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▽ = 0	THIRD ANGLE PROJECTION		DRAWING SERIES		
▽ = 0	D-SIZE		34707		



FOR DIM G:	
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAY'S USING THE CHART ON SHEET 1



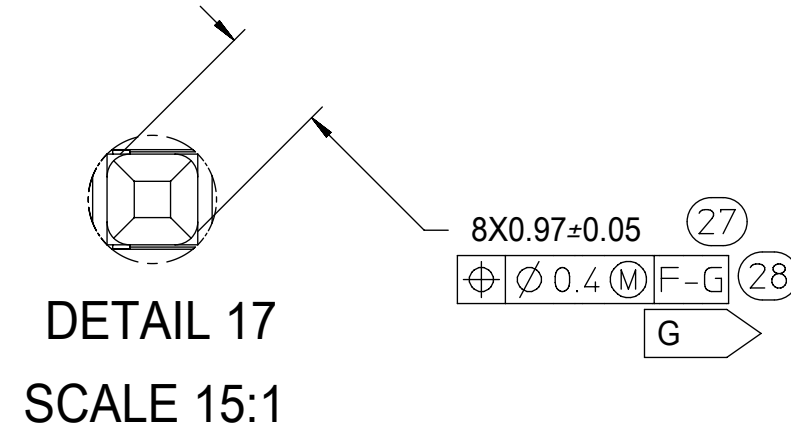
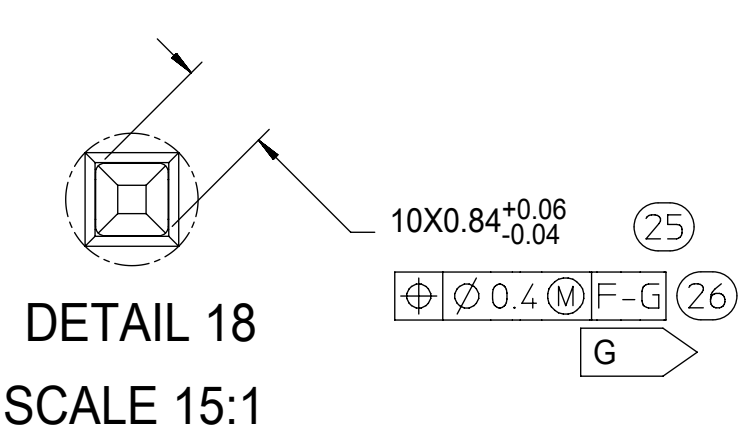
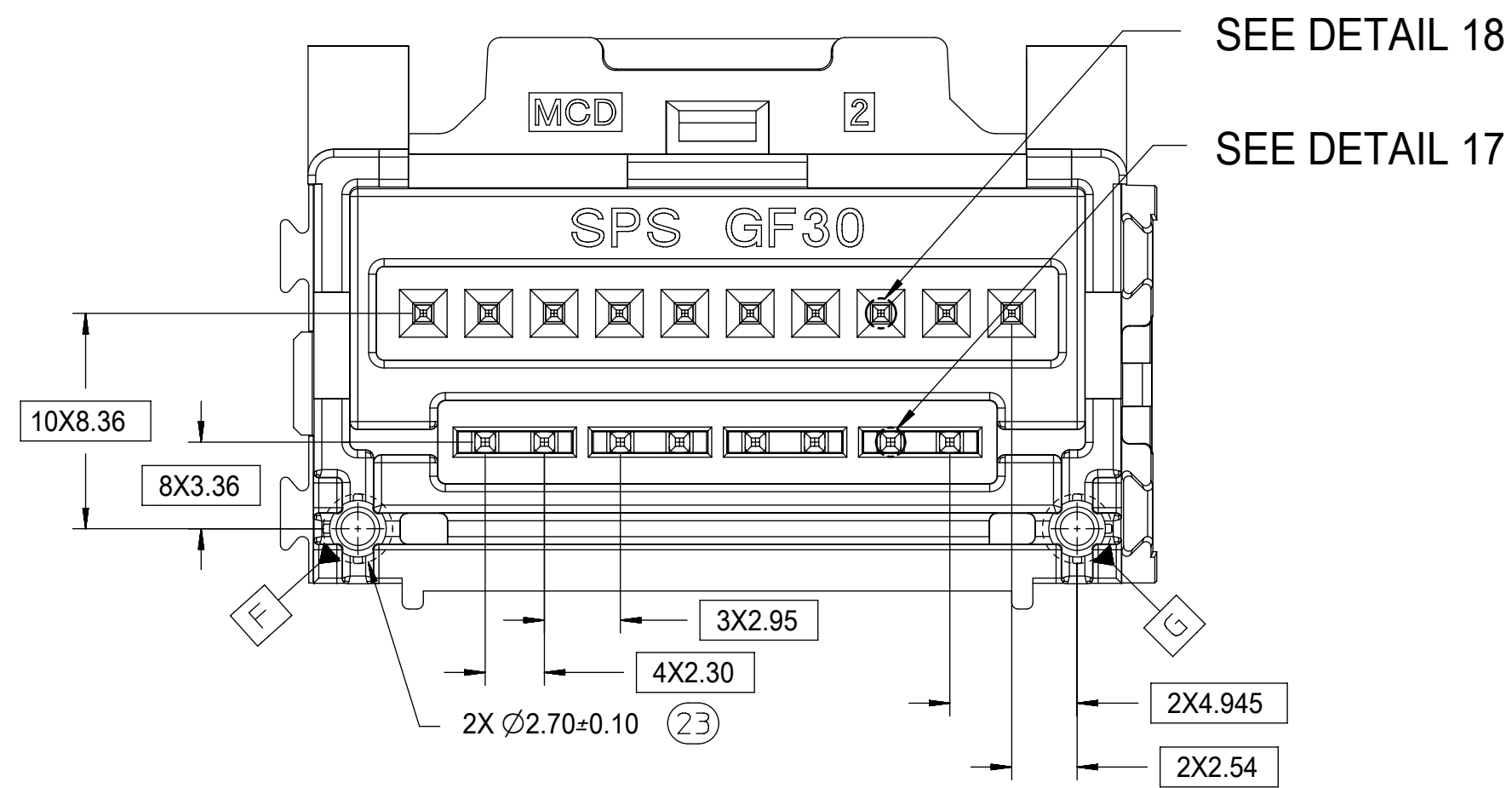
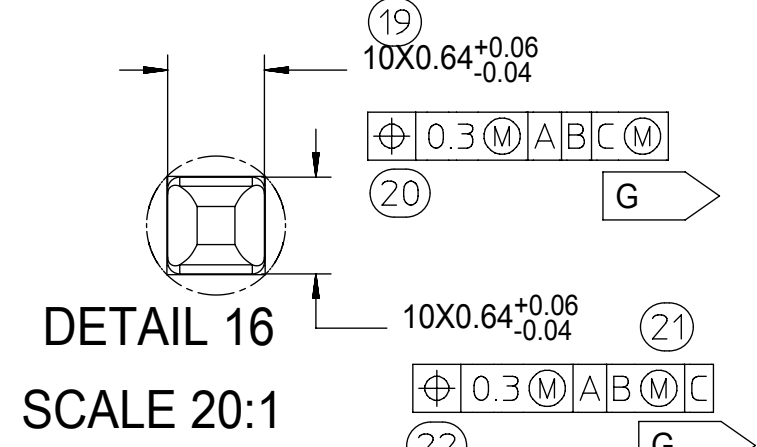
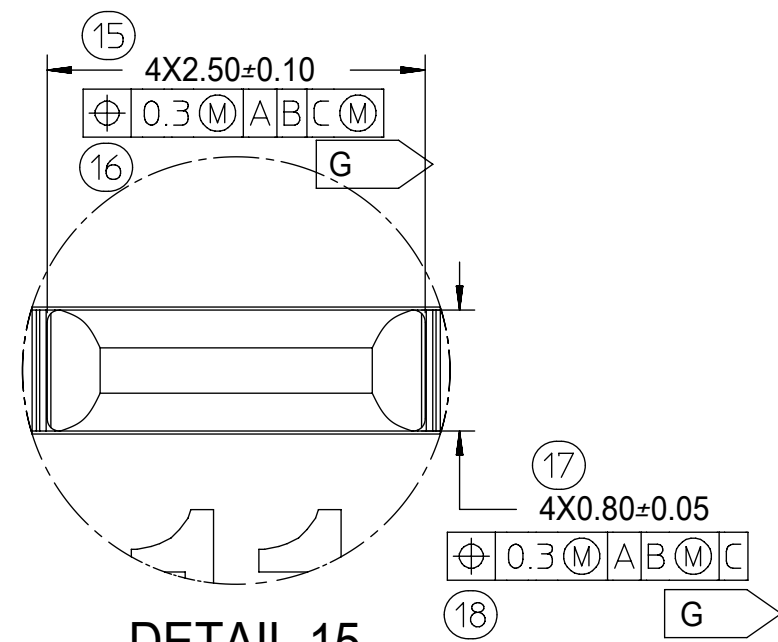
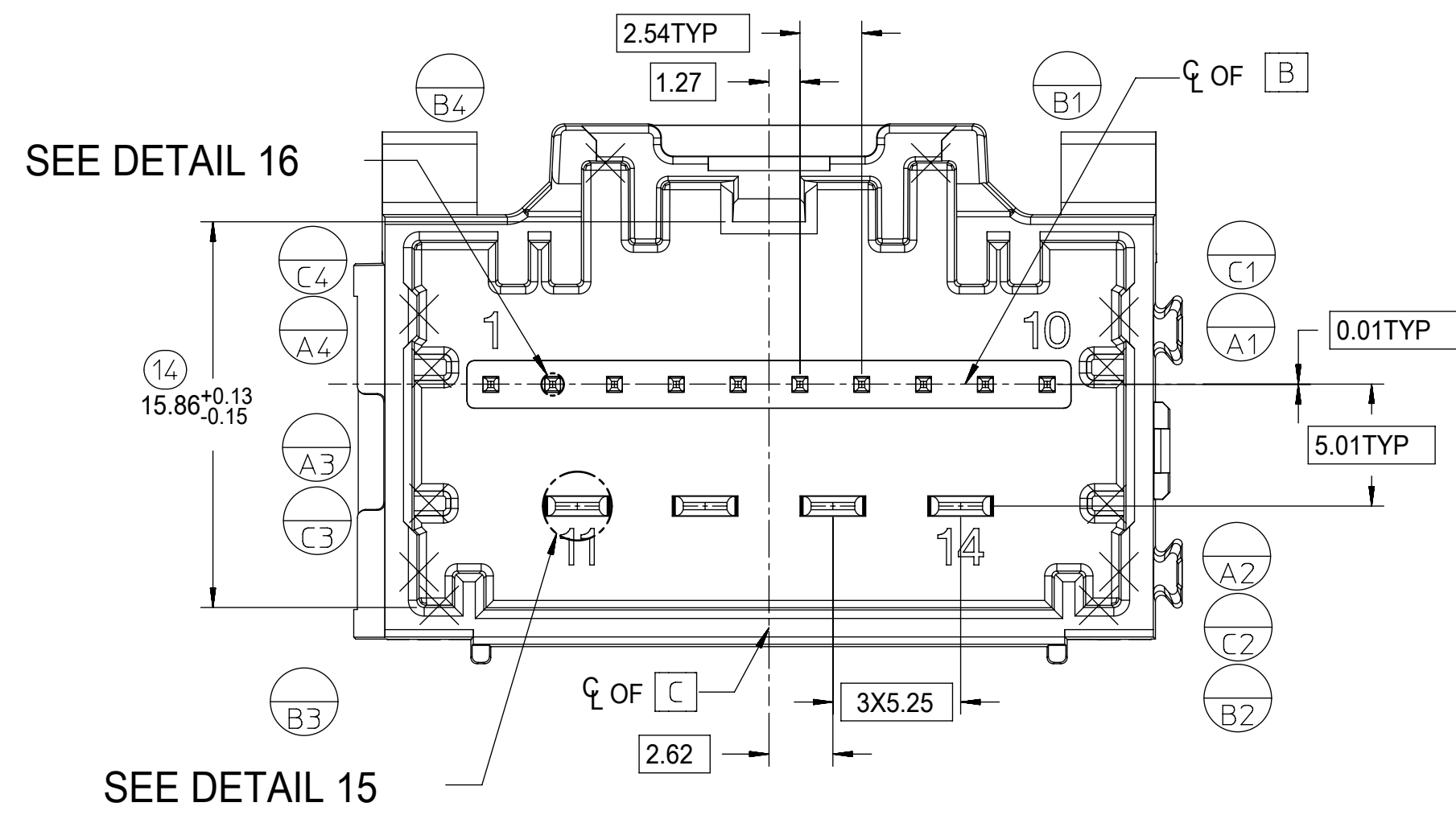
FOR HOLE LOCATION REFER TO TEMPLATES ON SHEET 4

2X $\varnothing Z \pm 0.08$ (12)
 $\varnothing .13$ (M) (F) (13)
 POST HOLE TABLE

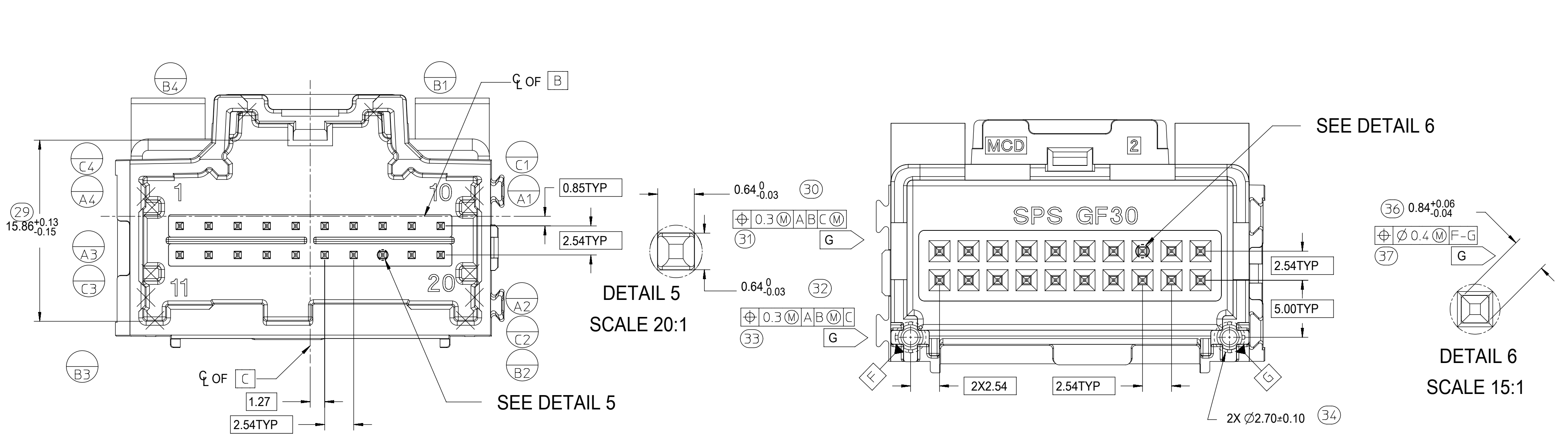
FOR DIM Z:	
PRESS FIT	2.60
DROP IN	3.05

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:				
	DIMENSION UNITS	SCALE					
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14KCT STAC HYBRID HEADER DETAILS



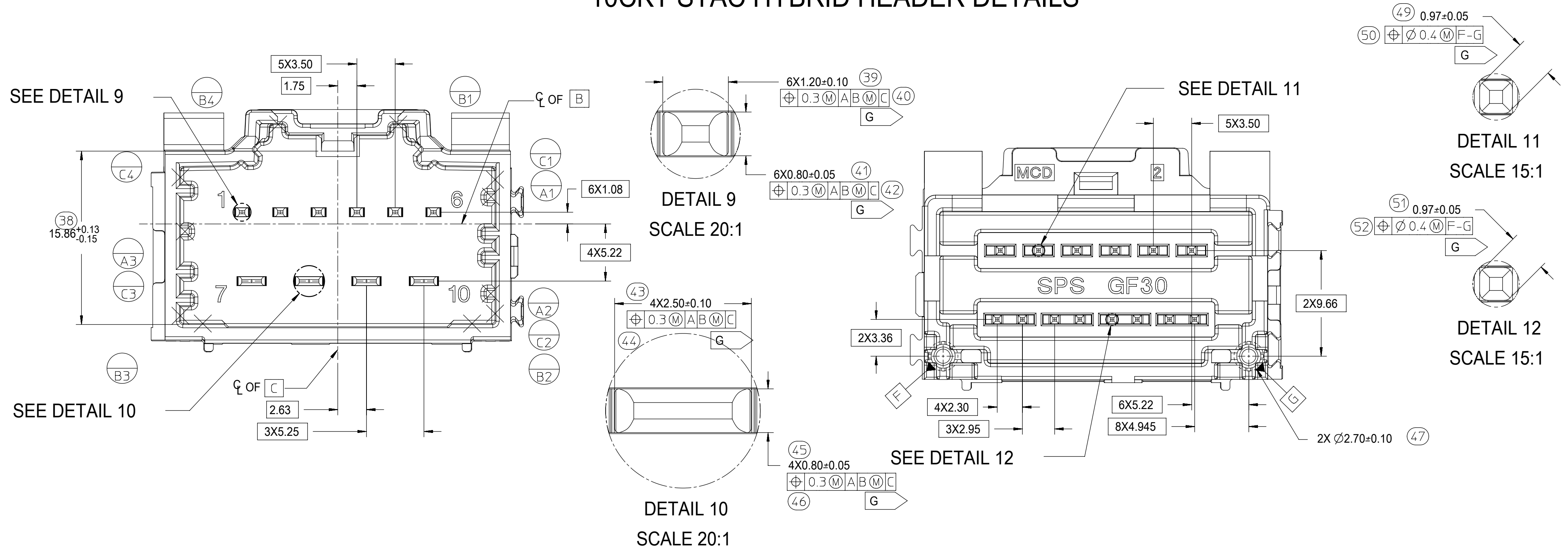
8-20KCT STAC 0.64mm HEADER DETAILS



DETAIL 5
SCALE 20:1

DETAIL 6
SCALE 15:1

10KCT STAC HYBRID HEADER DETAILS



DETAIL 9
SCALE 20:1

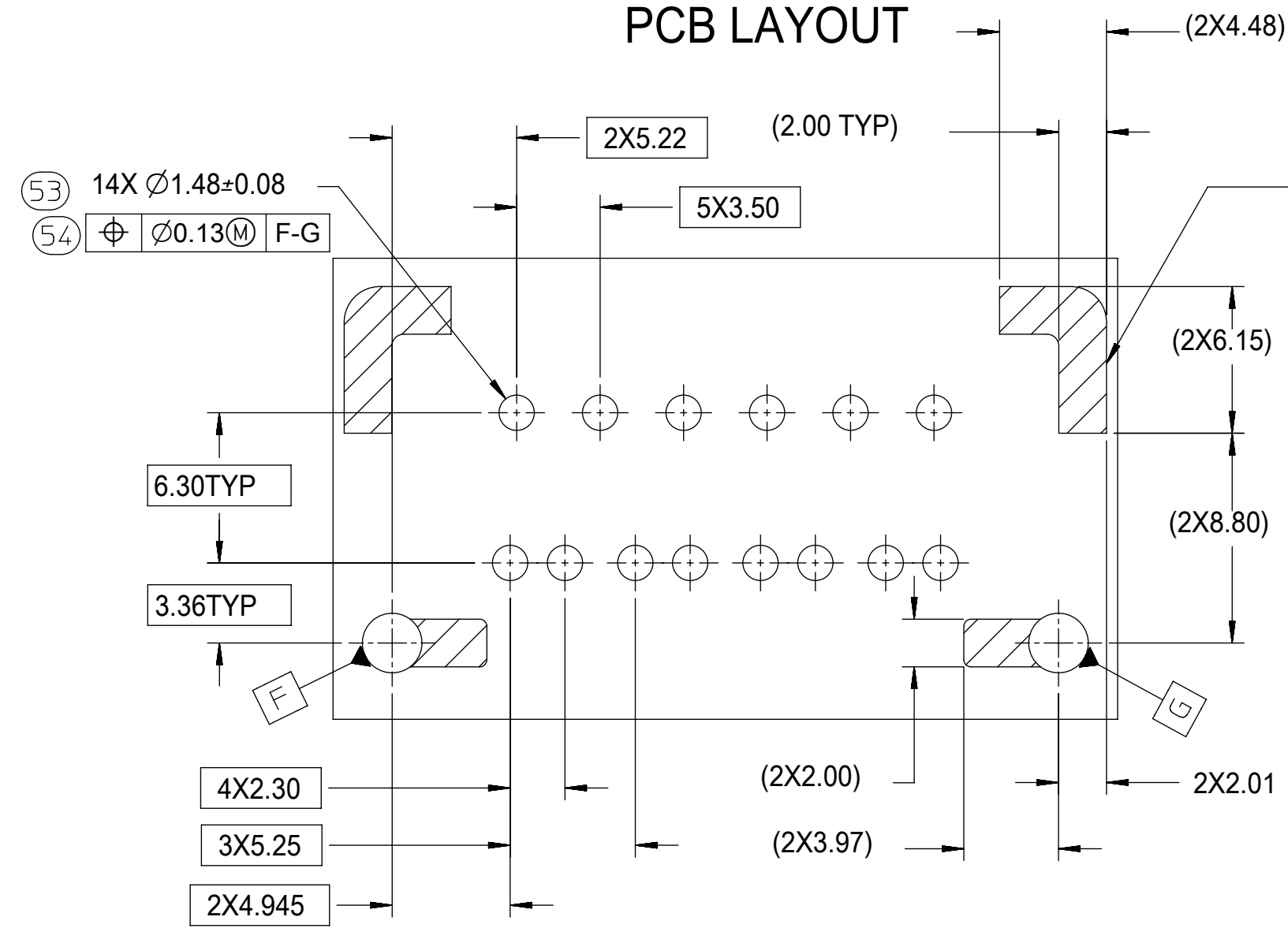
DETAIL 11
SCALE 15:1

DETAIL 10
SCALE 20:1

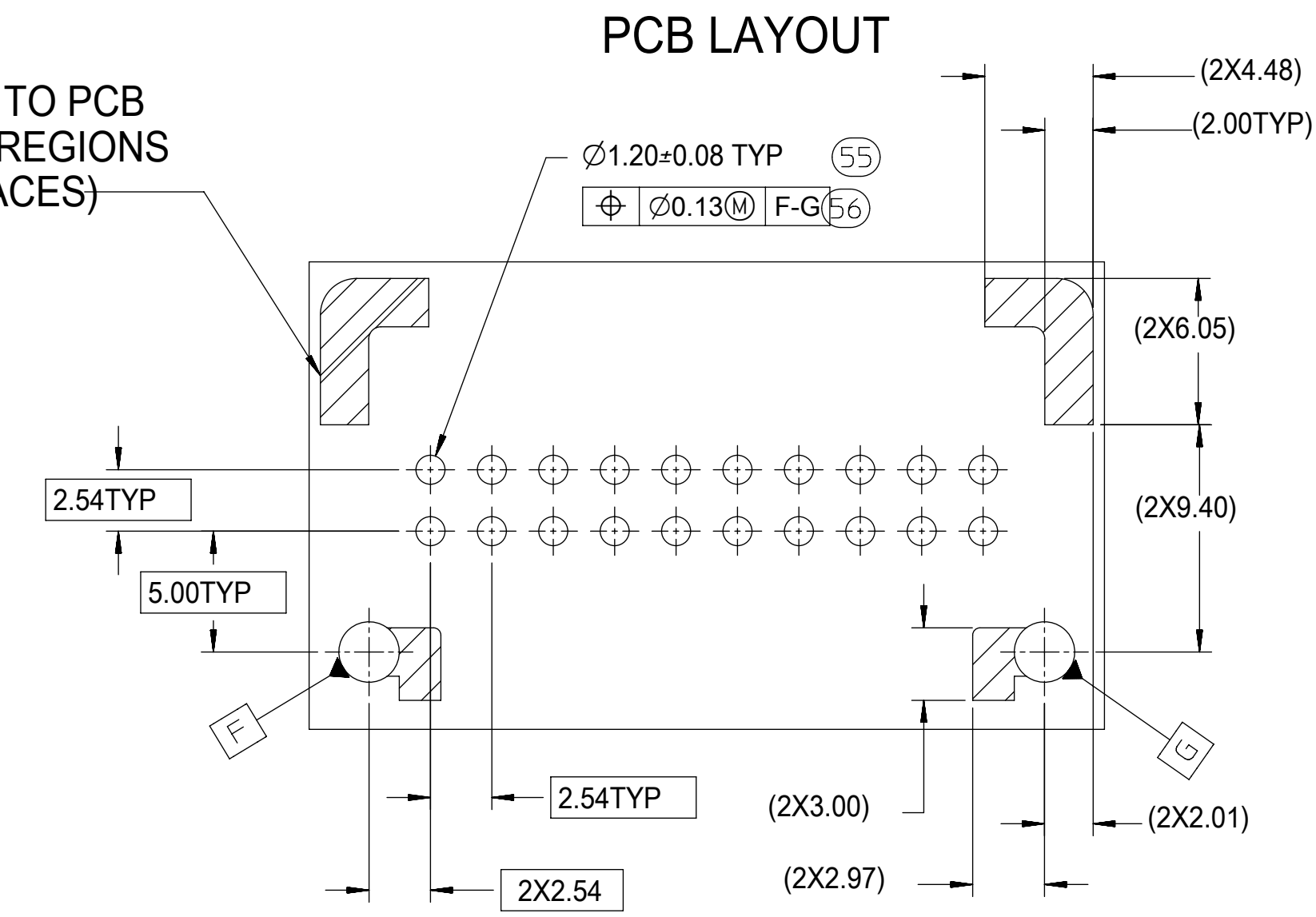
DETAIL 12
SCALE 15:1

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
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▽ = 0	4 PLACES ±		
▽ = 0	3 PLACES ±		
▽ = 0	2 PLACES ± 0.13		
▽ = 0	1 PLACE ± 0.25		
▽ = 0	0 PLACES ±		
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES
		D-SIZE	34707
EC NO: 612618		DRWN: SHANDITHAVAL	2019/02/22
CHK'D: RBAUMAN		2019/02/23	
APPR: RBAUMAN		2019/02/23	
INITIAL REVISION:			
DRWN: VDANIELE		2008/11/14	
APPR: SMARCEAU		2008/11/14	
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-34707-400		PSD	001
REVISION			
D9			
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
SEE TABLE		GENERAL MARKET	3 OF 4

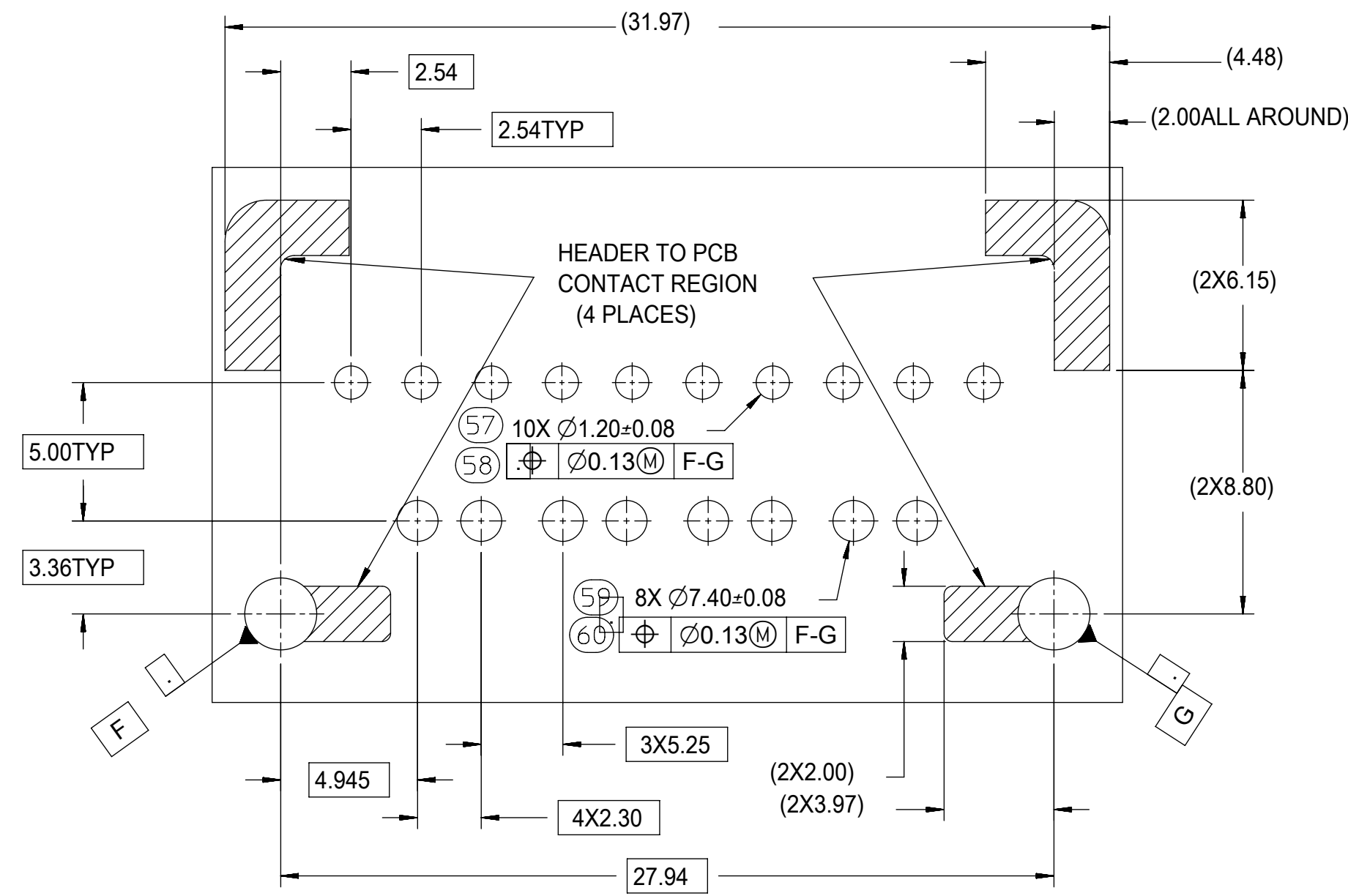
10 CKT HYBRID TEMPLATE
PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE
PCB LAYOUT



14 CKT HYBRID TEMPLATE
PCB LAYOUT



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
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▽ = 0	ANGULAR TOL ± 3.0°		
▽ = 0	4 PLACES ±		
▽ = 0	3 PLACES ±		
▽ = 0	2 PLACES ± 0.13		EC NO: 612618
▽ = 0	1 PLACE ± 0.25		DRWN: SHANDITHAVAL 2019/02/22
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		SERIES	2008/11/14
		MATERIAL NUMBER	SD-34707-400
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER	4 OF 4