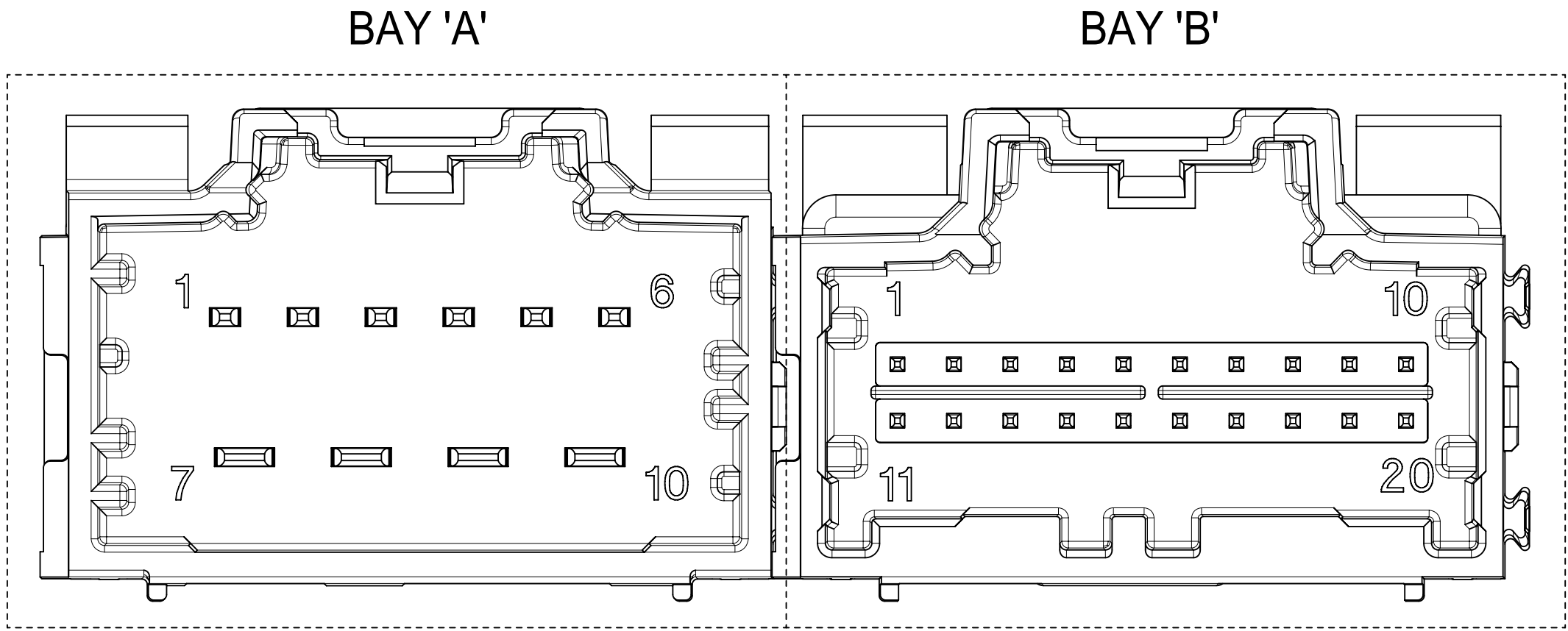


DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

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		

2 BAY STAC64 VERTICAL HEADER ASSEMBLY
(P/N: 34707-2012 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-34729-100/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

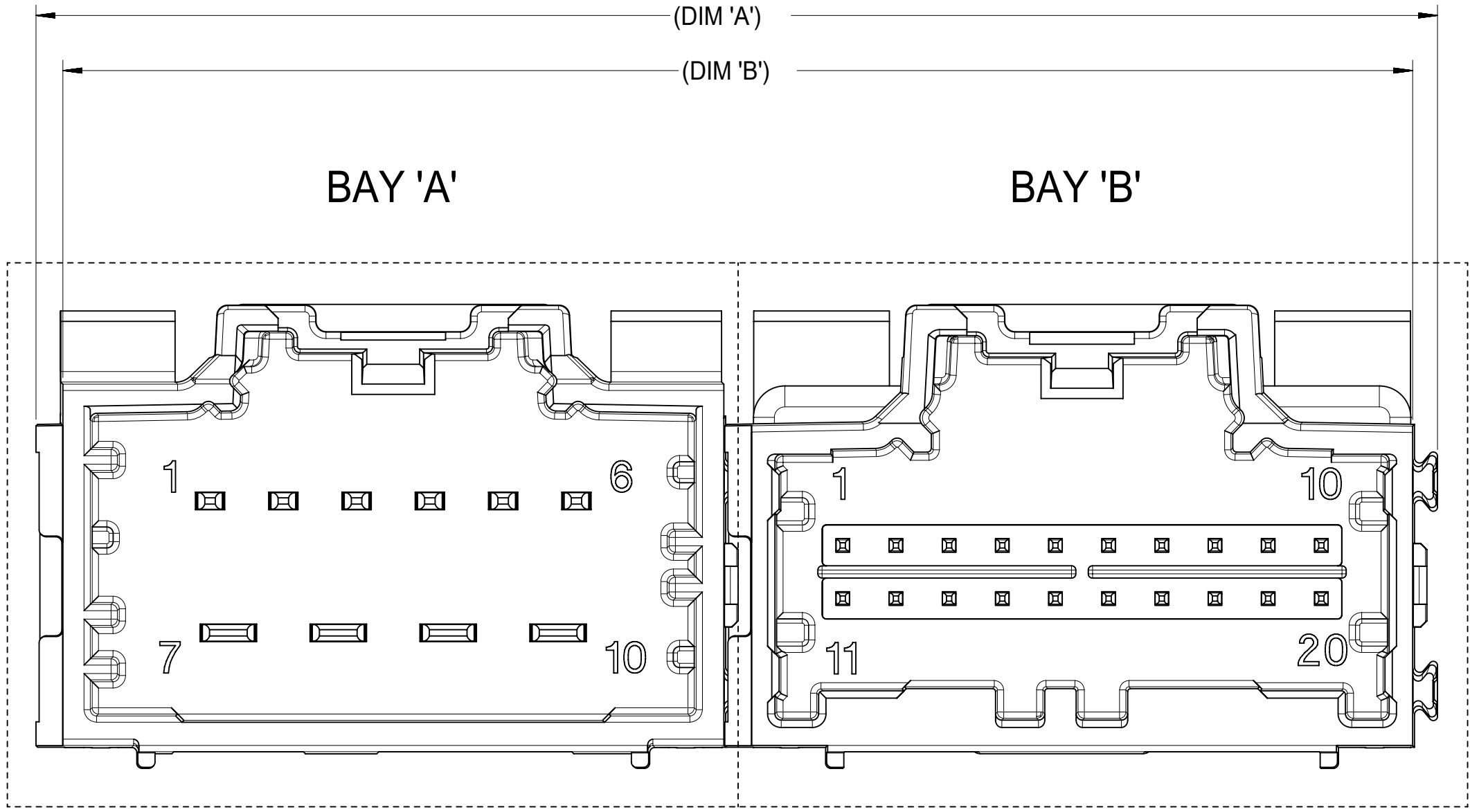
SINGLE BAY DRAWINGS:

8-20 CKT 0.64: SD-34690-100

10 CKT HYBRID: SD-34695-100

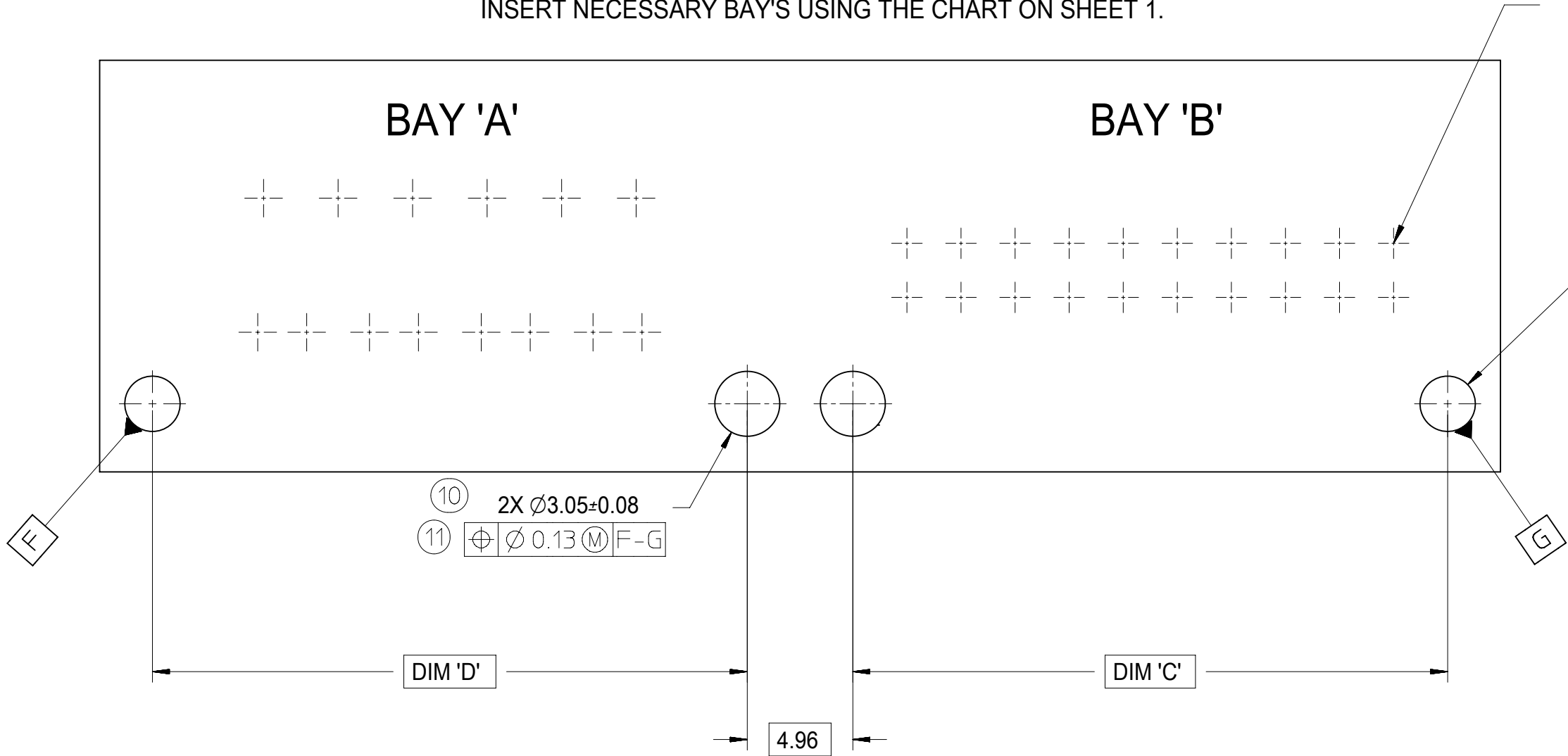
14 CKT HYBRID: SD-34772-200

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	2017/12/18 2017/12/19 EC NO: 169700 DRWN: JFISCHER01 CHKD: RBAUMAN REV/ APPR:	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE									
			mm		1:1									
			ANGULAR TOL ± 3.0 °		DRWN BY		DATE							
			4 PLACES ±		MBAILEY		2008/08/14							
			3 PLACES ±		CHK'D BY		DATE							
			2 PLACES ± 0.13		CDILLON		2009/02/17							
			1 PLACE ± 0.25		APPR BY		DATE							
			0 PLACES ±		SMARCEAU		2008/08/14							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION							
			K6	REV	APPR	RBAUMAN	D		SERIES		MATERIAL NUMBER		CUSTOMER	
	34707										GENERAL MARKET			
	DOCUMENT NUMBER								DOC TYPE		DOC PART		SHEET NUMBER	
							SD-34707-200		PSD		001		1 OF 4	



RECOMMENDED PCB LAYOUT

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

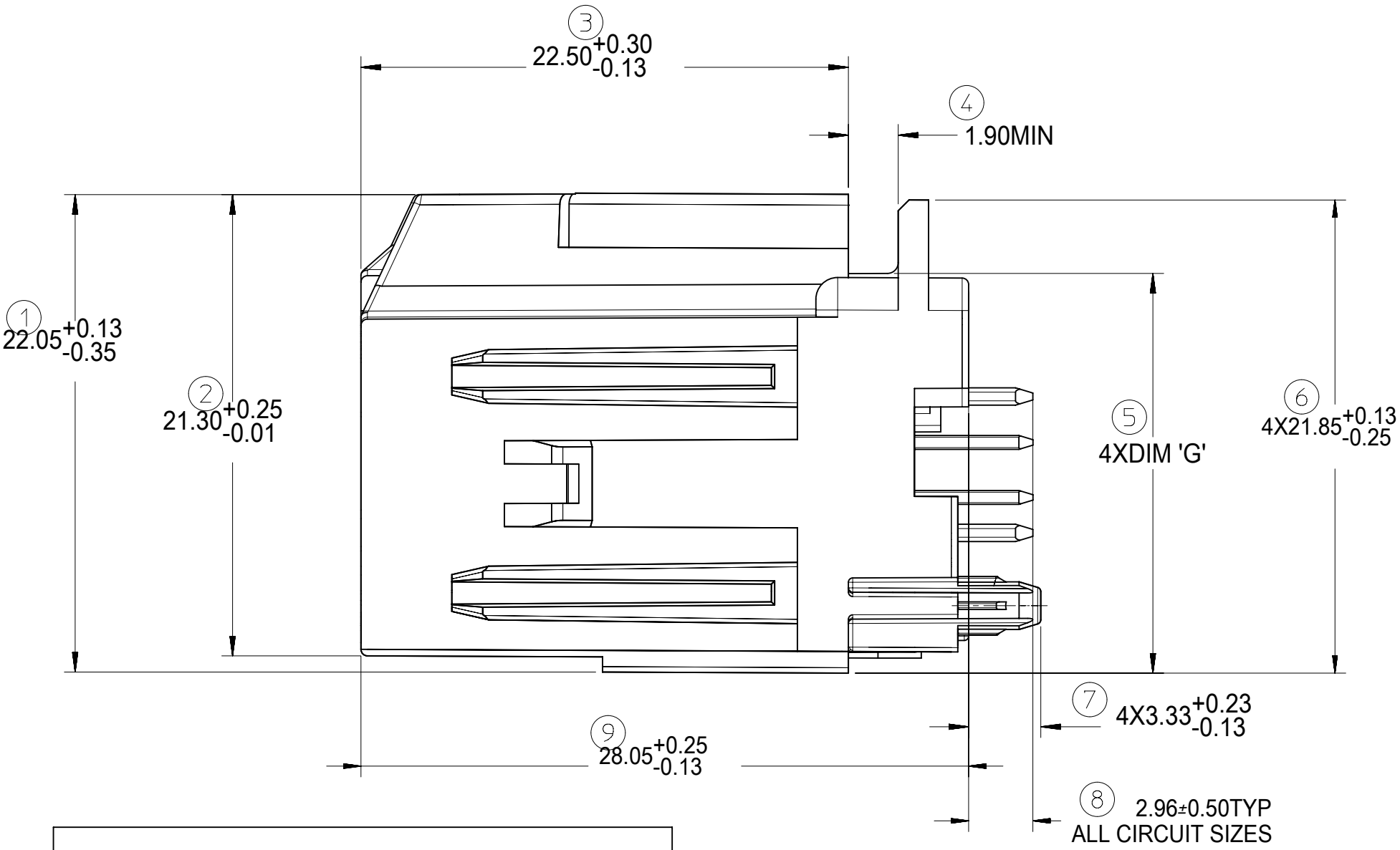


FOR HOLE LOCATION
REFER TO TEMPLATE ON SHEET 4

2X $\varnothing Z \pm 0.08$ 12
 $\varnothing 0.13$ 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

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	= 0	EC NO: 169700 DRWN: JFISCHER01 CHKD: REV/ APPR: RBAUMAN	2017/12/18 2017/12/19	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS		SCALE		2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING		
	= 0				mm		1:1				
	= 0				DRWN BY		DATE				
	= 0				MBAILEY		2008/08/14				
	= 0				CHK'D BY		DATE				
	= 0				CDILLON		2009/02/17				
	= 0				APPR BY		DATE				
	= 0				SMARCEAU		2008/08/14				
	= 0				DRAWING SIZE		THIRD ANGLE PROJECTION				
	= 0				D						
		K6	REV	APPR	RBAUMAN	SERIES		MATERIAL NUMBER		CUSTOMER	
						34707		GENERAL MARKET			
		DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER			
		SD-34707-200		PSD		001		2 OF 4			

SEE DETAIL 8

SEE DETAIL 7

1.27

2.54 TYP

14

15.86^{+0.13}_{-0.15}

0.01 TYP

5.01

3X5.25

2.62

B1

B2

B3

B4

C1

C2

C3

C4

A1

A2

A3

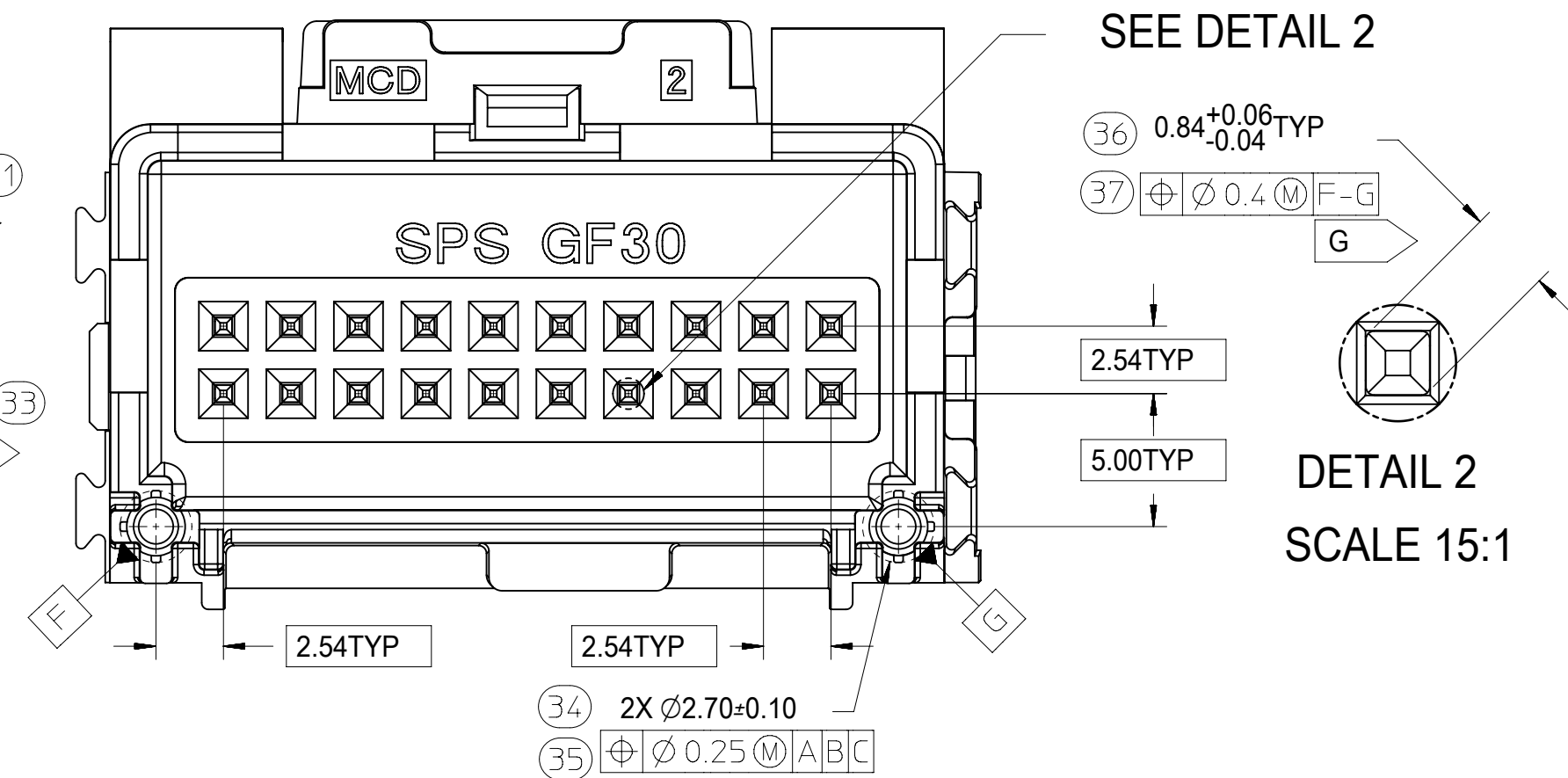
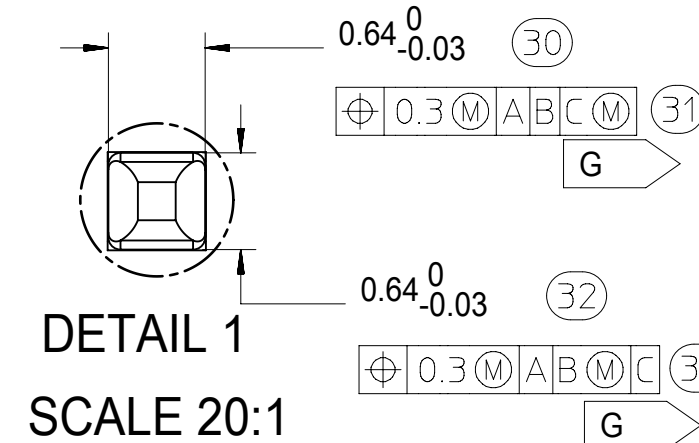
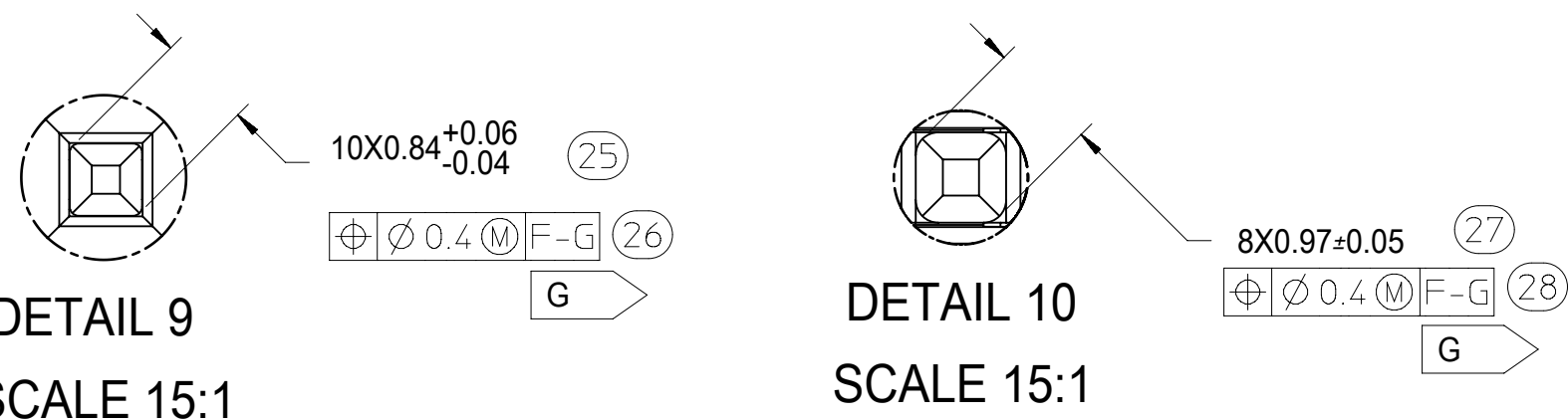
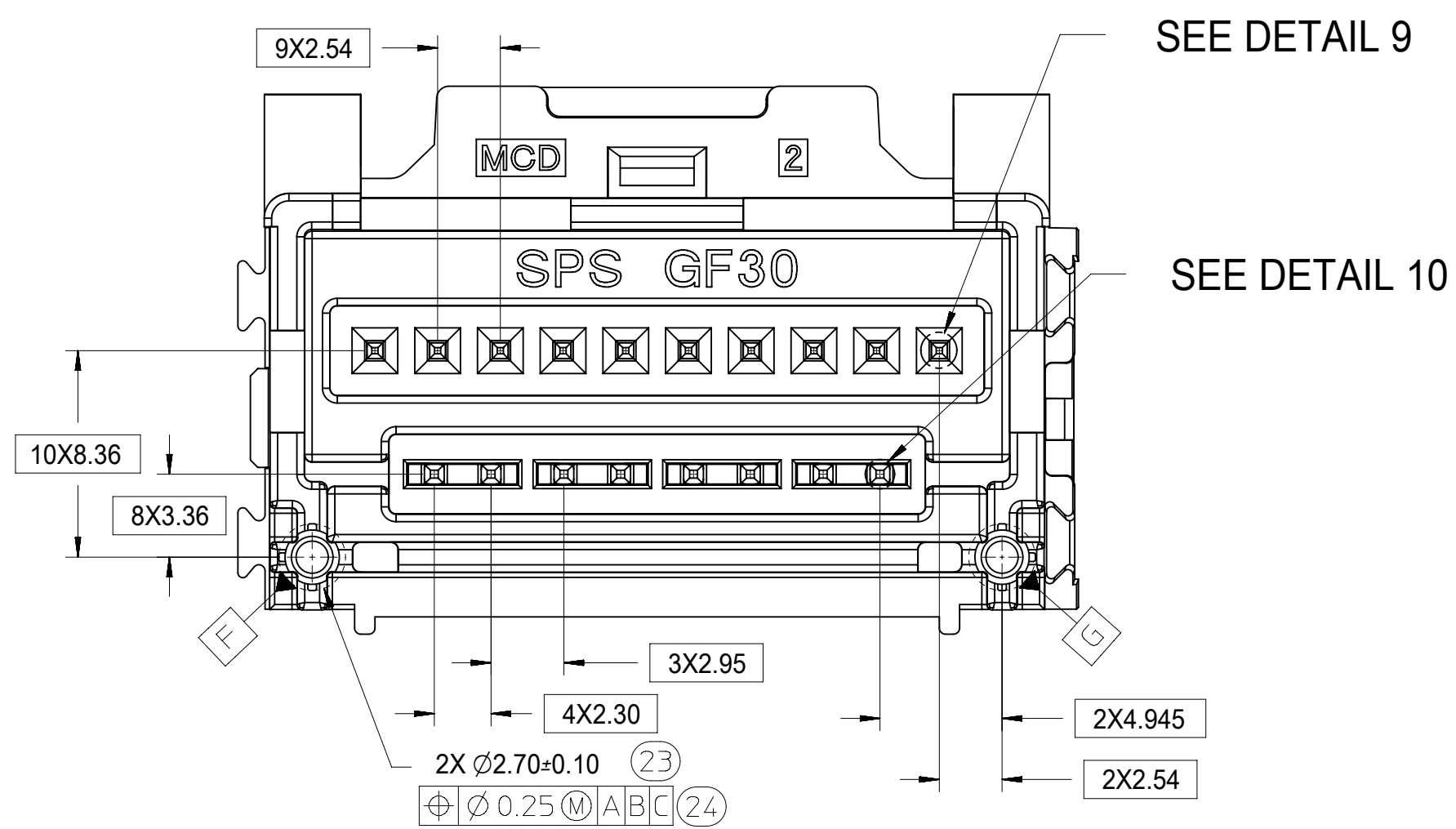
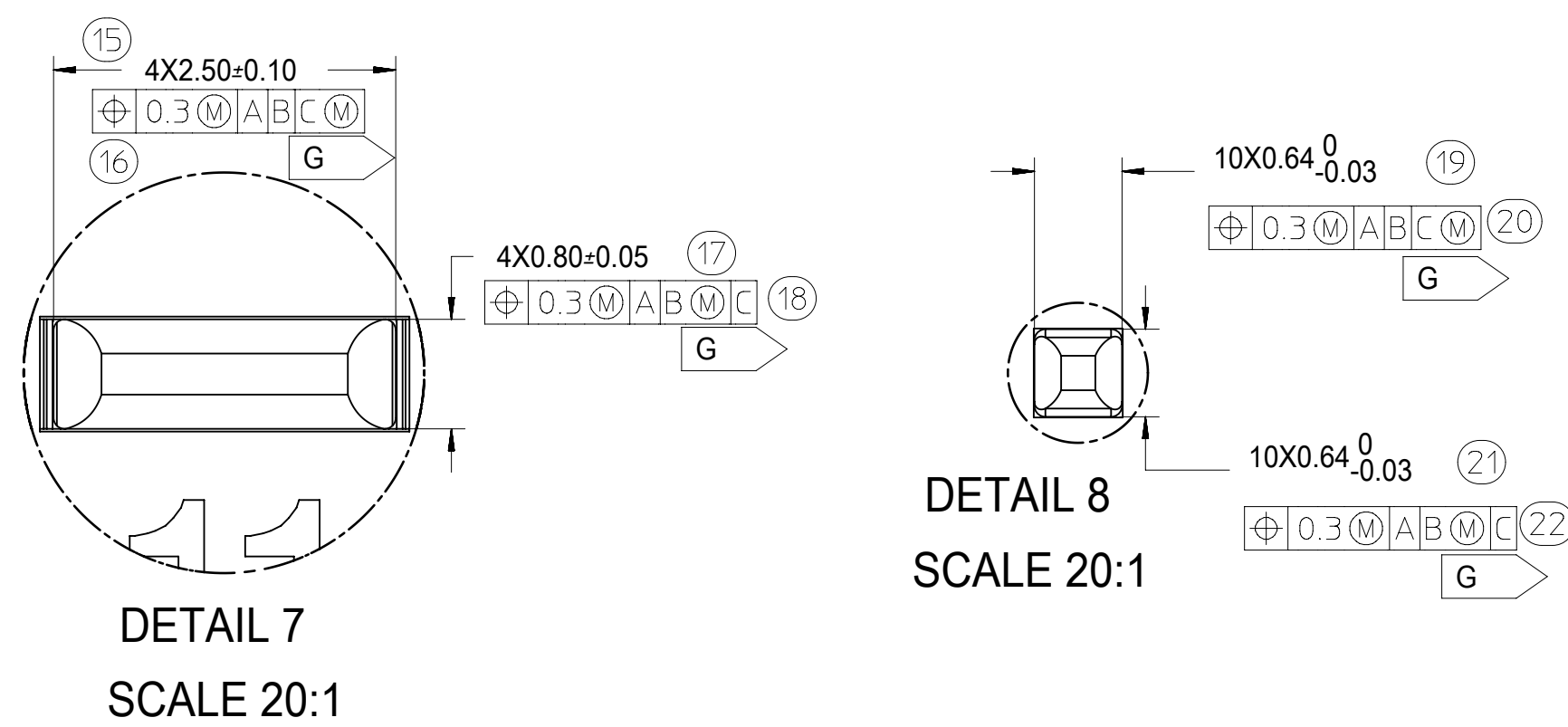
A4

C OF B

C OF C

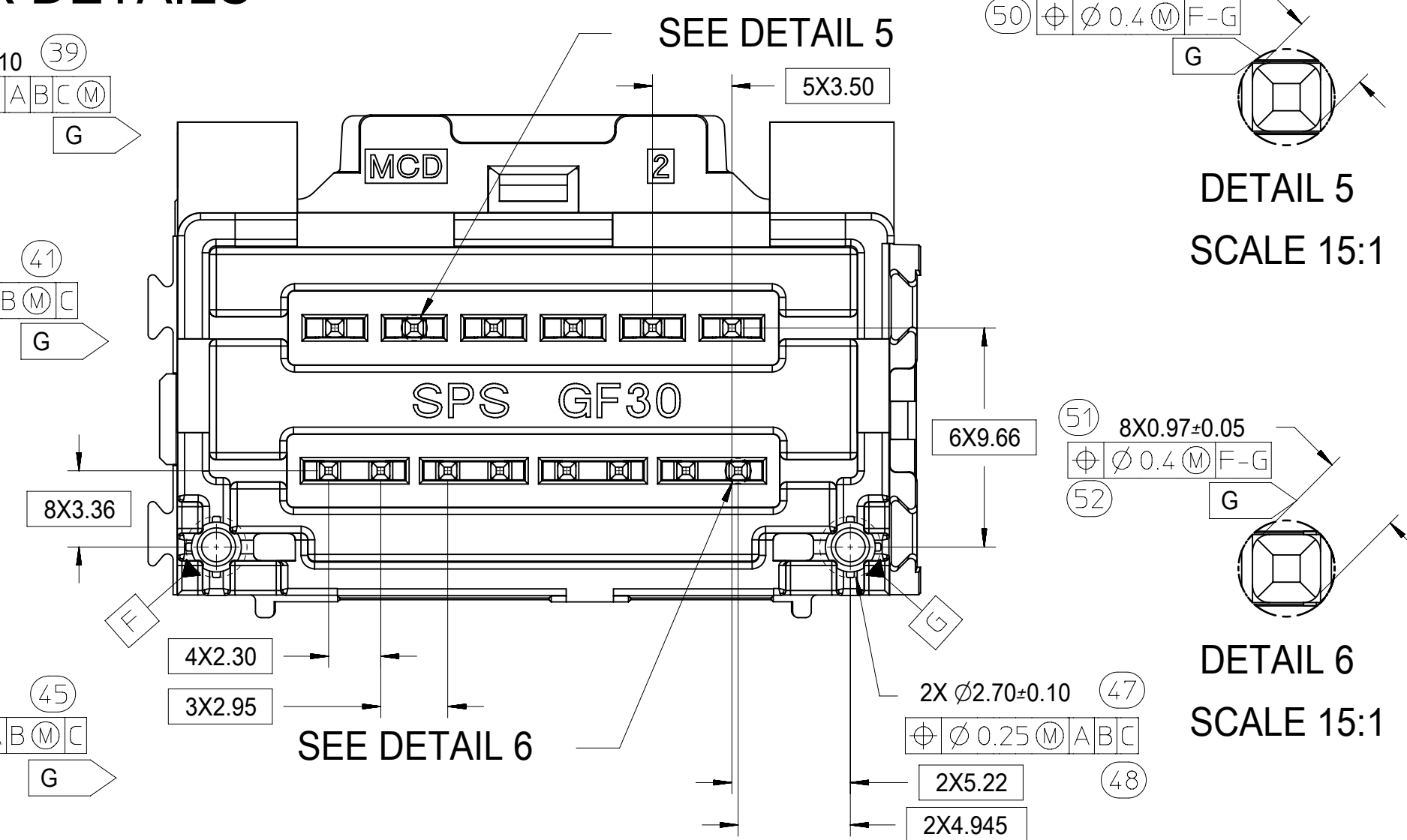
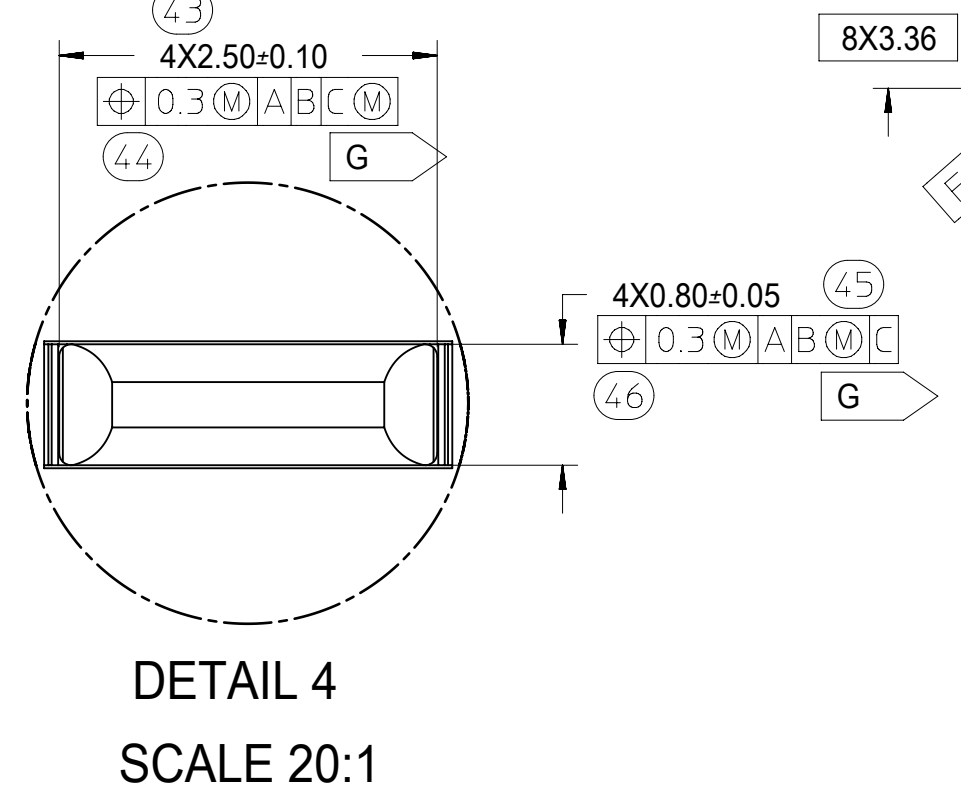
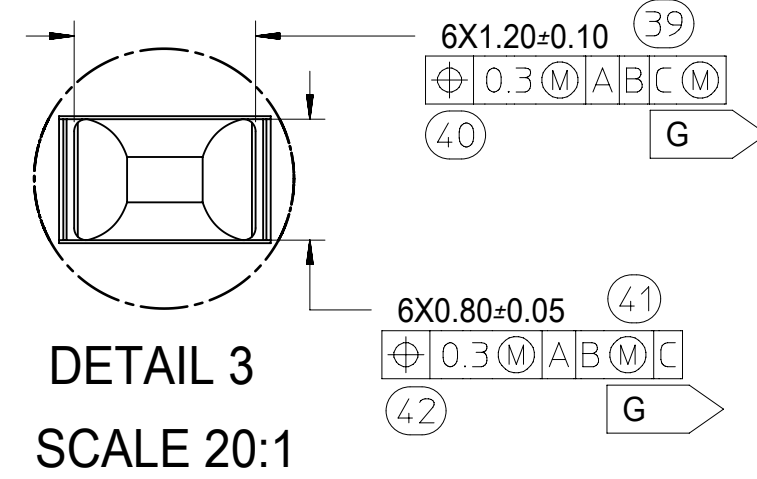
1-1

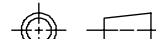
10-10

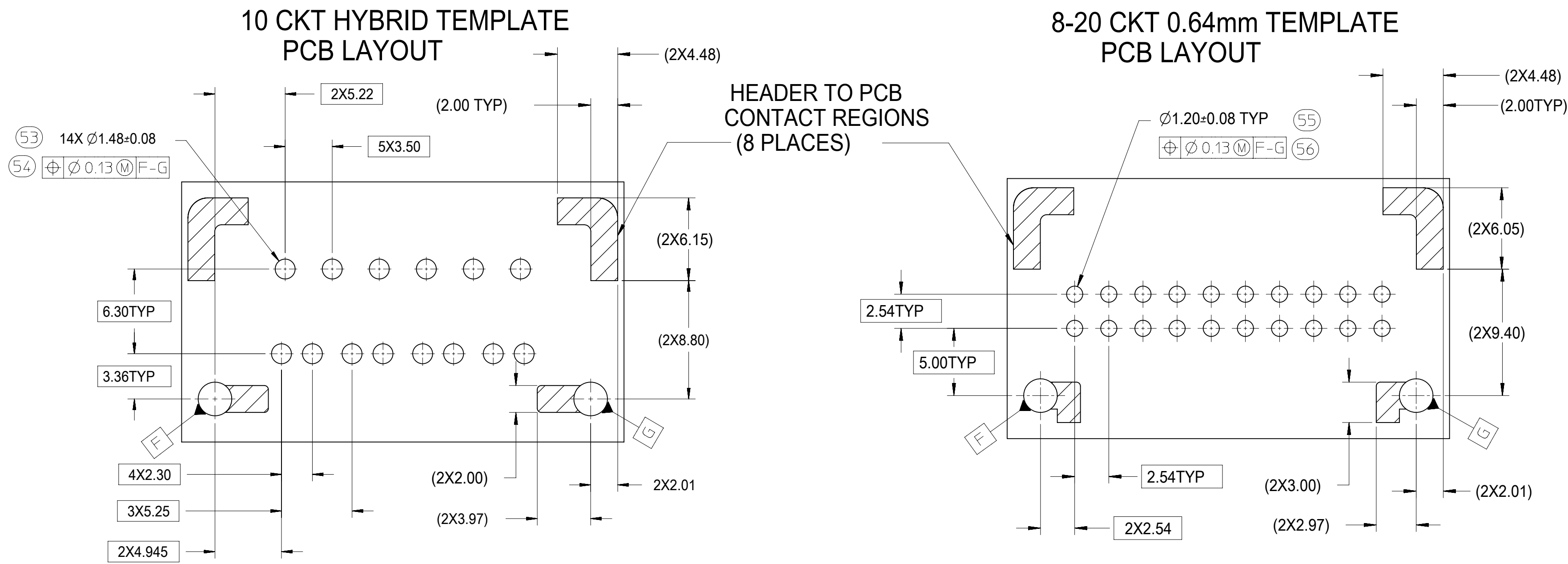


Technical drawing of the 10CKT connector showing a top view. The drawing includes the following dimensions and callouts:

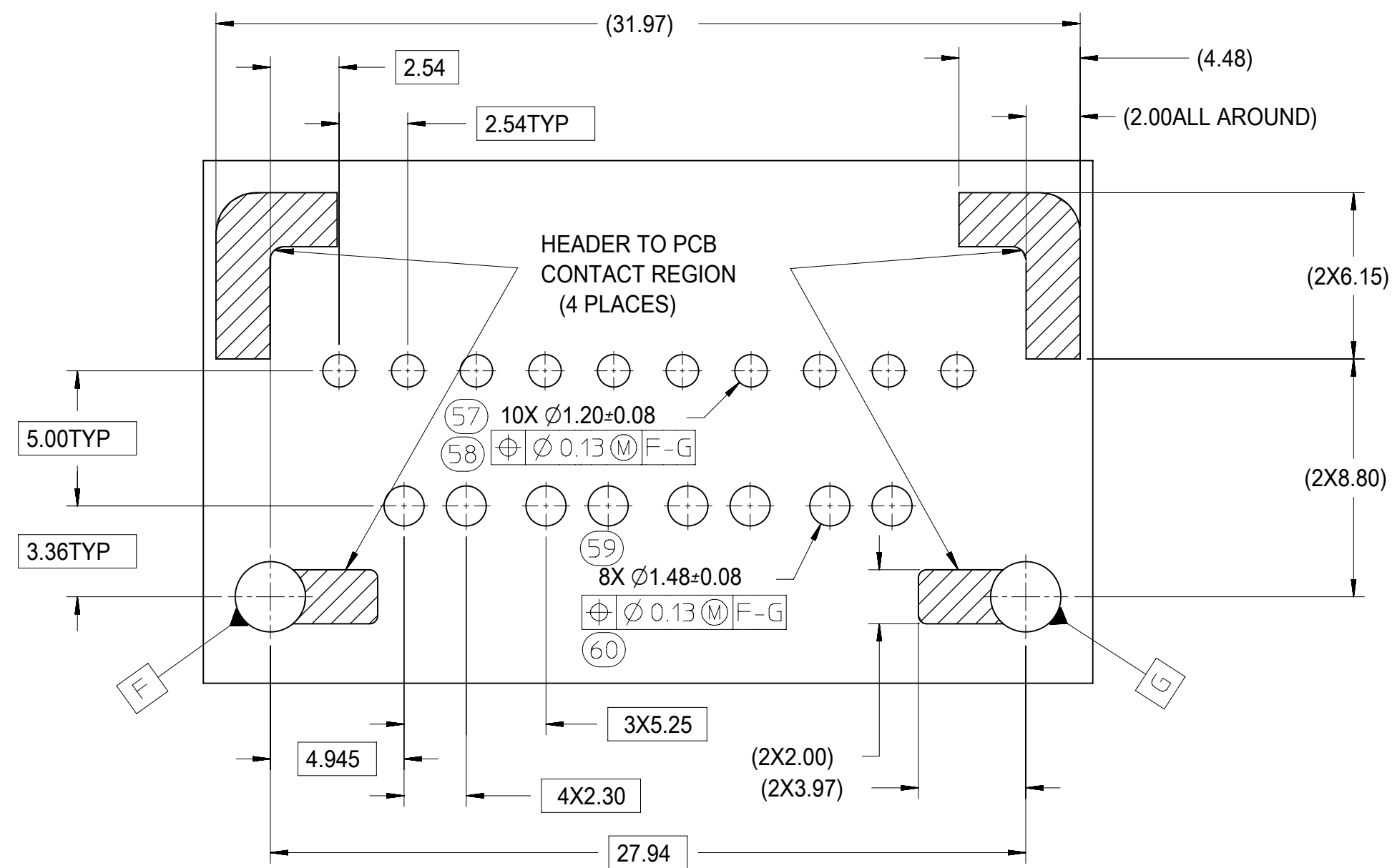
- Dimensions:**
 - Overall width: 5X3.50
 - Pin pitch (center-to-center): 1.75
 - Pin width: 3X5.25
 - Pin spacing (edge-to-edge): 2.63
 - Overall height: 38
 - Height from bottom to top of pin 1: $15.86^{+0.13}_{-0.15}$
- Callouts:**
 - SEE DETAIL 3 (pointing to the top of the connector)
 - SEE DETAIL 4 (pointing to the bottom of the connector)
 - CL OF B (Center Line of B)
 - CL OF C (Center Line of C)
- Pin Numbers:** 1, 6, 7, 10
- Section Markers:** B1, B2, B3, B4, C1, C2, C3, C4, A1, A2



QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	= 0	2017/12/18 2017/12/19 EC NO: 169700 DRWN: JFISCHER01 CHKD: RBAUMAN APPR: EC NO: 169700 DRWN: JFISCHER01 CHKD: RBAUMAN APPR: K6	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE	 2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING						
	= 0			mm	1:1							
	= 0			DRWN BY	DATE							
	= 0			EC NO: 169700 DRWN: JFISCHER01 CHKD: RBAUMAN APPR: K6	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MBAILLEY	2008/08/14	PRODUCT CUSTOMER DRAWING SERIES MATERIAL NUMBER CUSTOMER 34707 GENERAL MARKET DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER SD-34707-200 PSD 001 3 OF 4				
	= 0					CHKD BY	DATE					
	= 0					CDILLON	2009/02/17					
	= 0					APPR BY	DATE					
	= 0			EC NO: 169700 DRWN: JFISCHER01 CHKD: RBAUMAN APPR: K6	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SMARCEAU	2008/08/14					
	= 0					DRAWING SIZE	THIRD ANGLE PROJECTION					
												



14 CKT HYBRID TEMPLATE PCB LAYOUT

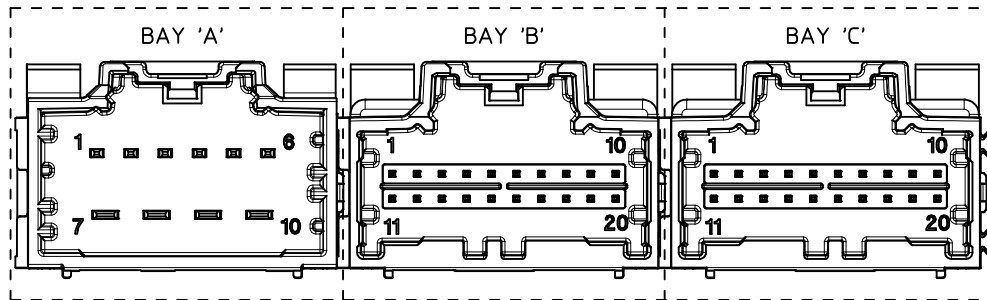


QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	= 0	EC NO: 169700 DRWN: JFISCHER01 CHKD: REV/ APPR: RBAUMAN	2017/12/18 2017/12/19	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE				
	= 0				mm		1:1				
	= 0				ANGULAR TOL ± 3.0 °		DRWN BY		DATE		
	= 0				4 PLACES ±		MBAILEY		2008/08/14		
	= 0				3 PLACES ±		CHKD BY		DATE		
	= 0				2 PLACES ± 0.13		CDILLON		2009/02/17		
	= 0				1 PLACE ± 0.25		APPR BY		DATE		
	= 0				0 PLACES ±		SMARCEAU		2008/08/14		
	= 0				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		
	= 0				K6		D				
		REV	APPR		RELEASE STATUS		P1		RELEASE DATE		19.12.2017
		19	18	17	16	15	14	13	12	11	10
		DOCUMENT NUMBER		SD-34707-200		DOC TYPE		PSD		DOC PART	
		3		2		001		4 OF 4		1	

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

150/280mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

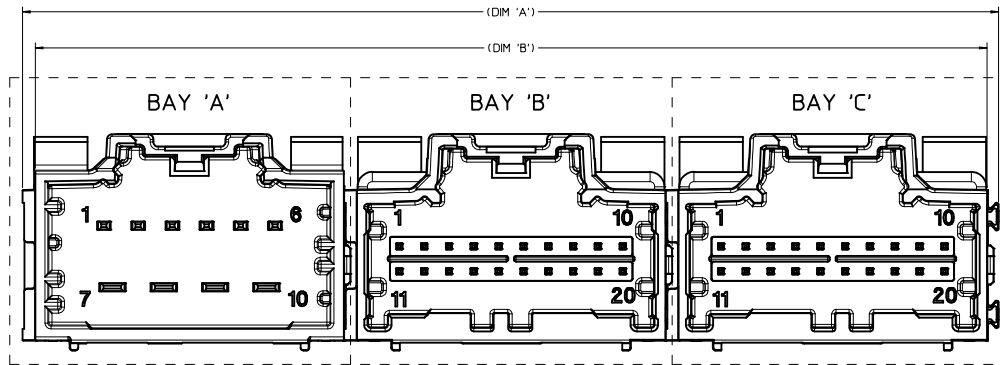
a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

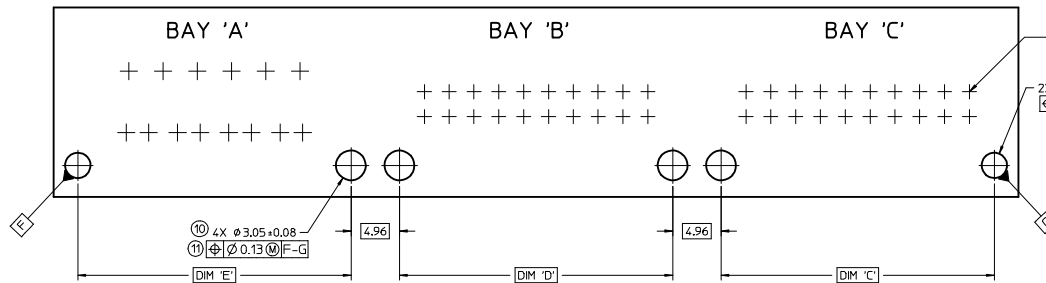
4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING

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

ADDED POL COLOR IEC NO: UAU2016-1529 DRWN: FISCHER01 2015/05/14 CHKD: APPR: BRAUN 2016/04/19 REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.13</td> <td>---</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.25</td> <td>---</td> </tr> <tr> <td colspan="3">ANGULAR ± 1°</td> </tr> </table>		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.13	---	1 PLACE ±	0.25	---	ANGULAR ± 1°			DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	mm	INCH																						
4 PLACES ±	---	---																						
3 PLACES ±	---	---																						
2 PLACES ±	0.13	---																						
1 PLACE ±	0.25	---																						
ANGULAR ± 1°																								
DRAWN BY: VDANIELE CHECKED BY: EDILLON APPROVED BY: SMARCEAU DATE: 9/05/2008 DATE: 9/05/2008 DATE: 2010/10/20	TITLE 3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING	MOLEX INCORPORATED																						
MATERIAL NO: SEE CHART	DOCUMENT NO: SD-34707-300	SHEET NO: 1 OF 4																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																								

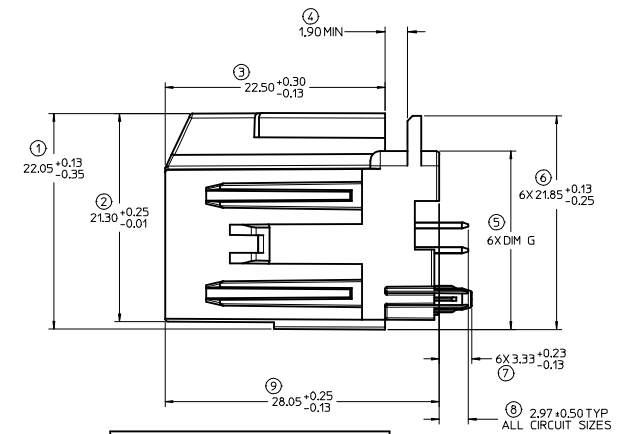


RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAYS USING CHART ON SHEET 1



FOR PIN LOCATION,
REFER TO TEMPLATES ON SHEET 4

2X Ø Z ± 0.05		12	POST HOLE TABLE:
Ø 0.13	Ø 0.13	13	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

OK TO TOOL EC NO: UAU2016-1529 DRAWN: FISCHER01 2015/05/14 CHKD: CHYD APPR: RBAUMAN 2016/04/19 REV K1	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▽=0			MM ONLY		4:1	METRIC	
		▽=0					TITLE		
							3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING		
							MOLEX INCORPORATED		
						DOCUMENT NO.		SHEET NO.	
						SD-34707-300		2 OF 4	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

SEE DETAIL 12

SEE DETAIL 11

25.4 TYP
127

15.86
0.13
0.15

1

10

14

3x5.25

2.62

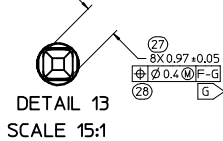
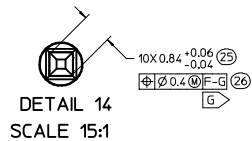
0.01 TYP

5.01 TYP

CL OF [B]

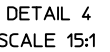
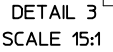
CL OF [C]

B4, B1, C1, A1, A2, C2, B2, B3, A3, E3, E4, A4

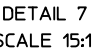
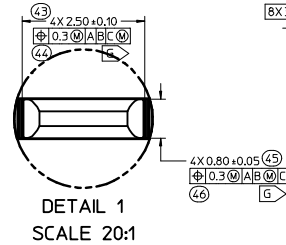


Technical drawing of a rectangular component, likely a base plate or mounting bracket, showing dimensions and features. The drawing includes the following details:

- Dimensions:**
 - Overall width: 15.86
 - Overall height: 15.86
 - Top flange width: 1.27 TYP
 - Internal width: 12.54 TYP
 - Right side flange width: 0.85 TYP
 - Bottom flange width: 2.54 TYP
- Mounting Holes:**
 - Four corner mounting holes labeled B1, B2, B3, and B4.
 - Four side mounting holes labeled A1, A2, A3, and A4.
 - Four additional mounting holes labeled C1, C2, C3, and C4.
- Internal Features:**
 - A central rectangular area with a grid of 10 small square holes.
 - A central rectangular area with a grid of 20 small square holes.
 - A central rectangular area with a grid of 11 small square holes.
- Other Labels:**
 - 10, 11, 20: Labels pointing to specific internal features or holes.
 - 12.54 TYP: Label for the internal width dimension.
 - 1.27 TYP: Label for the top flange width dimension.
 - 0.85 TYP: Label for the right side flange width dimension.
 - 2.54 TYP: Label for the bottom flange width dimension.
 - 15.86: Label for the overall width and height dimensions.
 - SEE DETAIL 3: Label pointing to the bottom right corner of the component.



DETAIL 2
SCALE 20:1

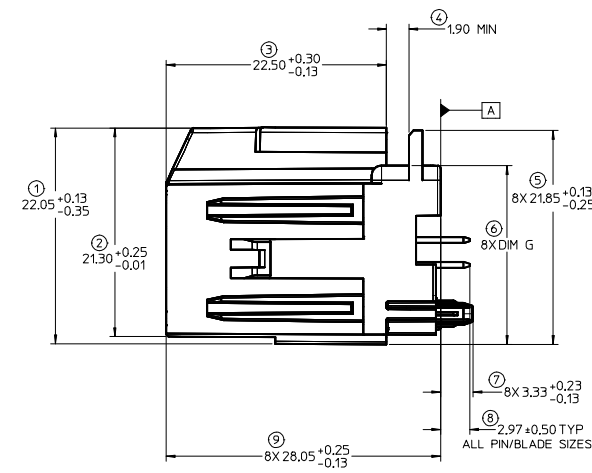
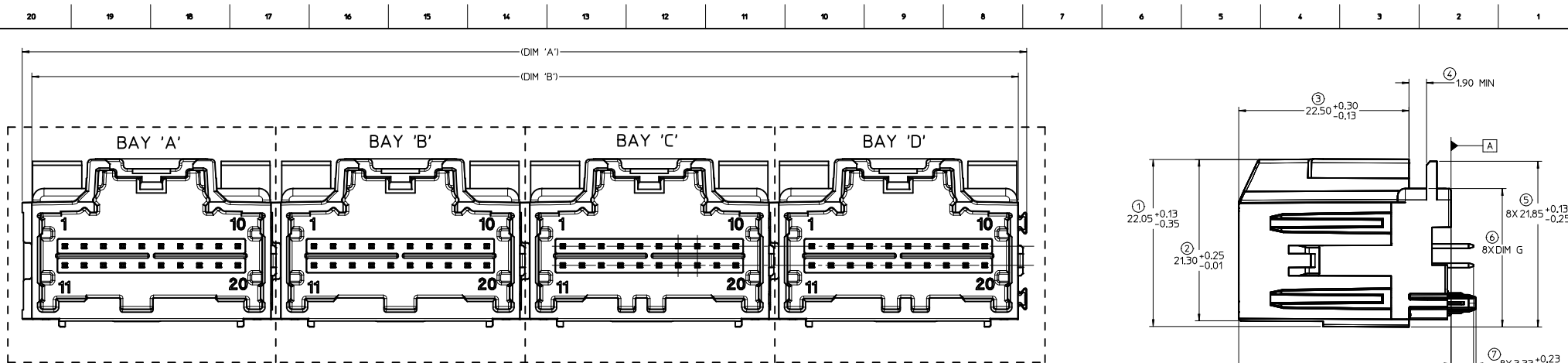


ENTER DESCRIPTION EC NO. UA20/2016-6529 DRAWN BY: SCHERER CHKD: APPER:RAUMAN 2016/05/14 2016/04/19 K1 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION																														
		<table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>±----</td><td>±----</td></tr><tr><td>3 PLACES</td><td>±----</td><td>±----</td></tr><tr><td>2 PLACES</td><td>±0.13</td><td>±----</td></tr><tr><td>1 PLACE</td><td>±0.25</td><td>±----</td></tr><tr><td>0 PLACE</td><td>±----</td><td>±----</td></tr></table>		mm	INCH	4 PLACES	±----	±----	3 PLACES	±----	±----	2 PLACES	±0.13	±----	1 PLACE	±0.25	±----	0 PLACE	±----	±----	<table><tr><th>DRAWN BY</th><th>DATE</th></tr><tr><td>VDANIELE</td><td>9/05/2008</td></tr><tr><th>CHECKED BY</th><th>DATE</th></tr><tr><td>CDILLON</td><td>9/05/2008</td></tr><tr><th>APPROVED BY</th><th>DATE</th></tr><tr><td>SMARCEAU</td><td>2010/10/20</td></tr></table>		DRAWN BY	DATE	VDANIELE	9/05/2008	CHECKED BY	DATE	CDILLON	9/05/2008	APPROVED BY	DATE	SMARCEAU	2010/10/20	TITLE 3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING 			
		mm	INCH																																			
	4 PLACES	±----	±----																																			
	3 PLACES	±----	±----																																			
	2 PLACES	±0.13	±----																																			
	1 PLACE	±0.25	±----																																			
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CHECKED BY	DATE																																					
CDILLON	9/05/2008																																					
APPROVED BY	DATE																																					
SMARCEAU	2010/10/20																																					
	ANGULAR $\pm 1^\circ$		MATERIAL NO. 9999999999		DOCUMENT NO. SD-34707-300		SHEET NO. 3 OF 4																															
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																			
																																						
																																						

[illegible]

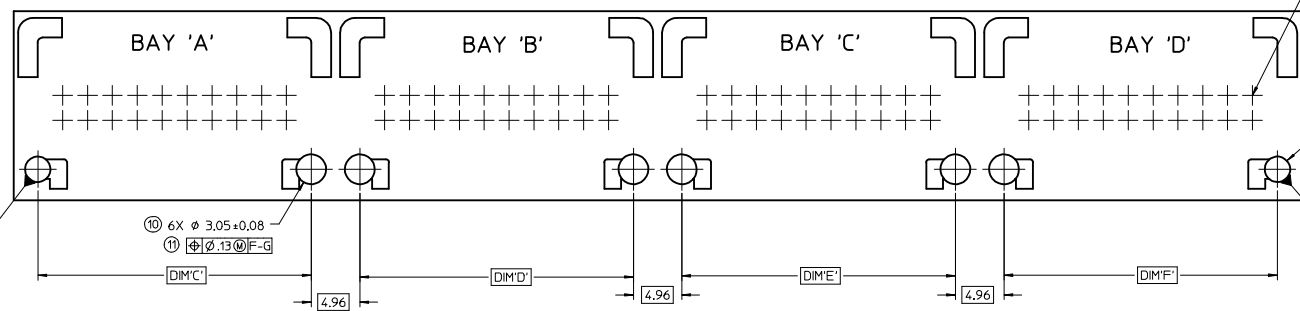
Figure 1: PCB layout of the 100-pin Quad Flat Pack (QFP) package. The diagram shows a square package with 100 pins (57-106) arranged in a 4x25 grid. Key dimensions include a total width of 27.94mm, a pin pitch of 0.120mm, and a header to the PCB contact region of 4 places. The package is shown with a 2.54mm pitch and a 2.00mm all-around clearance.

ENTER DESCRIPTION EC NO: UAU2046-529 DRAWN BY: SCHERO1 CHCKD: APPR: RAJMAN 2016/04/19	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY	DATE	TITLE	3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING molex				
			4 PLACES ± .005	± .005	VDANIELE	9/05/2008						
			3 PLACES ± .003	± .003	CHECKED BY	DATE						
			2 PLACES ± .013	± .013	CDILLON	9/05/2008						
1 PLACE ± .025	± .025	APPROVED BY	DATE		SD-34707-300							
0 PLACE ± .000	± .000	SMARCEAU	20/10/10/20									
			ANGULAR ± 1°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-34707-300			4 OF 4			
K1	REV				SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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

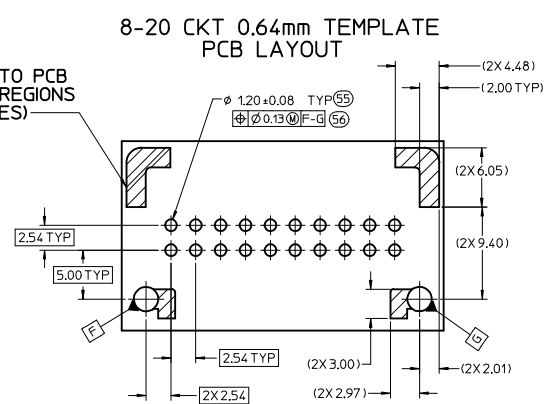
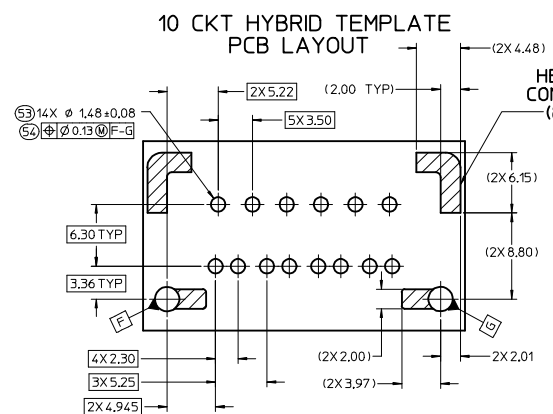
RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAY'S USING THE CHART ON SHEET 1



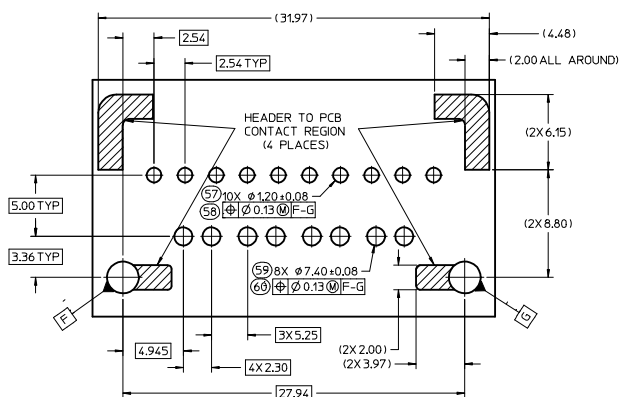
FOR HOLE LOCATION REFER
TO TEMPLATES ON SHEET 4

POST HOLE TABLE	
FOR DIM Z:	
PRESS FIT	2.60
DROP IN	3.05

RELEASED EC NO: UAU2016-1529 DRAWN: FISHER01 2016/04/14 CHKD: APPR: RBALMAN 2016/04/19 REV D8	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		4:1	METRIC		
				DRAWN BY		DATE	TITLE		
				CHECKED BY		DATE	4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING		
				APPROVED BY		DATE	MOLEX INCORPORATED		
		ANGULAR ± 3 °		SMARCEAU 9/5/2008		MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				SEE CHART		SD-34707-400		2 OF 4	
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



14 CKT HYBIRD TEMPLATE PCB LAYOUT



ENTER DESCRIPTION EC NO: UAU2016-5529 DRAWN BY: SCHERO1 CHK'D: APPER-RAHMAN 2016/04/14 2016/04/19	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	DRAWN BY VDANIELE	DATE 9/05/2008	TITLE 4-BAY STAC64 VERTICAL		
	▽=0	4 PLACES ±	±	CHECKED BY CDILLON	DATE 9/05/2008	HEADER ASSEMBLY		
	▽=0	2 PLACES ±	±	APPROVED BY SMARCEAU	DATE 9/5/2008	SALES DRAWING		
	▽=0	1 PLACE ±	±	MATERIAL NO. 9999999999		DOCUMENT NO. SD-34707-400		SHEET NO. 4 OF 4
D8	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						