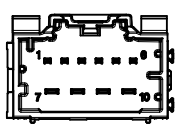
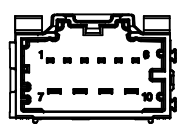


OPTION 'A'

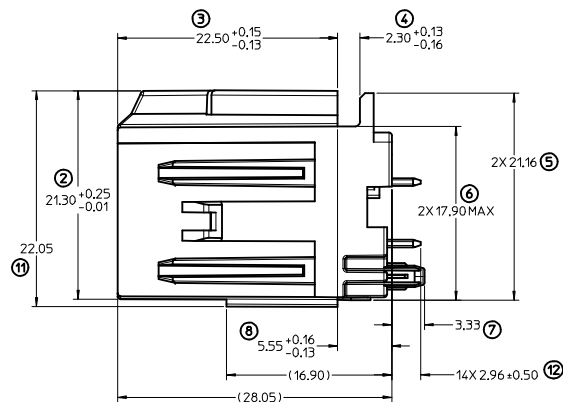
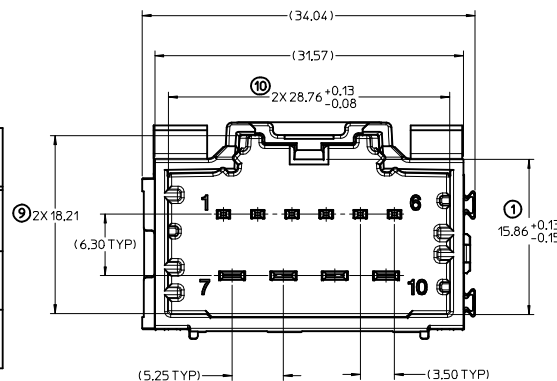


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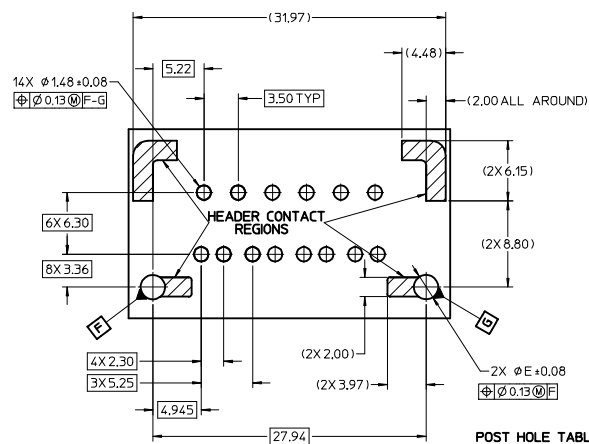


OPTION 'C'

MATERIAL NUMBER		CKT SIZE	DESCRIPTION	POL	COLOR
TUBE PACK	TRAY PACK				
34695-9100	34695-0100	10	POWER STAC VERTICAL HEADER ASSEMBLY	A	BLACK
34695-9101	34695-0101	10	POWER STAC VERTICAL HEADER ASSEMBLY	B	GREY
34695-9102	34695-0102	10	POWER STAC VERTICAL HEADER ASSEMBLY	C	BROWN



RECOMMENDED PCB LAYOUT



POST HOLE TABLE

FOR DIM E:	
PRESS FIT	Ø2.60
DROP IN	Ø3.05

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

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

PIN RETENTION = USCAR-2 REV 4

SOLDERABILITY - SMES-152

b. APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:

SEE APPLICATION SPECIFICATION .

SEE PRODUCT SPECIFICATION - PS-31372-100

MATES WITH: SD-31372-900

PACKAGING SPECIFICATION F

2. DESIGN: MATERIALS:

2. DESIGN: MATERIALS:

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

b. 1.50mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

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

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

UPDATED DIMENSIONS
EC NO: UAU2013-1619
DRWN: FISCHER01 2013/04/15
CHK'D:
APPR: BRAUMAN 2013/04/26

REV	DESCRIPTION	QUALITY SYMBOLS
		 = 0  = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .005	± .0004
3 PLACES	± .006	± .0005
2 PLACES	± .013	± .001
1 PLACE	± .025	± .002
ANGULAR ± 3°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

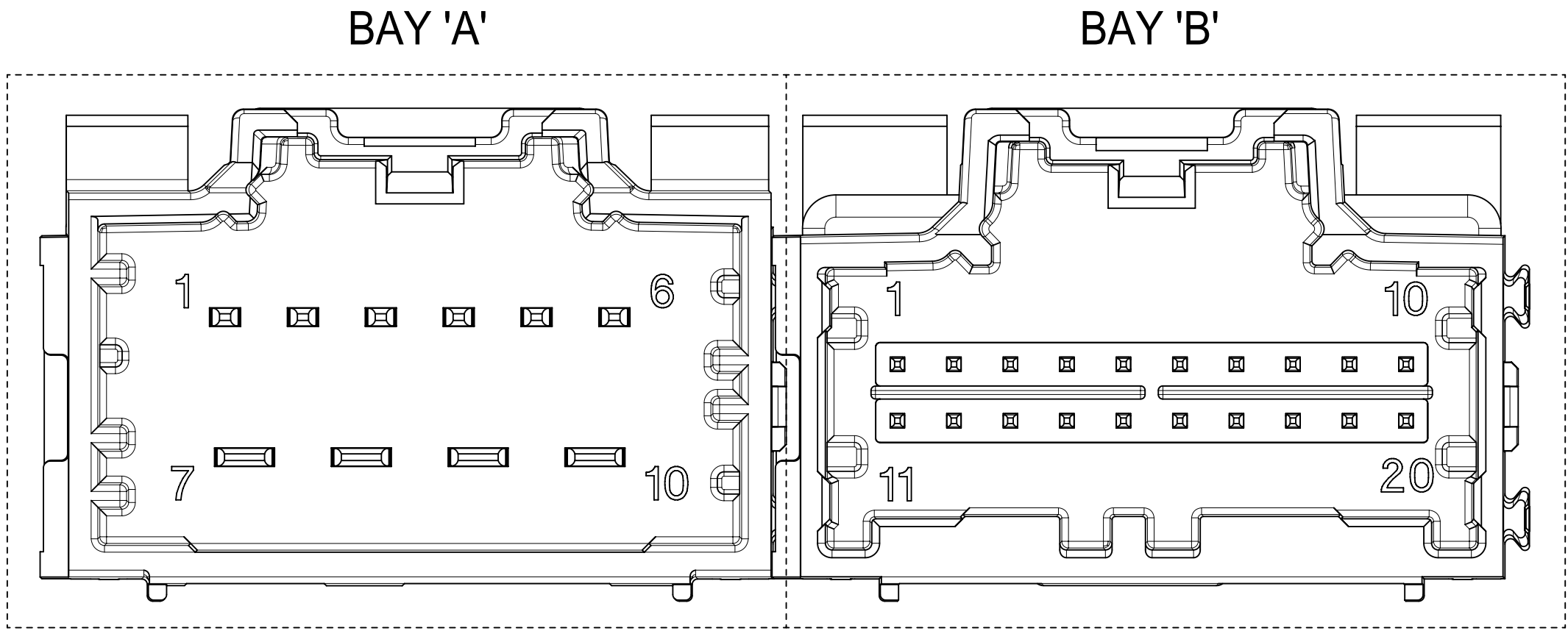
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
MBAILEY	10/02/06
CHECKED BY	DATE
CDILLON	04/18/07
APPROVED BY	DATE
MATERIAL NO.	
SEE CHART	
SIZE	THIS DRAWING CONT.
D	INCORPORATED AND

SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE STAC64 SINGLE BAY VERT 10 CKT. HEADER ASSEMBLY SALES DRAWING		
MOLEX INCORPORATED		
DOCUMENT NO. SD-34695-100	SHEET NO. 1 OF 1	
NOTES ALL INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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

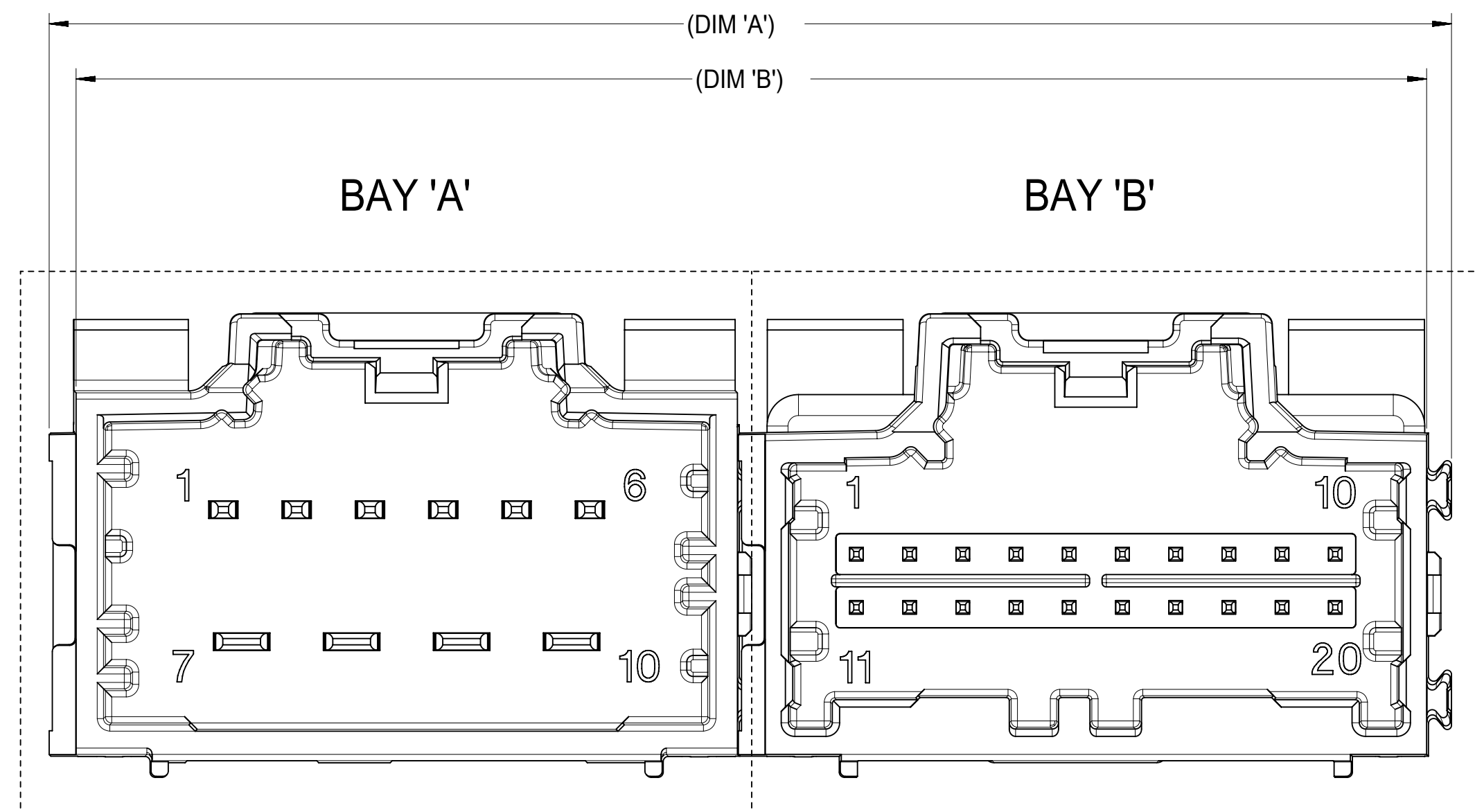
DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

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		



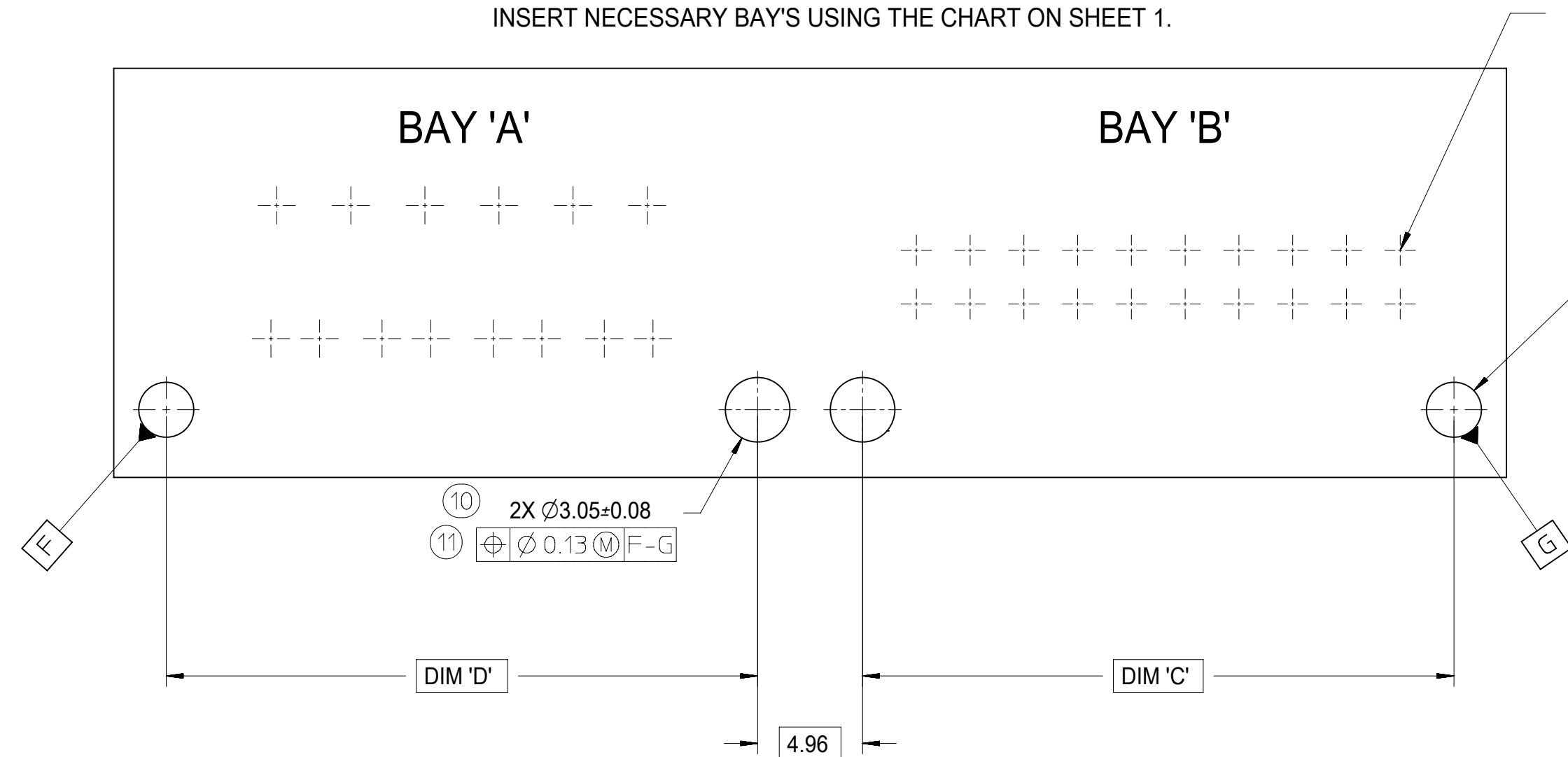
- NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
- a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:
- PRODUCT SPECIFICATION:
8-20 CKT 0.64mm PRODUCT SPEC: PS-34729-100/PS-31408-100
10/14 CKT HYBRID PRODUCT SPEC: PS-31372-100
- b. APPLICATION REQUIREMENTS (REFERENCE 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													
		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex					
		mm		4:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)				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				2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING					
		ANGULAR TOL ± 3.0 °													
		4 PLACES		±											
		3 PLACES		±											
		2 PLACES		± 0.13											
		1 PLACE		± 0.25		DOCUMENT NUMBER SD-34707-200				DOC TYPE	DOC PART	REVISION			
		0 PLACES		±						PSD	001	K7			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		34707		SEE TABLE		GENERAL MARKET		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)

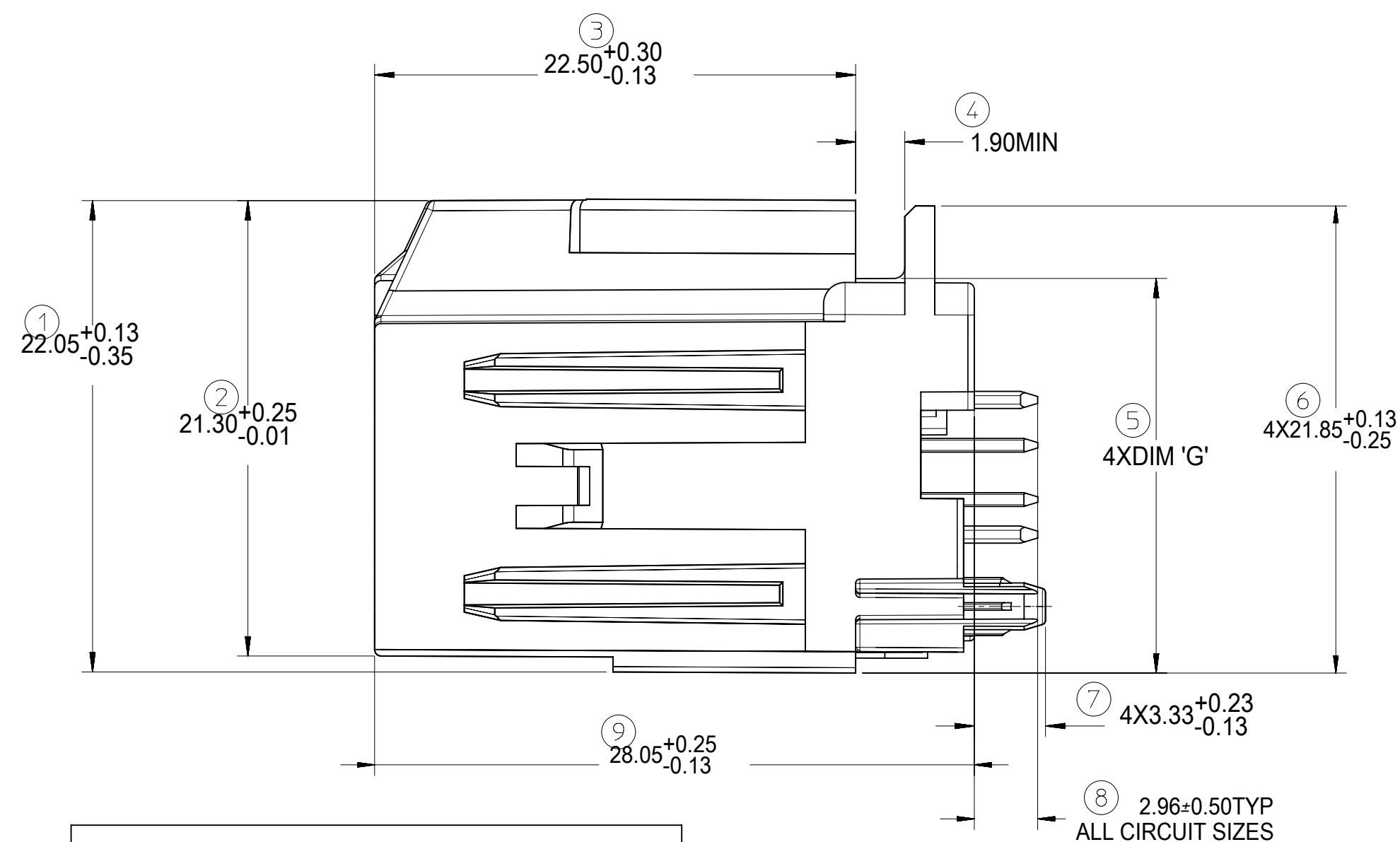
$\oplus$	$\varnothing 0.13$	(M)	F	(13)
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POST HOLE TABLE:

FOR DIM Z:

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

8-20CKT 0.64mm

18.40 MAX

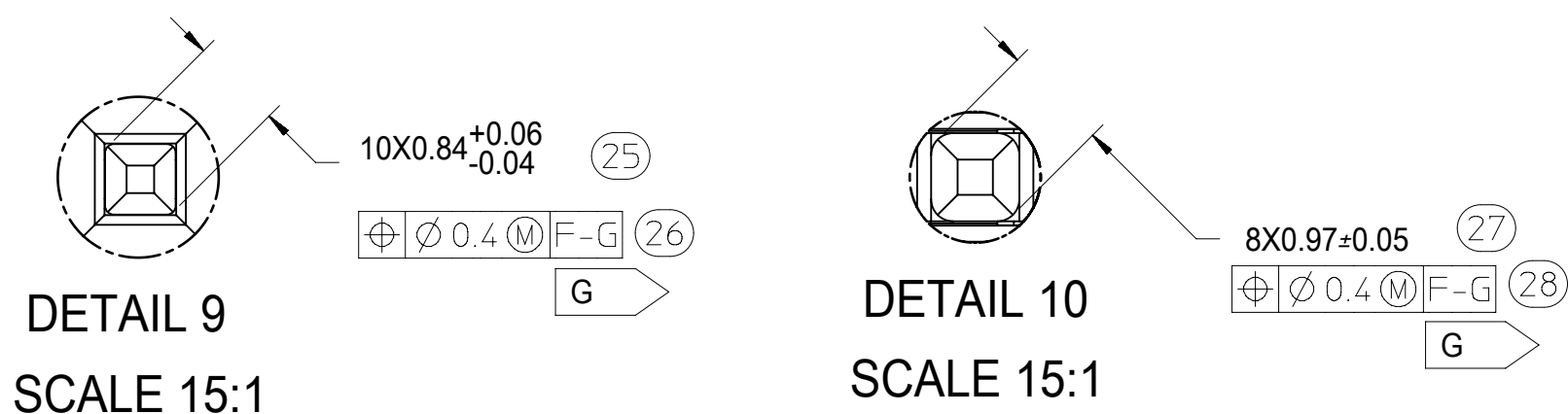
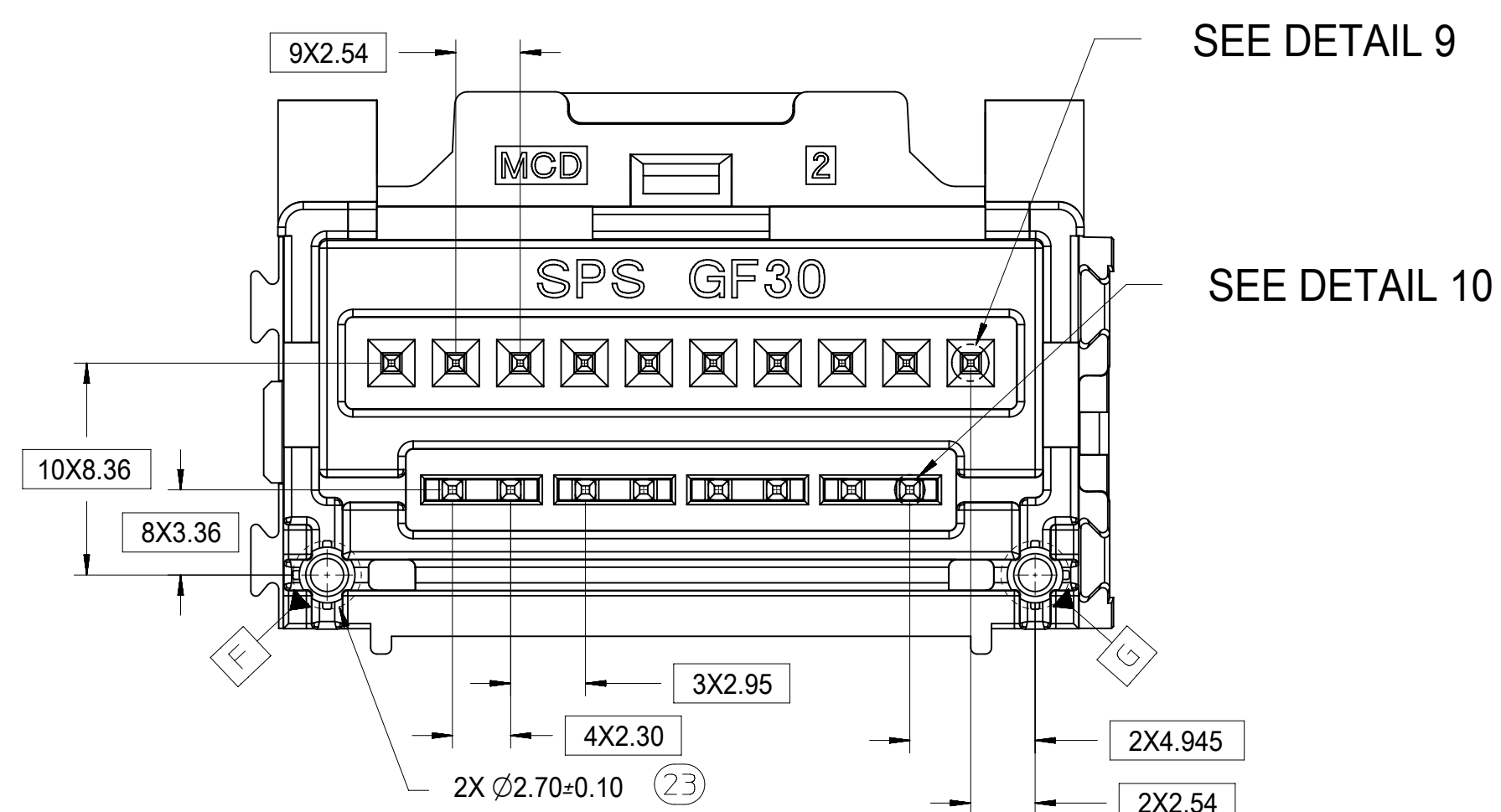
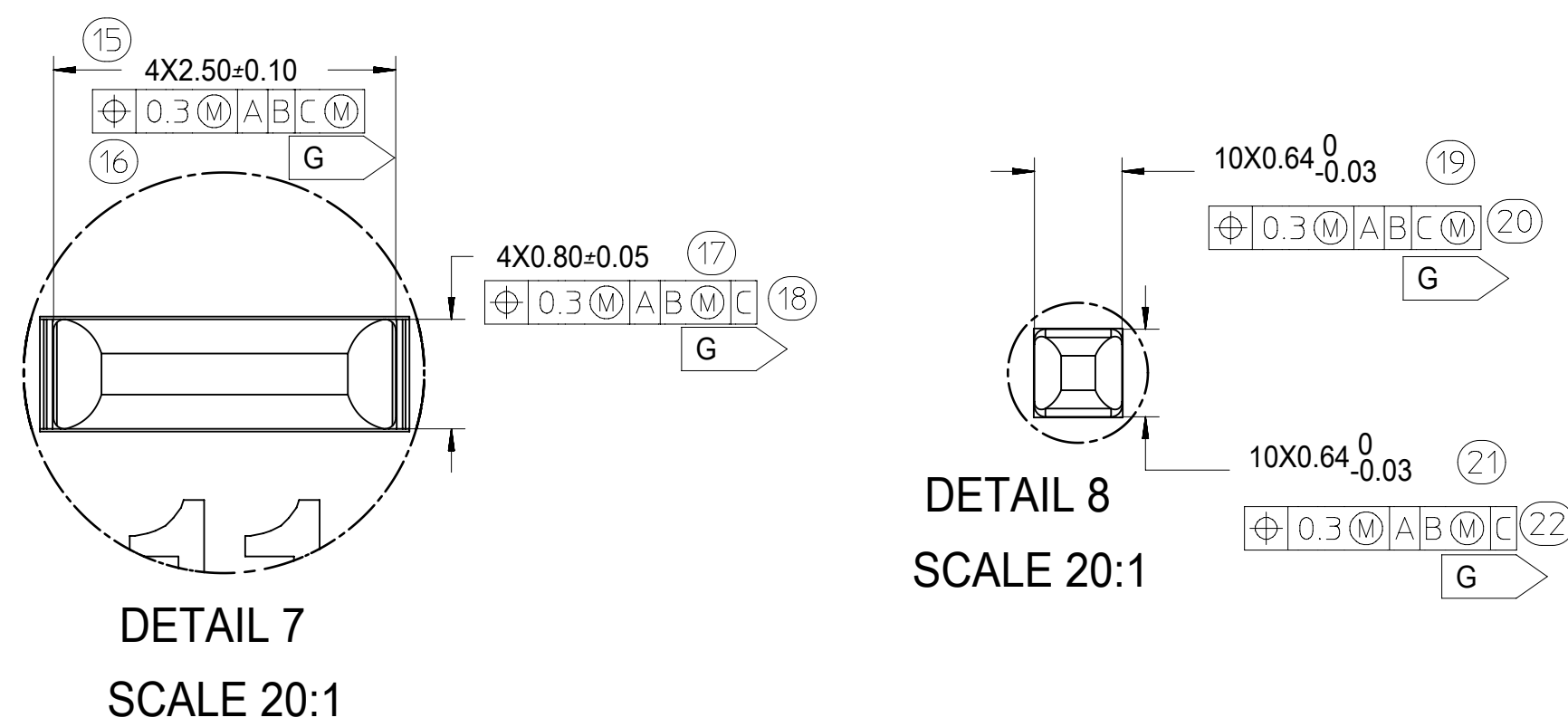
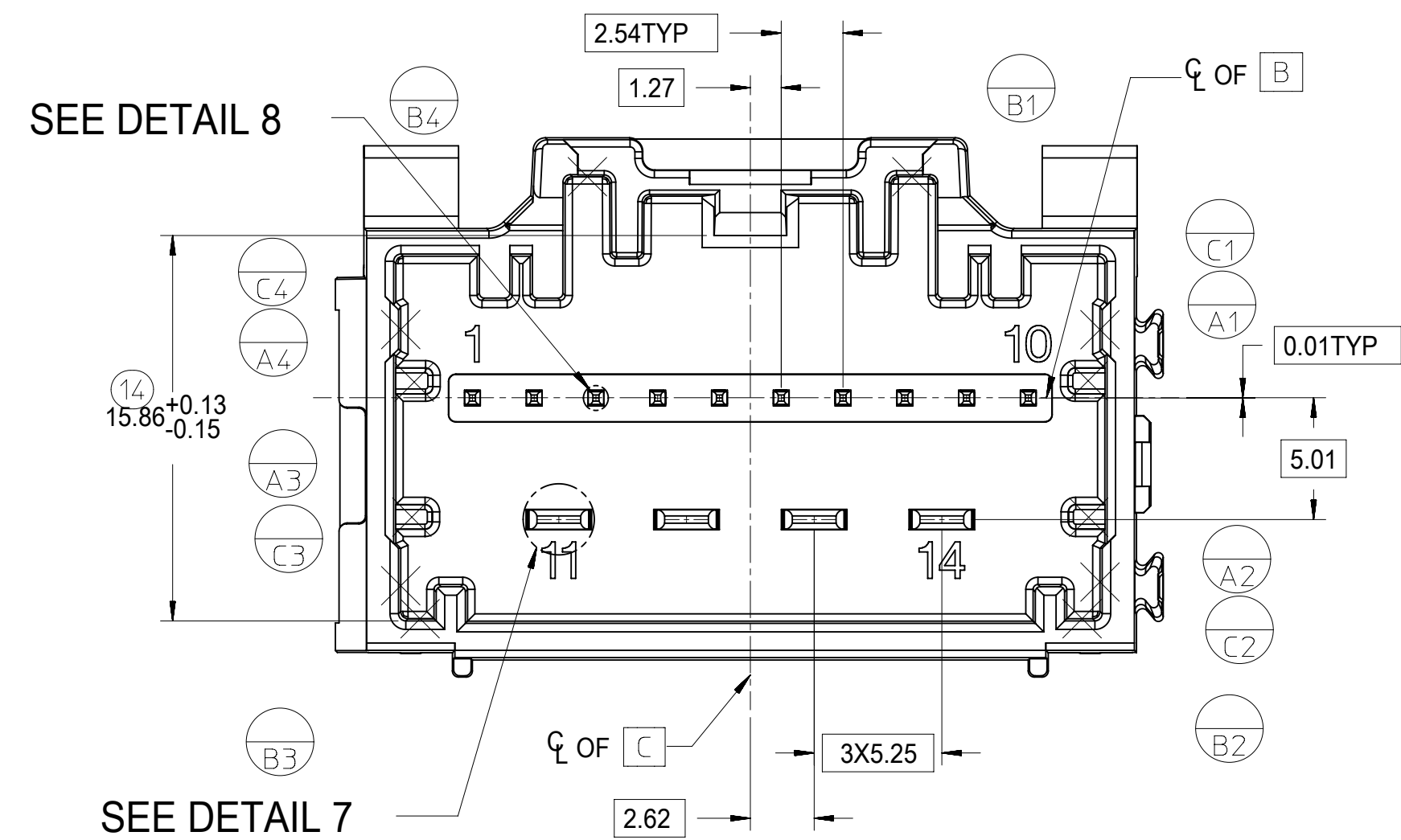
10/14CKT Hybrid

18.59 MAX

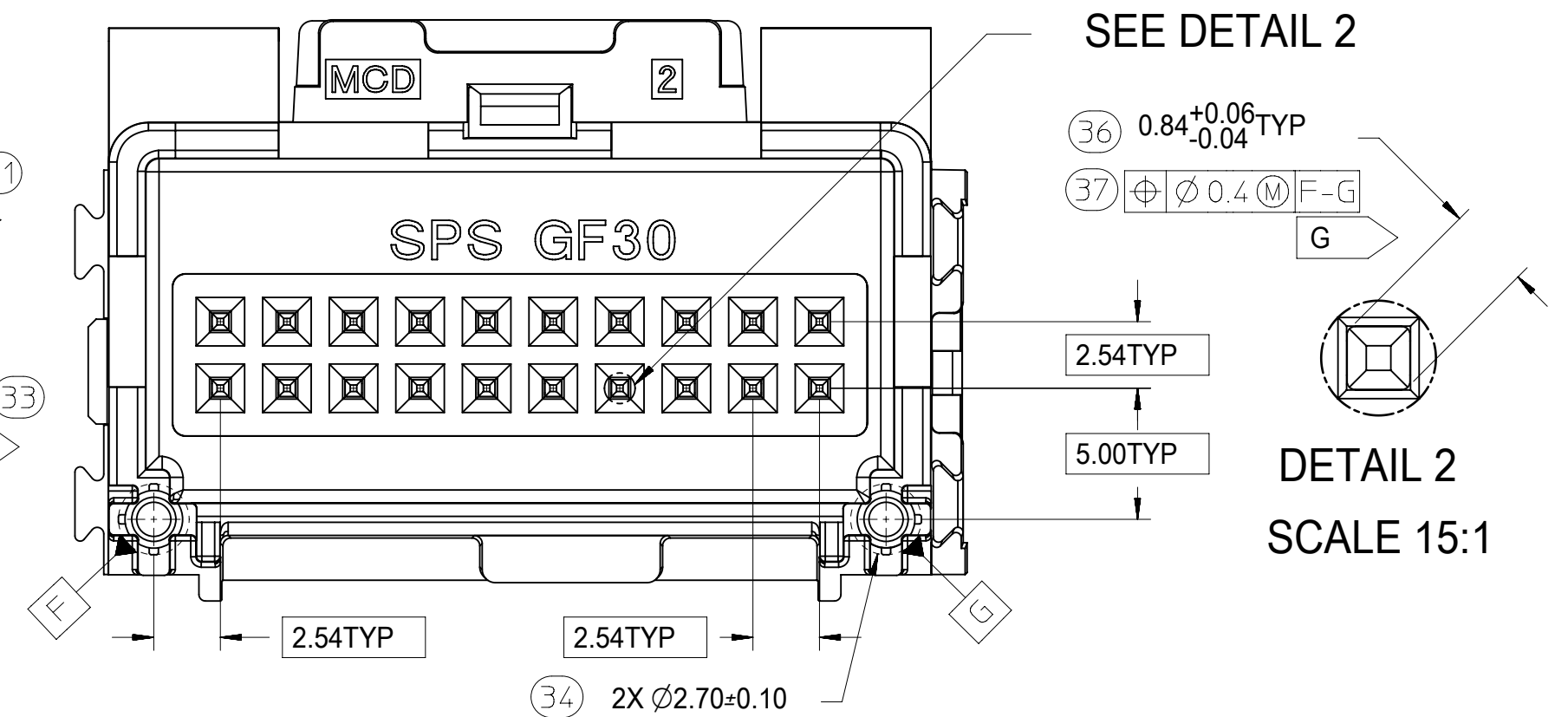
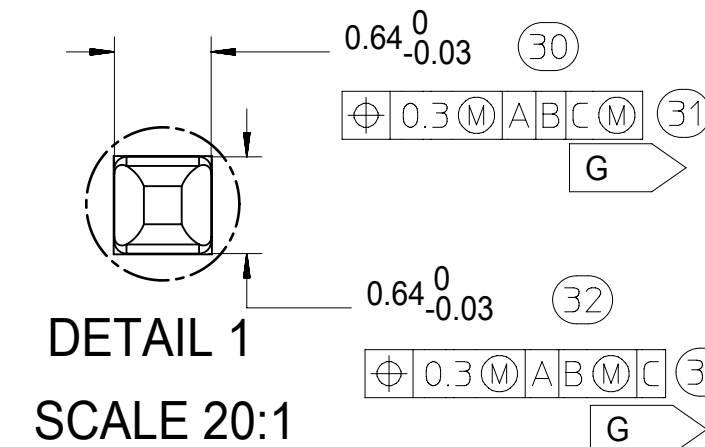
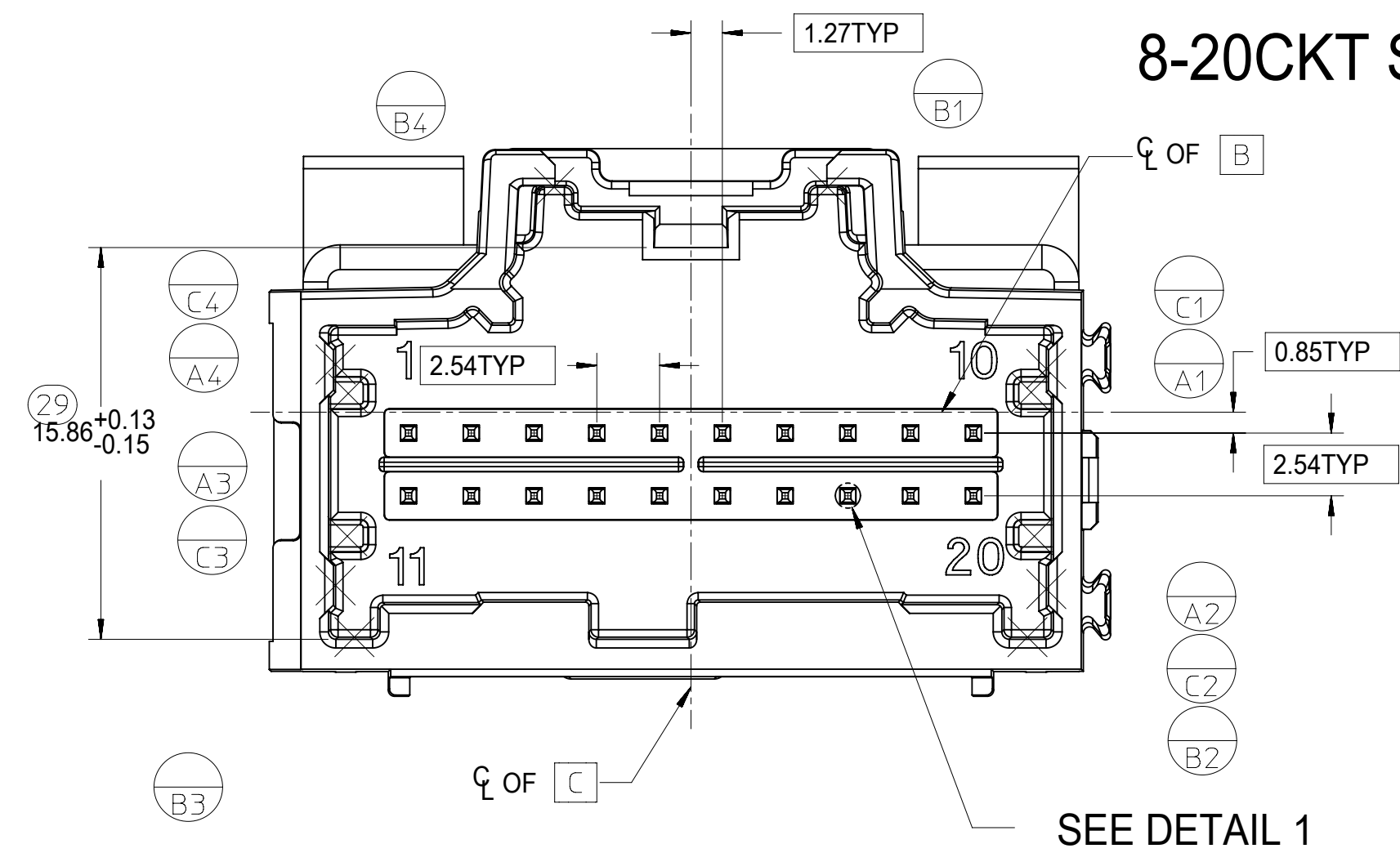
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex					
mm		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 612618				2-BAY STAC64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

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23	23:32:56
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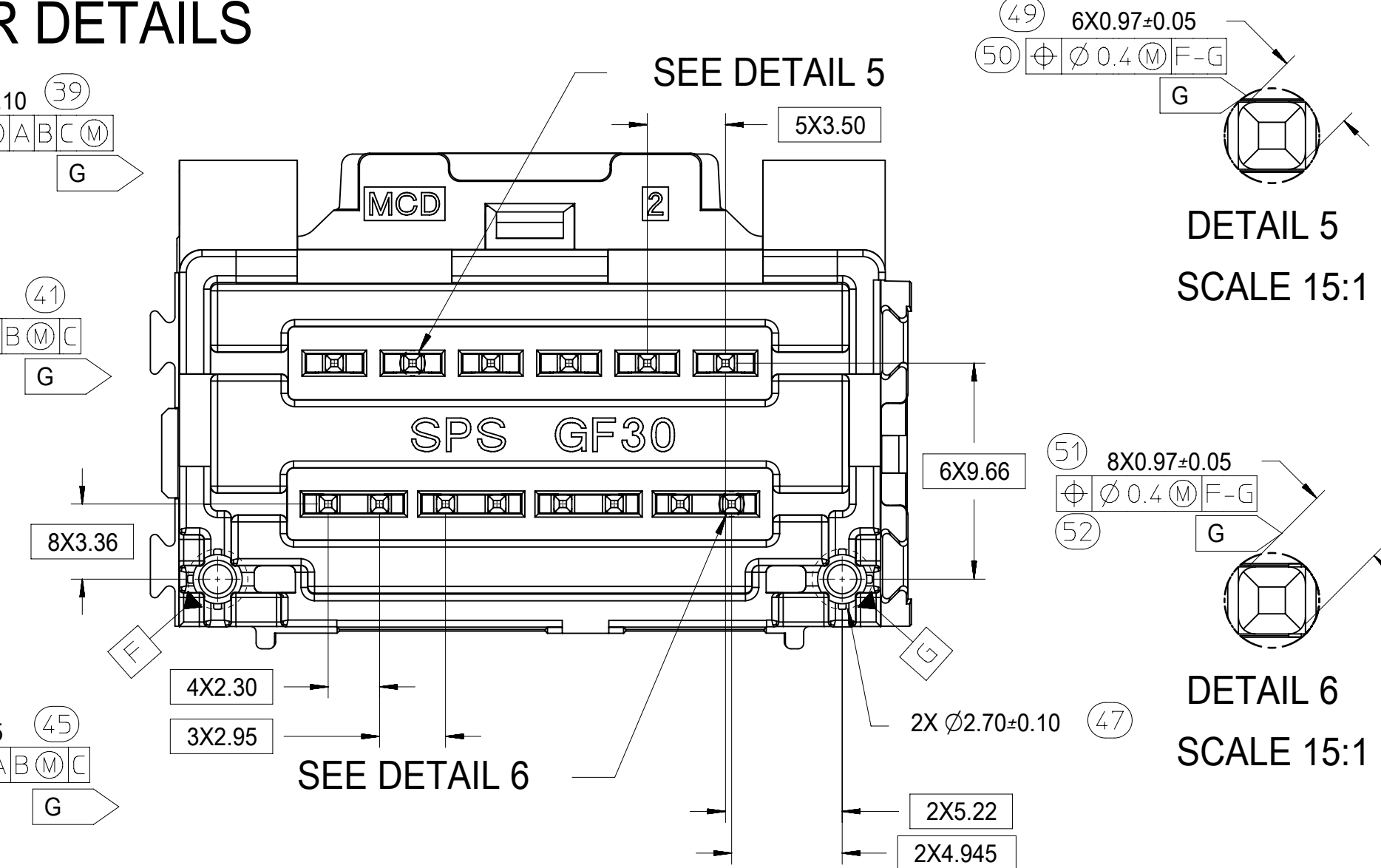
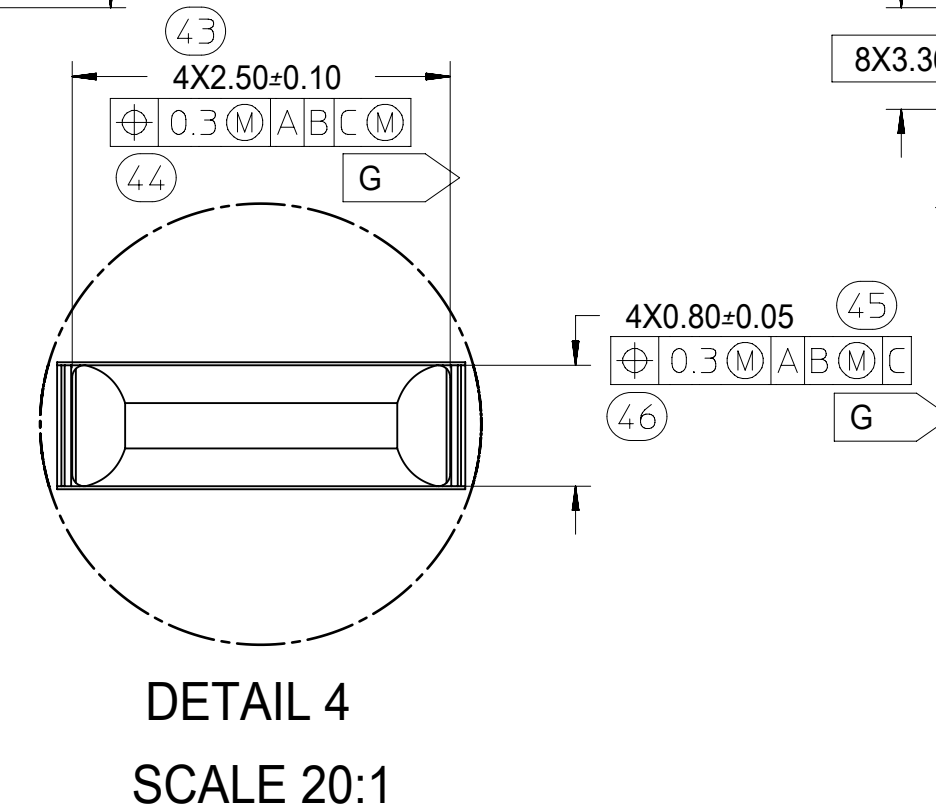
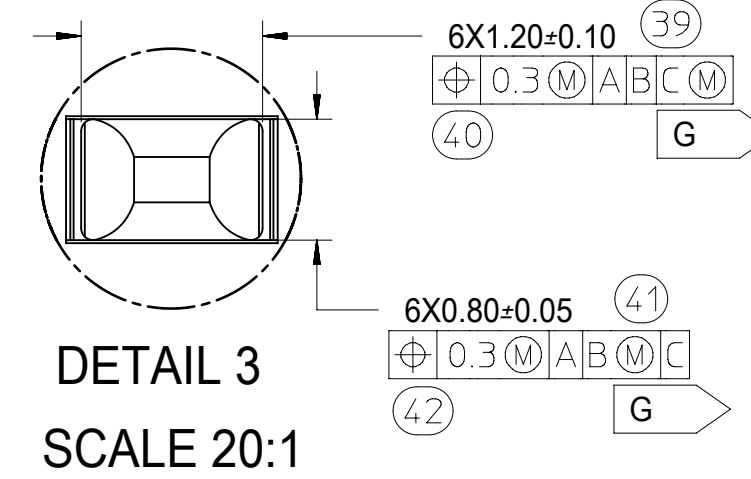
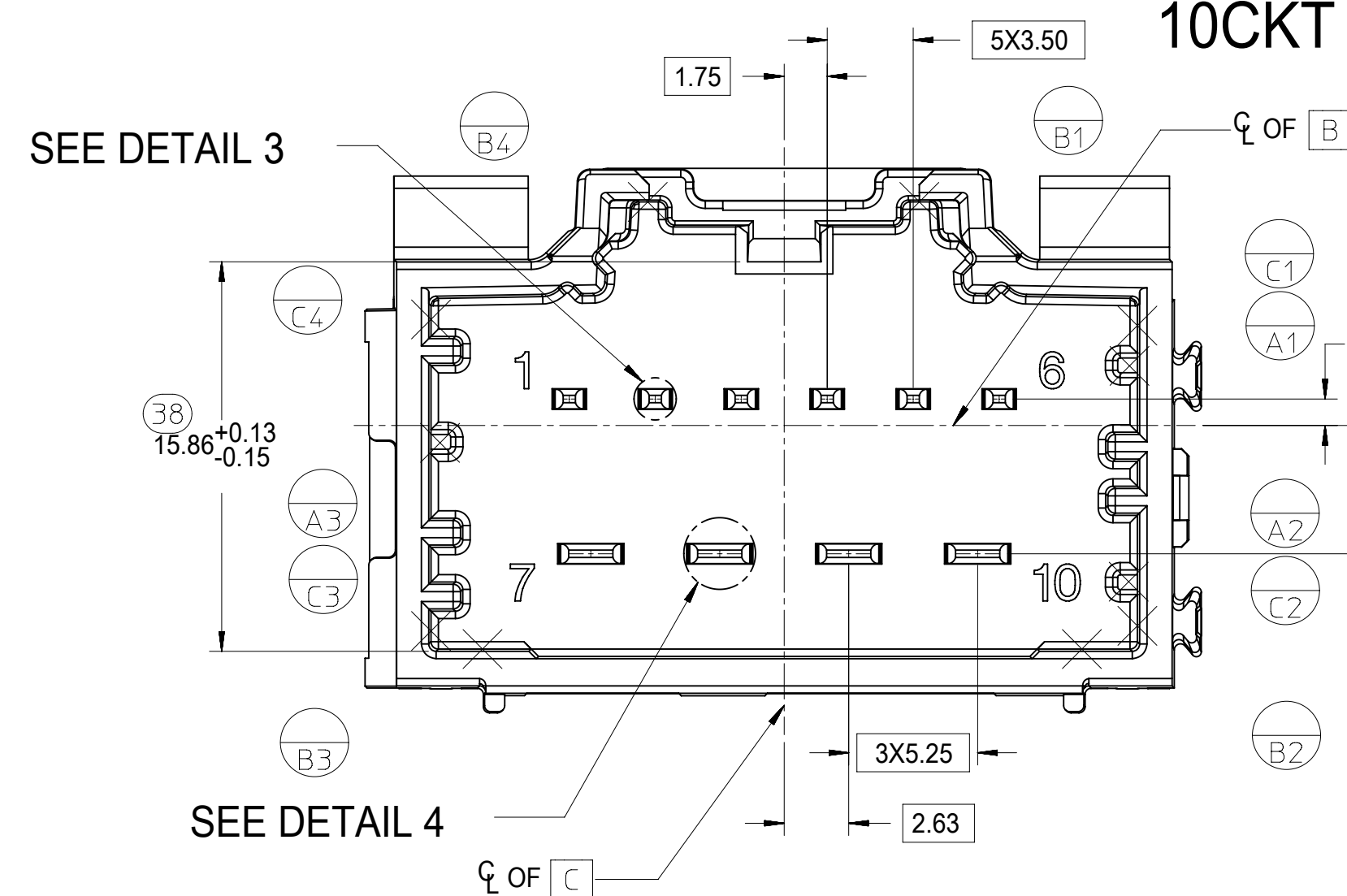
14CKT STAC HYRBID HEADER DETAILS



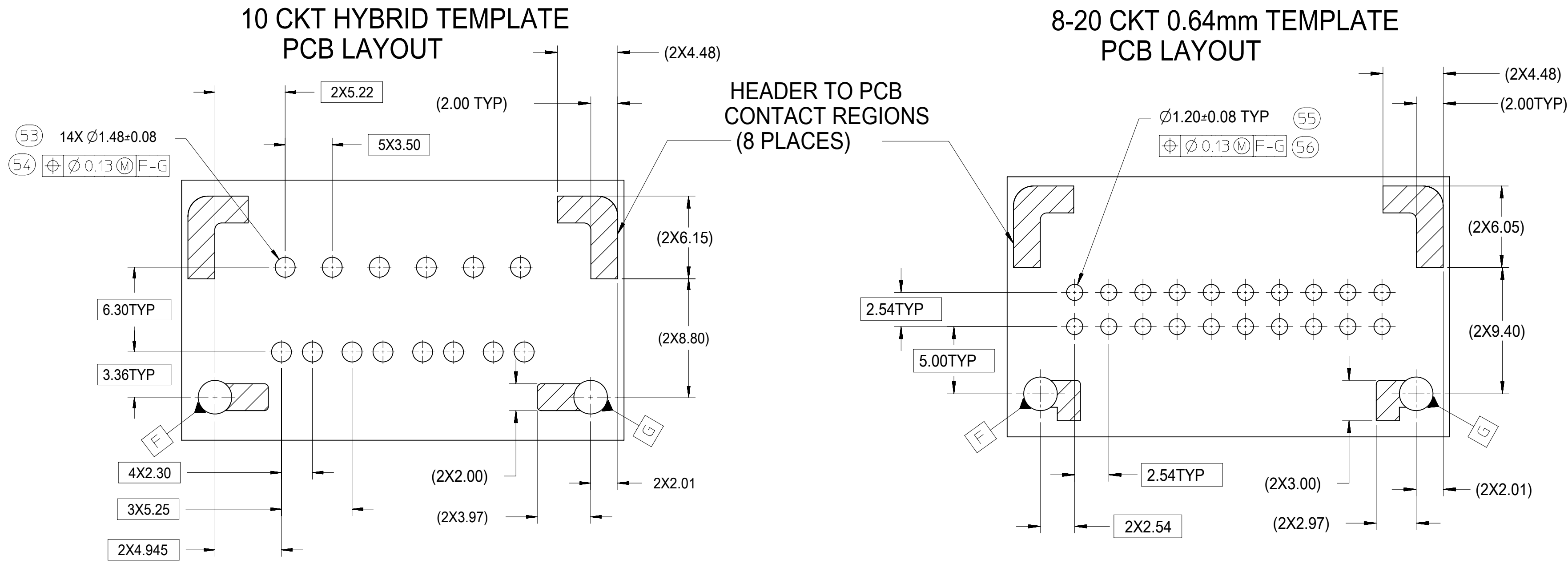
8-20CKT STAC 0.64mm HEADER DETAILS



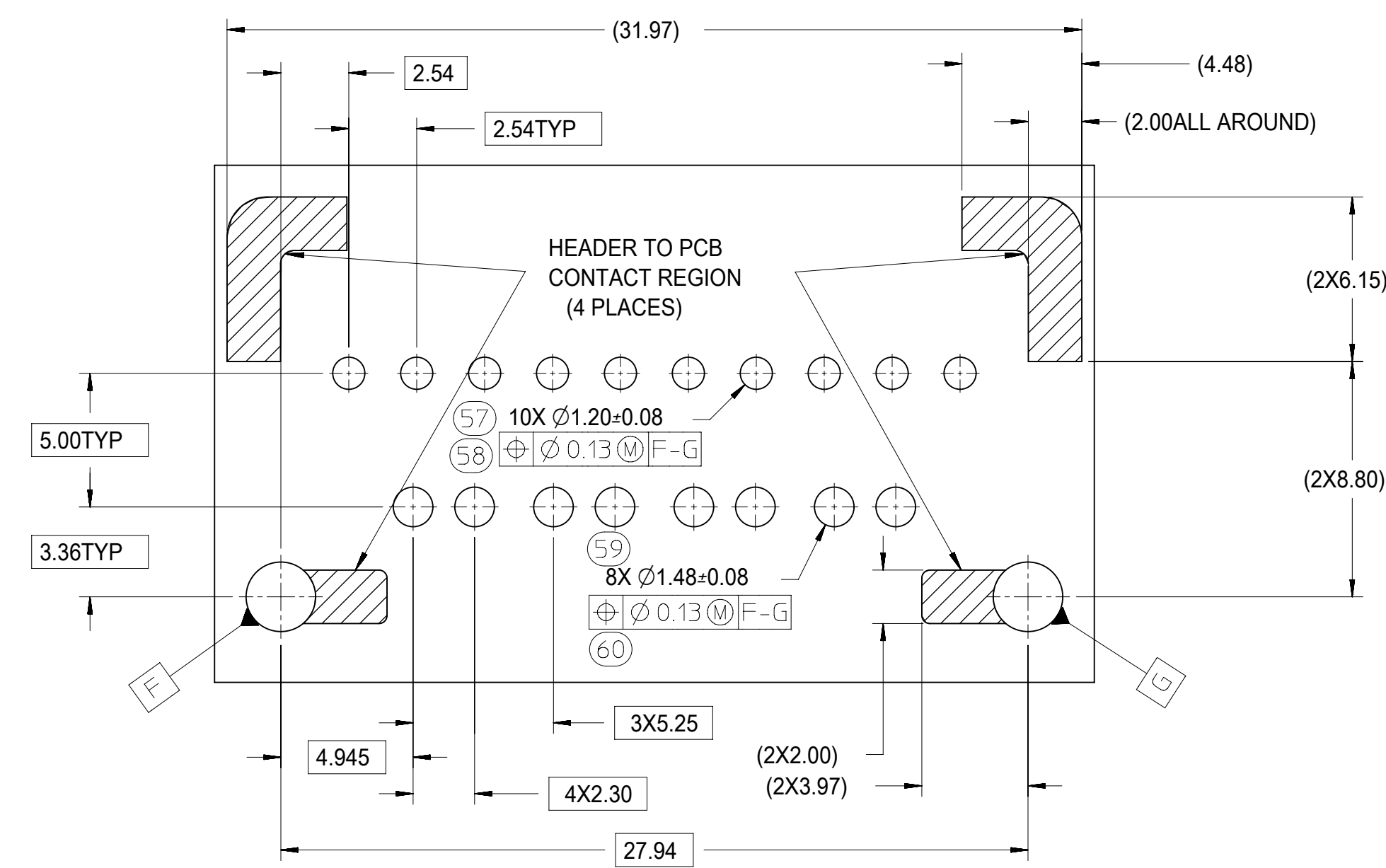
10CKT STAC HYRBID HEADER DETAILS



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



14 CKT HYBRID TEMPLATE PCB LAYOUT



SYMBOLS = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	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 mm	SCALE 4:1						
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 612618		2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING			
	ANGULAR TOL ± 3.0°		DRWN: SHANDITHAVAL 2019/02/22					
	4 PLACES ±		CHK'D: RBAUMAN 2019/02/23		PRODUCT CUSTOMER DRAWING			
3 PLACES ±		APPR: RBAUMAN 2019/02/23						
2 PLACES ± 0.13		INITIAL REVISION:		DOCUMENT NUMBER SD-34707-200				
1 PLACE ± 0.25		DRWN: MBAILEY 2008/08/14						DOC TYPE PSD
0 PLACES ±		APPR: SMARCEAU 2008/08/14		REVISION K7				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 34707	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET	SHEET NUMBER 4 OF 4

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:

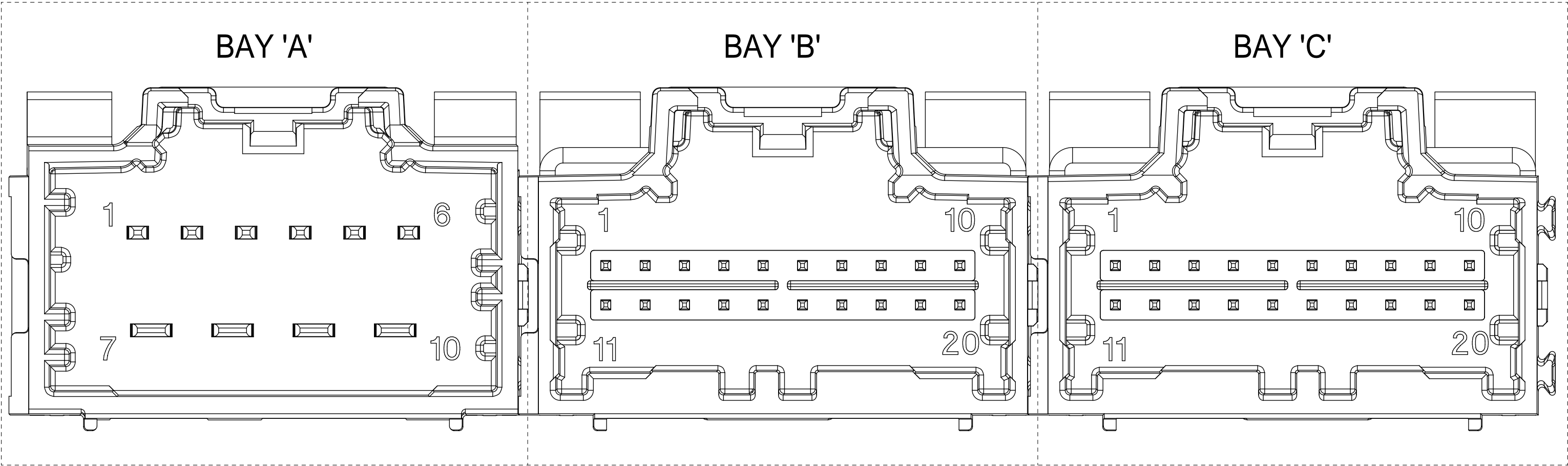
a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

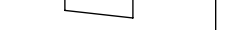
4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING
SINGLE BAY DRAWINGS:
8-20 CKT 0.64: SD-34690-100
10 CKT HYBRID: SD-34695-100
14 CKT HYBRIDI SD-34772-200

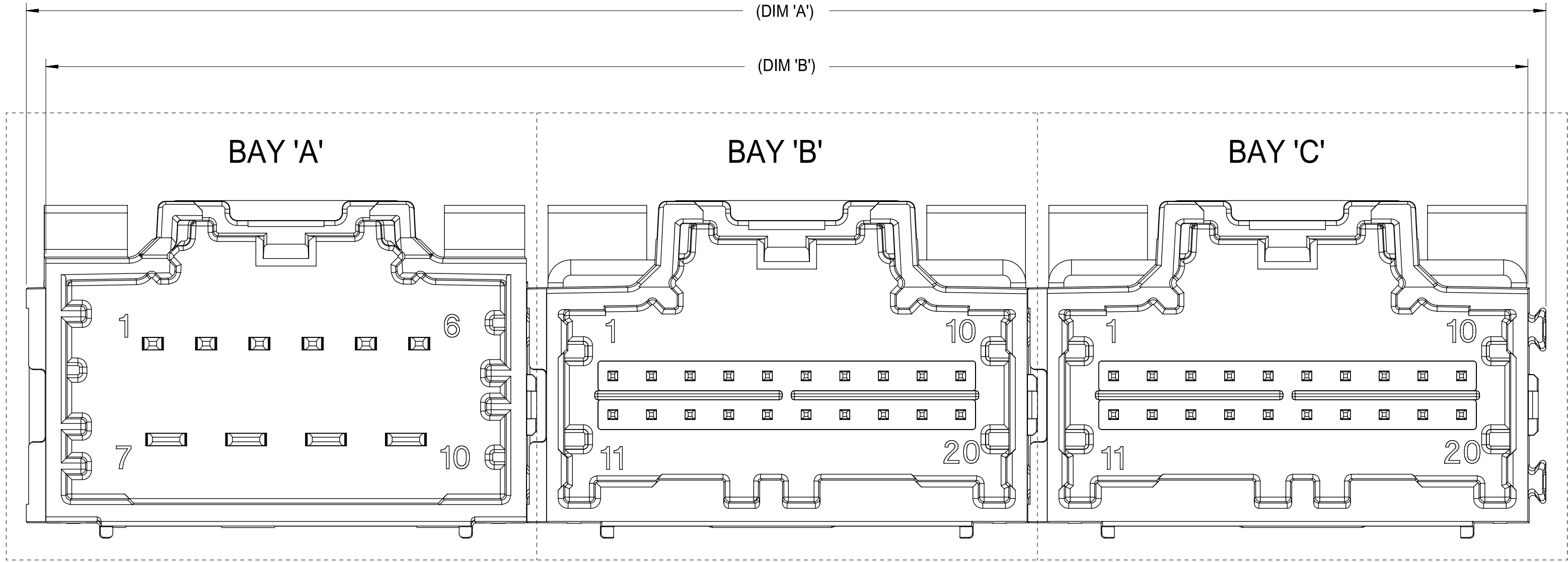
5. DENOTES DIMENSIONS THAT MAY BE QUALIFIED WITH A GAUGE.

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

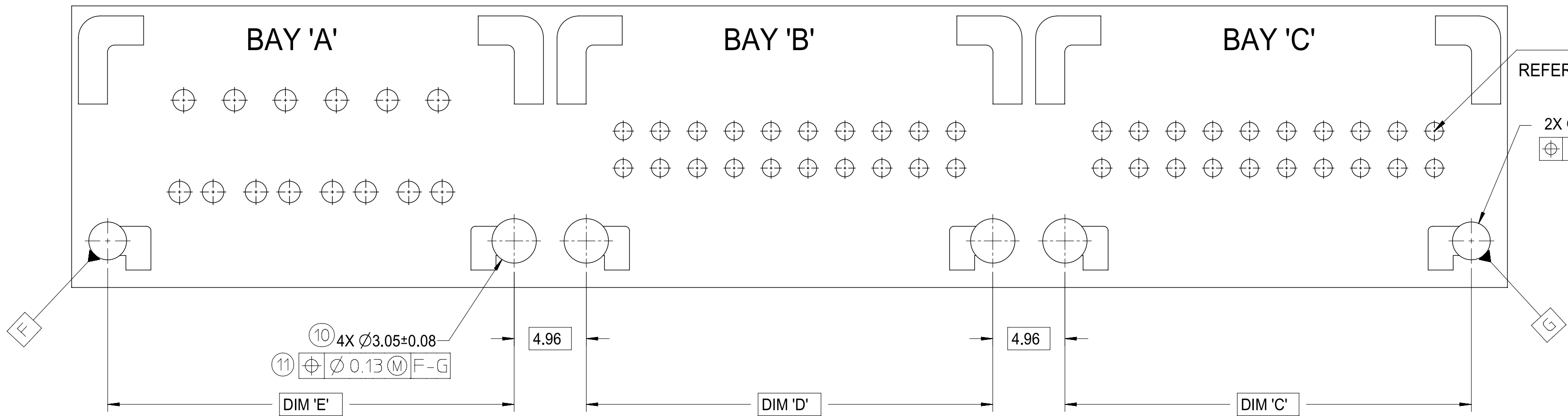


K4	POL. DETAILS CORRECTED FOR P/N 34707-3101 IN CONFIGURATION CHART OF SHEET 2	CO-000001427	2022.10
K3	MOVED CONFIGURATION CHART TO SHEET 2 ADDED P/N 34707-3101 IN CONFIGURATION CHART OF SHEET 2	CO-000001427	2022.09
REV.	REV DESCRIPTION	CO#	DATE

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				CURRENT REV DESC: SEE REVISION CHART				molex 3-BAY STAC64 VERTICAL HEADER ASSEMBLY					
FA = 0 FC = 0 FP = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		PHASE: Design Production CO NO: CO-000001427 DRWN: Raghu GV 2022-10-26 CHK'D: Cindy Zhang 2022-11-23 APPR: Colin Zhang 2022-11-28 INITIAL REVISION: DRWN: RFC_PLMIMP APPR:									
		mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 1.0°															
		4 PLACES		±		PRODUCT SALES DRAWING									
		3 PLACES		±											
		2 PLACES		± 0.130											
		1 PLACE		± 0.25											
		0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				D-SIZE		34707		SD-34707-300		PSD		001		K4	
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								SEE TABLE		GENERAL MARKET		1 OF 5			



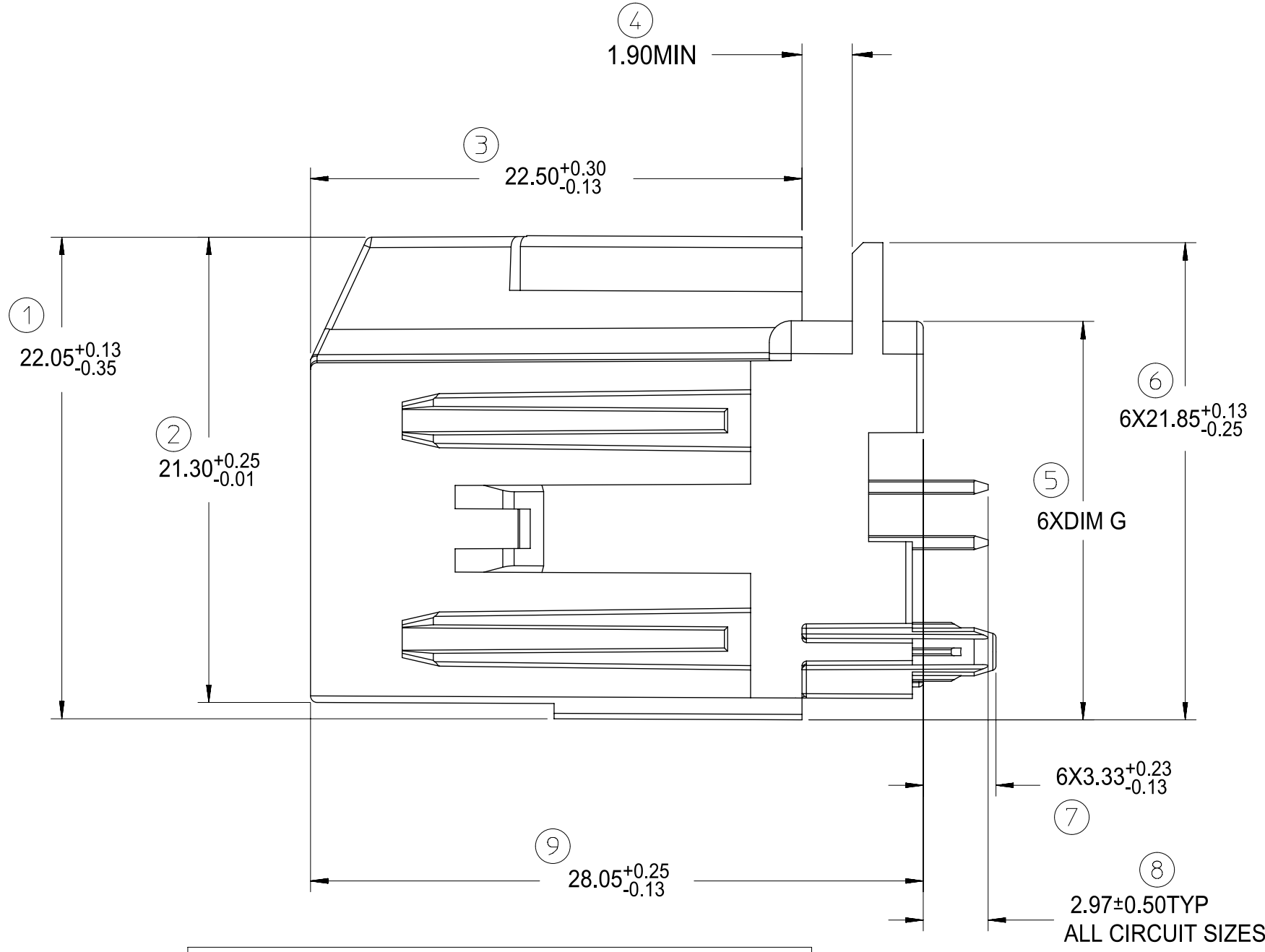
RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAYS USING CHART ON SHEET 2



FOR PIN LOCATION,
REFER TO TEMPLATES ON SHEET 4

2X $\varnothing Z \pm 0.08$ (12)
 $\varnothing 0.13$ (M) (F) (13)

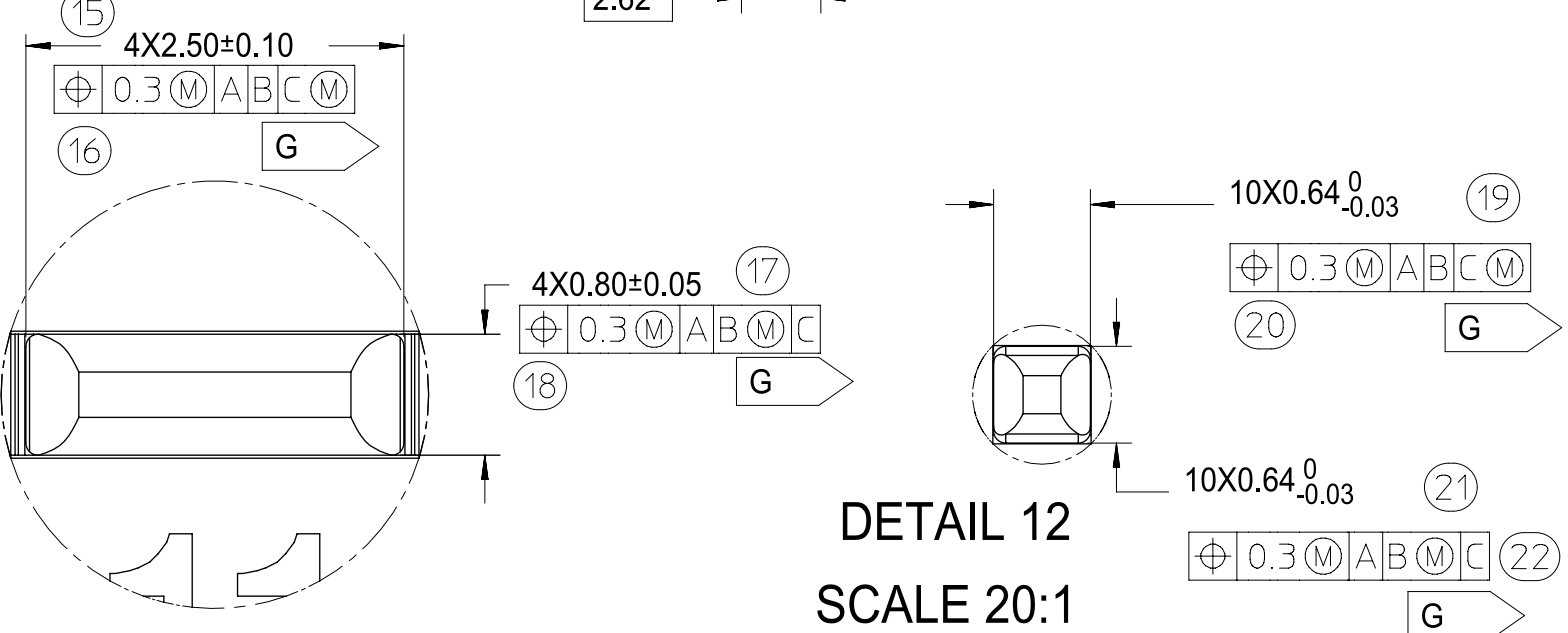
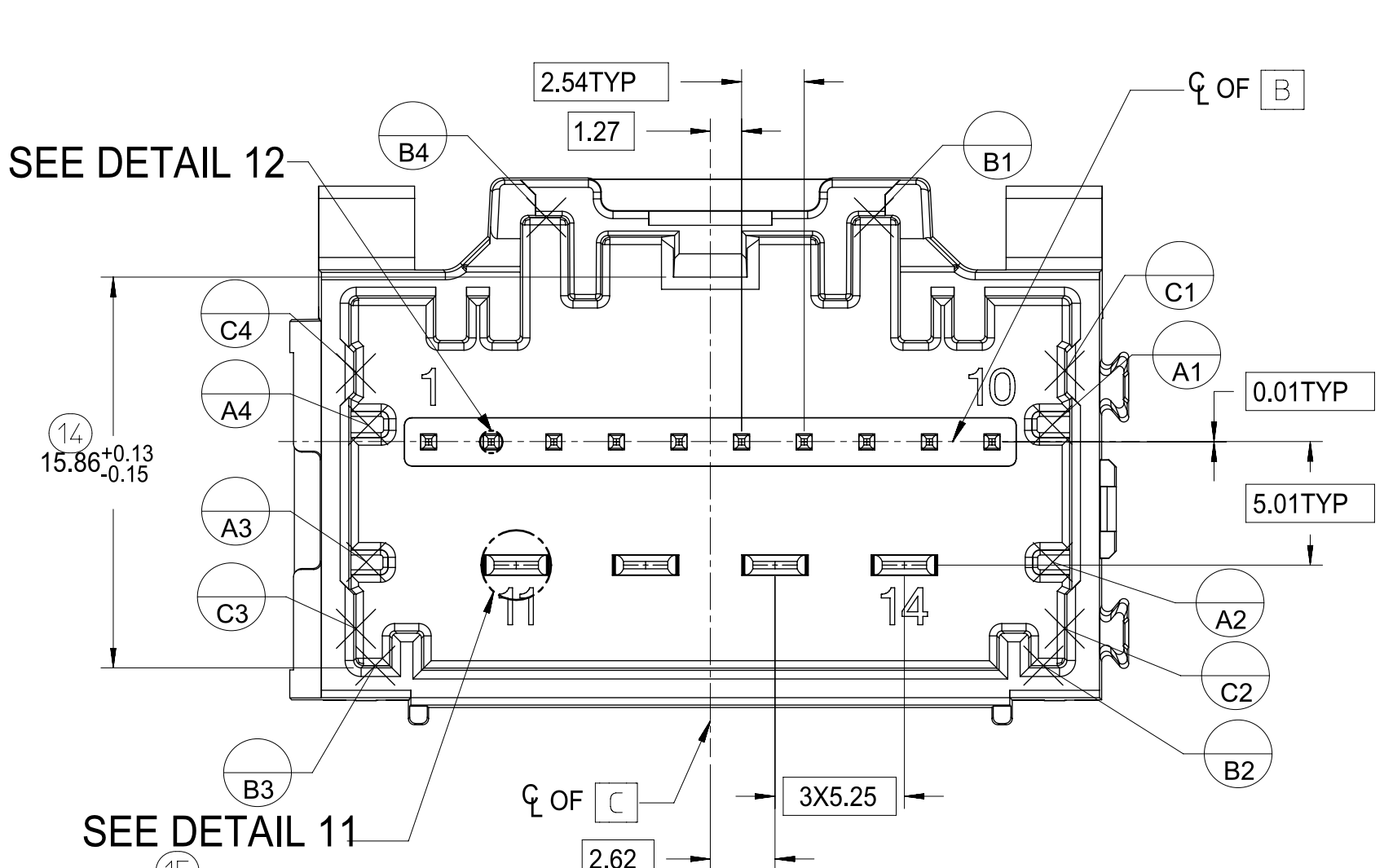
POST HOLE TABLE:	
FOR DIM Z:	
PRESS FIT:	2.60
DROP IN:	3.05



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

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL 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: SEE REVISION CHART				molex 3-BAY STAC64 VERTICAL HEADER ASSEMBLY						
	mm		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				PHASE: Design Production CO NO: CO-000001427 DRWN: Raghu GV 2022-10-26 CHK'D: Cindy Zhang 2022-11-23 APPR: Colin Zhang 2022-11-28										
	ANGULAR TOL ± 1.0°														
	4 PLACES		±												
	3 PLACES		±		PRODUCT SALES DRAWING										
	2 PLACES		± 0.130												
	1 PLACE		± 0.25		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION				
	0 PLACES		±		INITIAL REVISION:		SD-34707-300		PSD		001 K4				
DRWN: JDUNAJ 2009/03/10 APPR: SMARCEU 2009/03/11				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						D-SIZE		34707		SEE TABLE		GENERAL MARKET		3 OF 5	

14CKT STAC HYBRID HEADER DETIALS

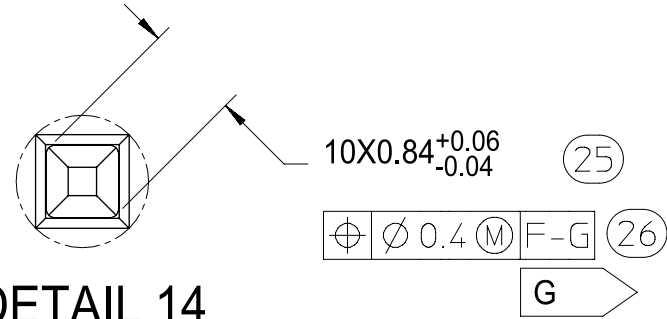
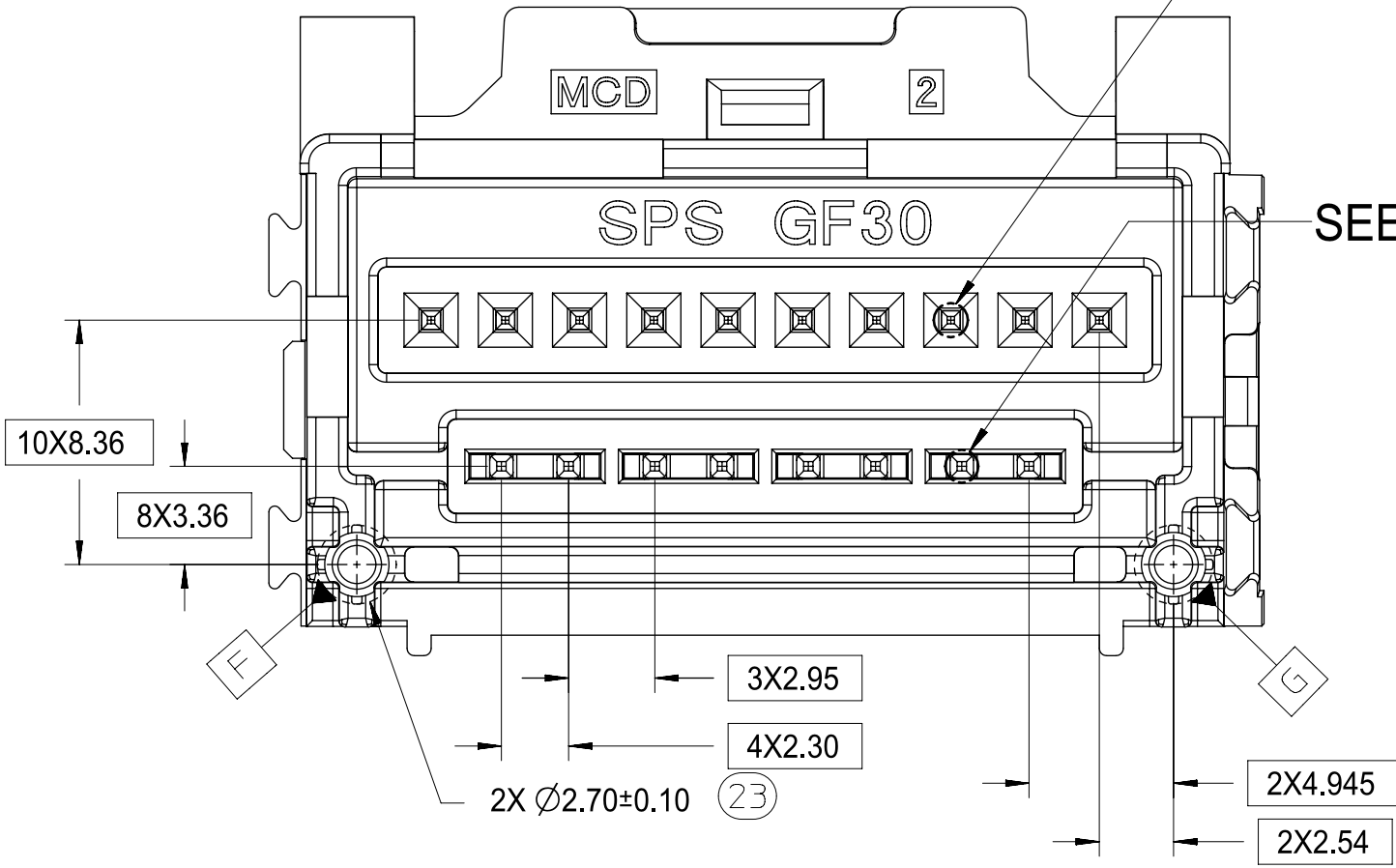


DETAIL 11
SCALE 20:1

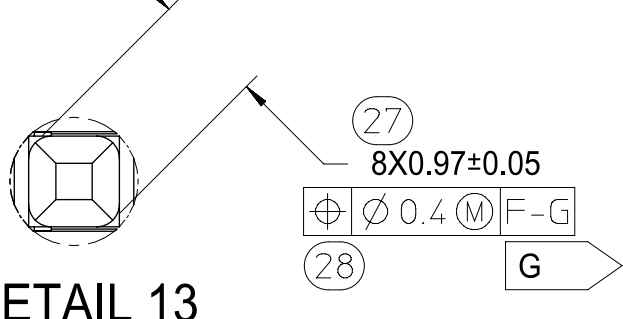
DETAIL 12
SCALE 20:1

SEE DETAIL 14

SEE DETAIL 13

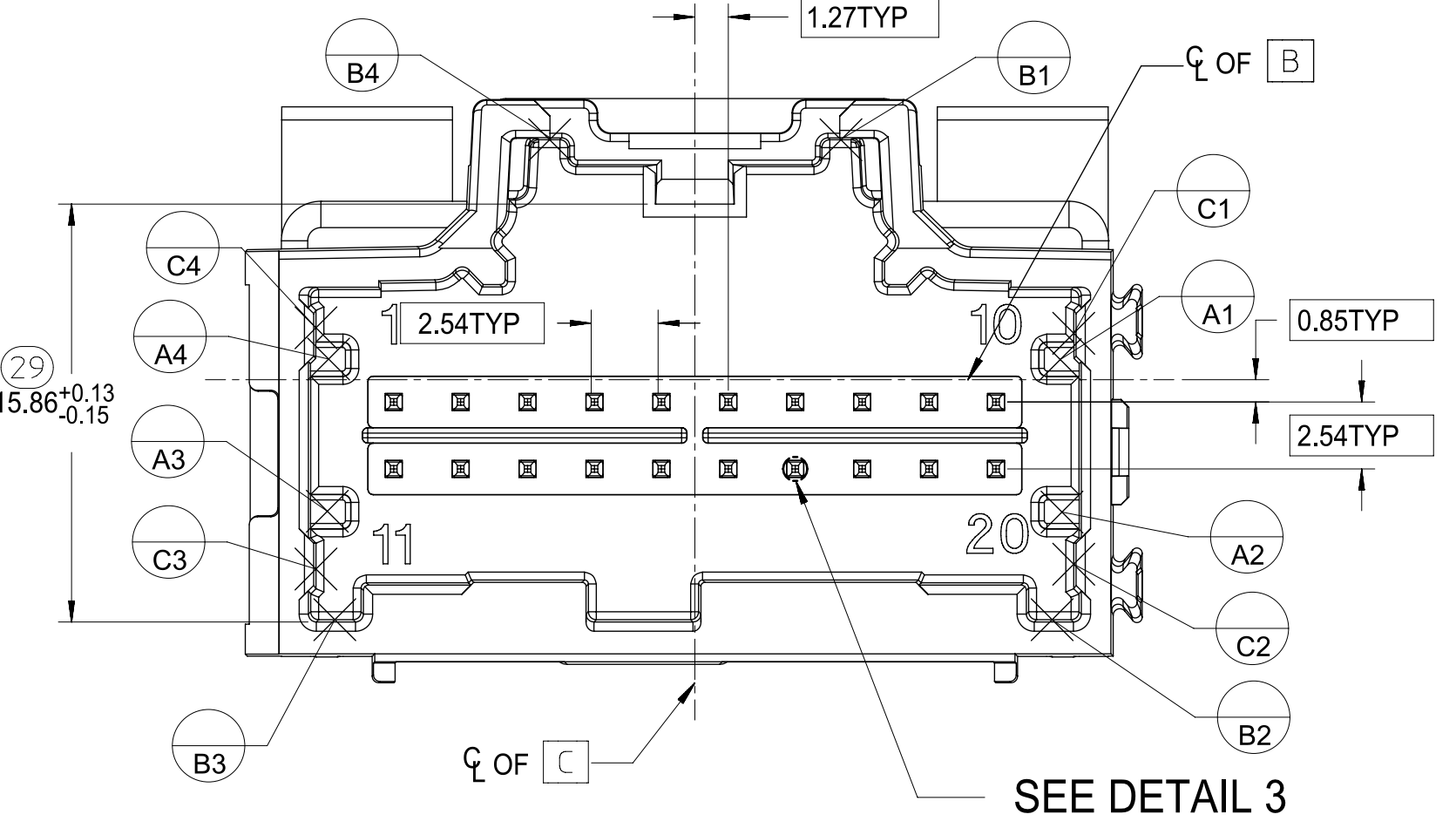


DETAIL 14
SCALE 15:1

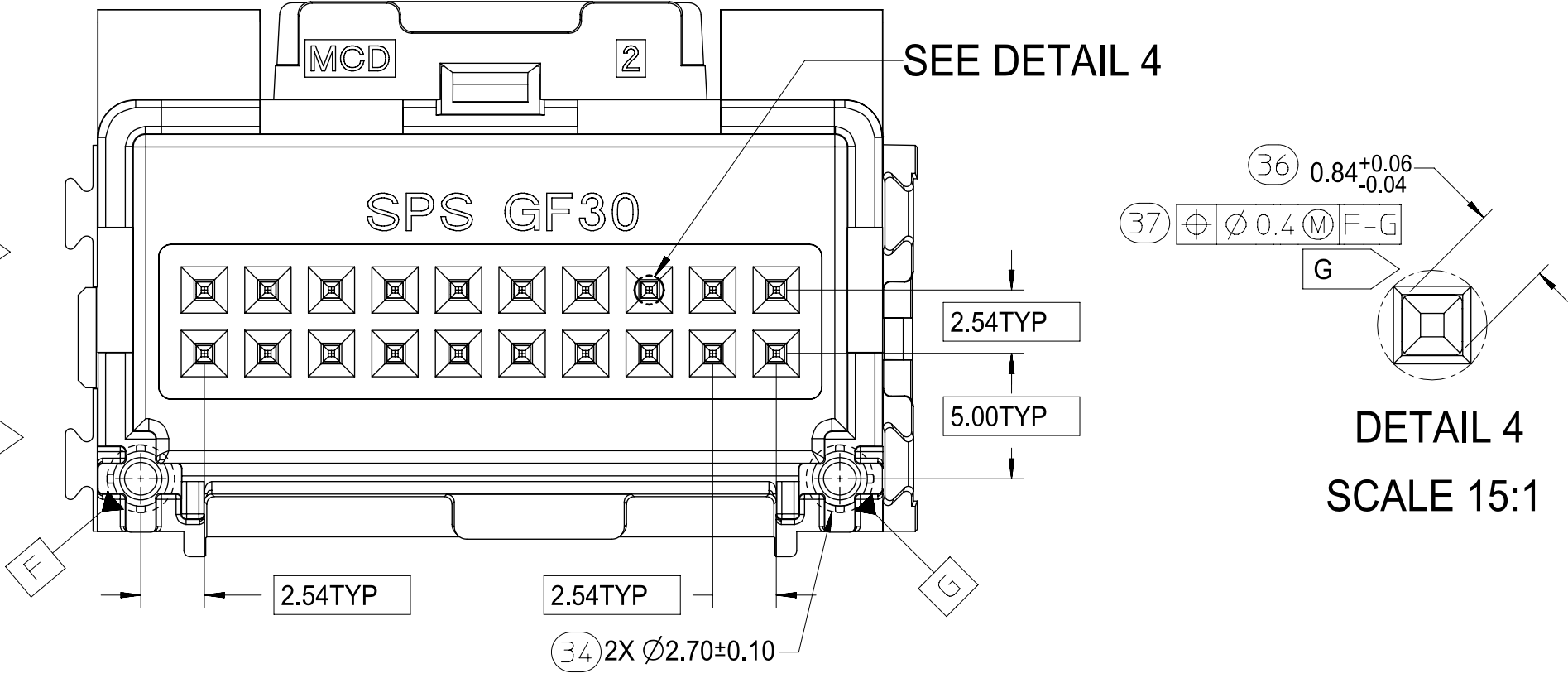


DETAIL 13
SCALE 15:1

8-20CKT STAC 0.64mm HEADER DETIALS

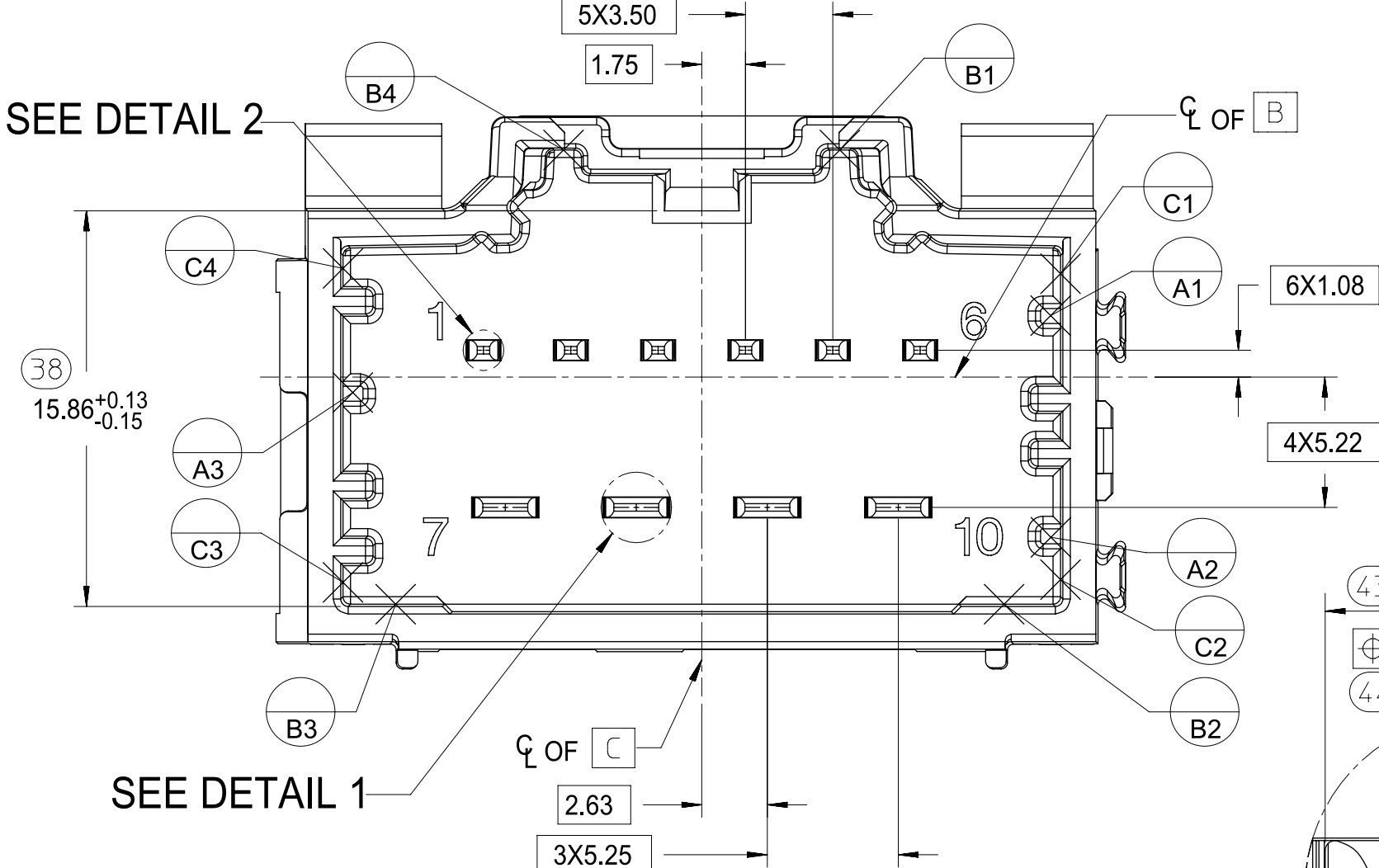


DETAIL 3
SCALE 15:1

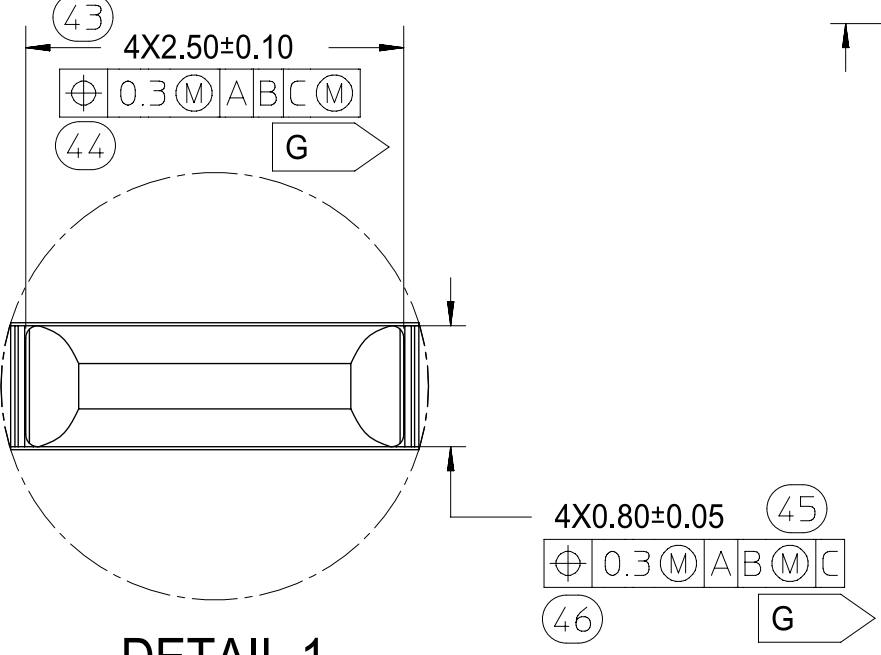


DETAIL 4
SCALE 15:1

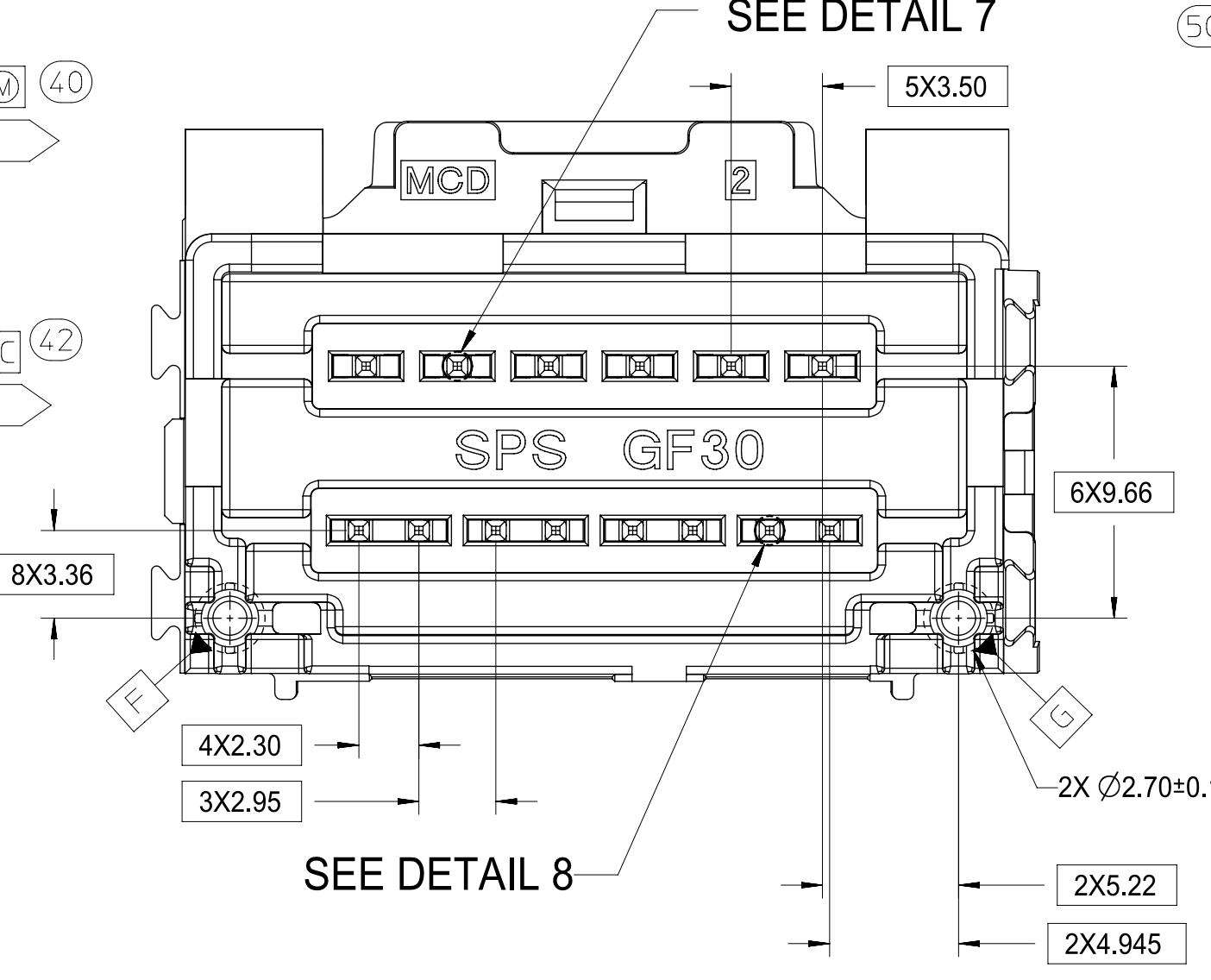
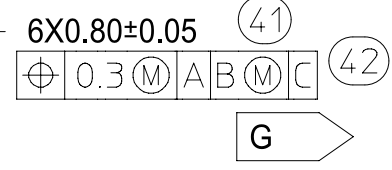
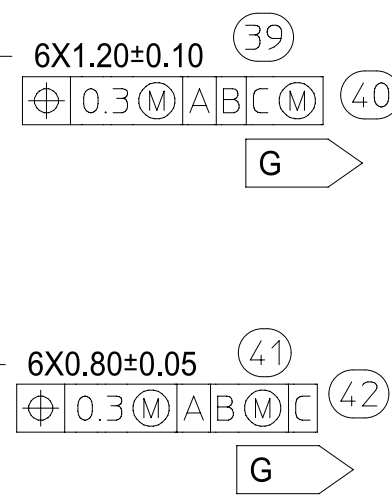
10CKT STAC HYBRID HEADER DETIALS



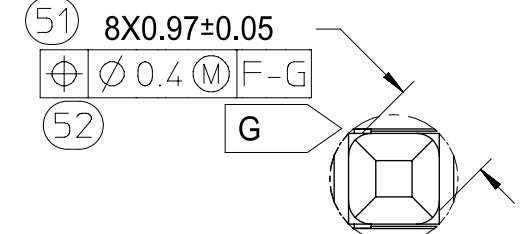
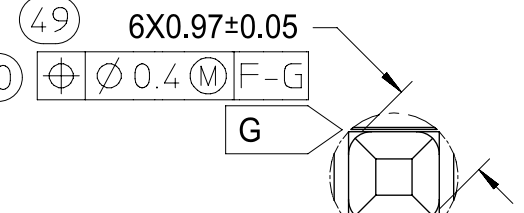
DETAIL 2
SCALE 20:1



DETAIL 1
SCALE 20:1



DETAIL 7
SCALE 15:1



DETAIL 8
SCALE 15:1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
FUNCTIONAL SYMBOLS $\frac{F}{A} = 0$ $\frac{F}{E} = 0$ $\frac{F}{P} = 0$ DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION CHART			molex 3-BAY STAC64 VERTICAL HEADER ASSEMBLY		
	mm		4:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 1.0°									
	4 PLACES		±		DRWN: Raghu GV		2022-10-26			
	3 PLACES		±		CHK'D: Cindy Zhang		2022-11-23			
	2 PLACES		± 0.130		APPR: Colin Zhang		2022-11-28			
	1 PLACE		± 0.25		INITIAL REVISION:					
	0 PLACES		±		DRWN: JDUNAJ		2009/03/10			
					APPR: SMARCEU		2009/03/11			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		
				D-SIZE		34707		SD-34707-300		
								DOC TYPE		
								DOC PART		
								REVISION		
								PSD		
								001		
								K4		
								MATERIAL NUMBER		
								CUSTOMER		
								SHEET NUMBER		
								SEE TABLE		
								GENERAL MARKET		
								4 OF 5		

53 14XØ1.48±0.08

54 $\oplus$ Ø 0.13 M F-G

2X5.22

5X3.50

(2X4.48)

(2.00TYP)

2X6.15

(2X8.80)

6.30TYP

3.36TYP

2X4.945

4X2.30

3X5.25

(2X2.00)

(2X3.97)

(2X2.01)

HEADER TO PCB CONTACT REGIONS (8 PLACES)

2.5

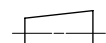
5.0

1.0

Technical drawing of a rectangular plate with the following dimensions and features:

- Overall width: $2X4.48$
- Overall height: $2X9.40$
- Top edge features:
 - Top left corner: $2X4.48$
 - Top right corner: $2X4.48$
- Bottom edge features:
 - Bottom left corner: $2X4.48$
 - Bottom right corner: $2X4.48$
- Internal dimensions and features:
 - Top edge: $2X4.48$
 - Bottom edge: $2X4.48$
 - Left edge: $2X4.48$
 - Right edge: $2X4.48$
 - Top edge: $2X4.48$
 - Bottom edge: $2X4.48$
 - Left edge: $2X4.48$
 - Right edge: $2X4.48$

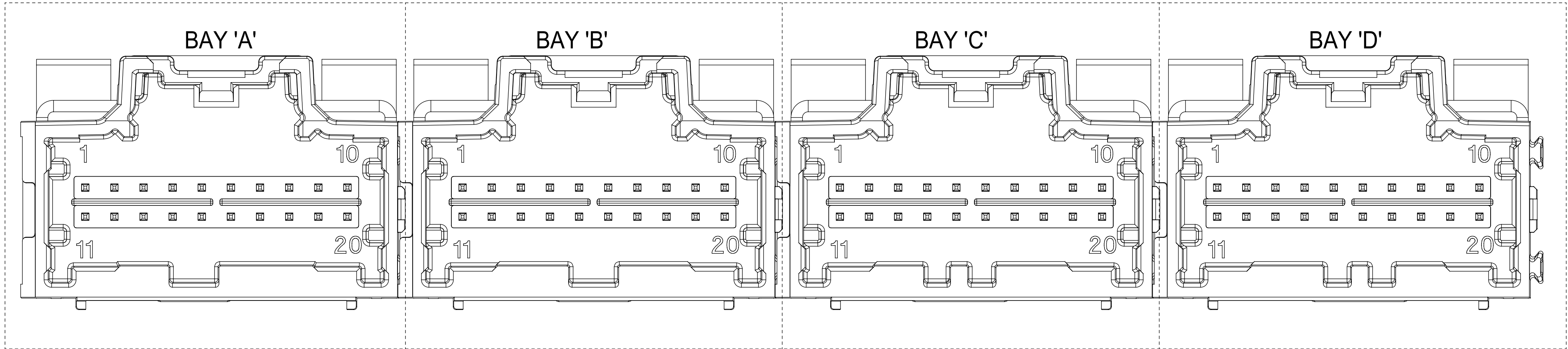
(31.97)
 (4.48)
 (2.00 ALL AROUND)
 2.54
 2.54 TYP
 5.00 TYP
 3.36 TYP
 27.94
 4.945
 4X2.30
 3X5.25
 (2X2.00)
 (2X3.97)
 (2X6.15)
 (2X8.80)
 F
 G
 57
 58
 59
 60
 10X $\varnothing 1.20 \pm 0.08$
 $\varnothing \varnothing 0.13$ F-G
 8X $\varnothing 7.40 \pm 0.08$
 $\varnothing \varnothing 0.13$ F-G
 HEADER TO PCB CONTACT REGION (4 PLACES)

FUNCTIONAL 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: SEE REVISION CHART		molex 3-BAY STAC64 VERTICAL HEADER ASSEMBLY								
	mm		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				PHASE: Design Production CO NO: CO-000001427 DRWN: Raghu GV 2022-10-26 CHK'D: Cindy Zhang 2022-11-23 APPR: Colin Zhang 2022-11-28										
	ANGULAR TOL ± 1.0°														
	4 PLACES		±												
	3 PLACES		±		PRODUCT SALES DRAWING										
	2 PLACES		± 0.130												
	1 PLACE		± 0.25												
	0 PLACES		±		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION				
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SD-34707-300		PSD		001		K4			
		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						D-SIZE		34707		SEE TABLE		GENERAL MARKET		5 OF 5	

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:

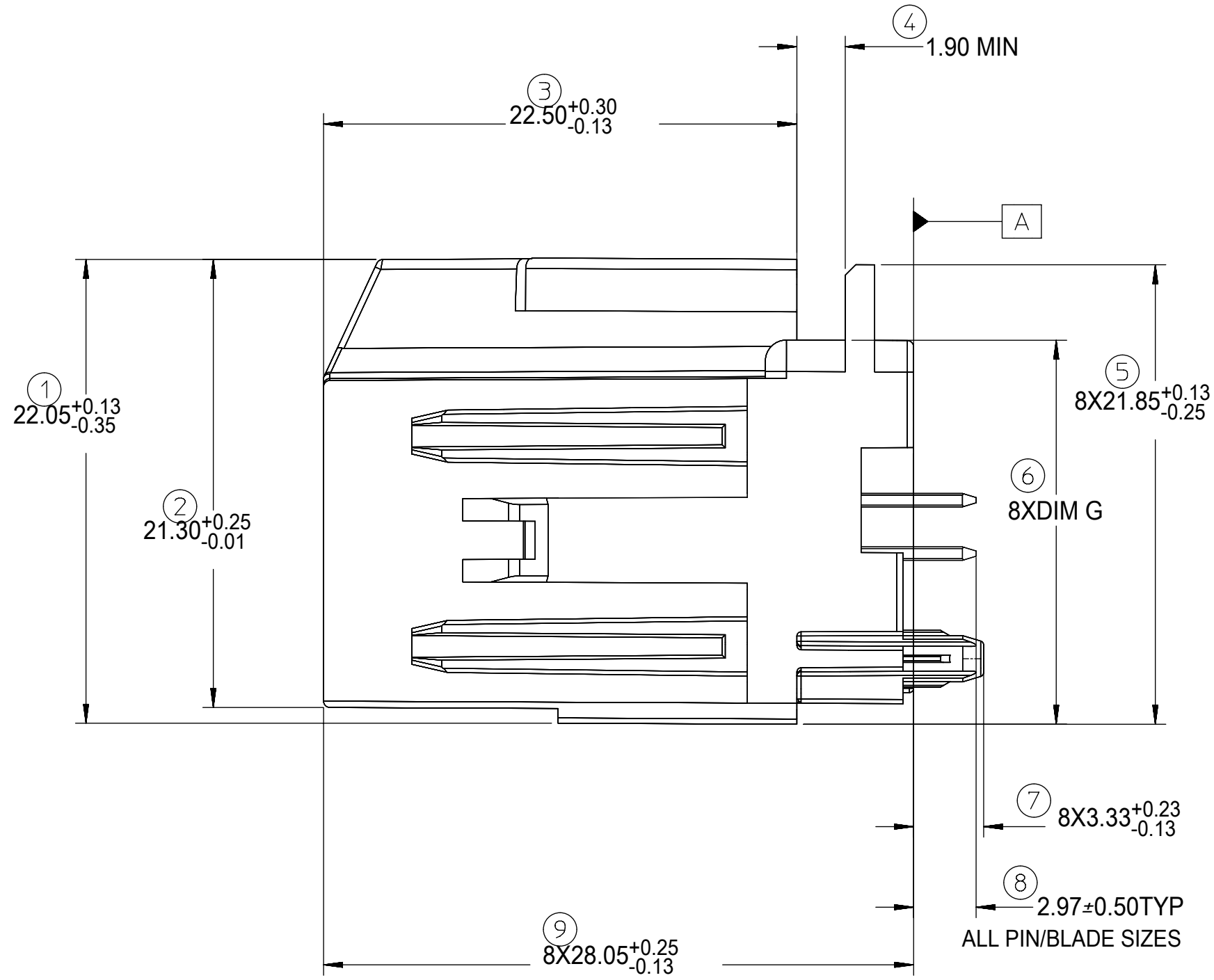
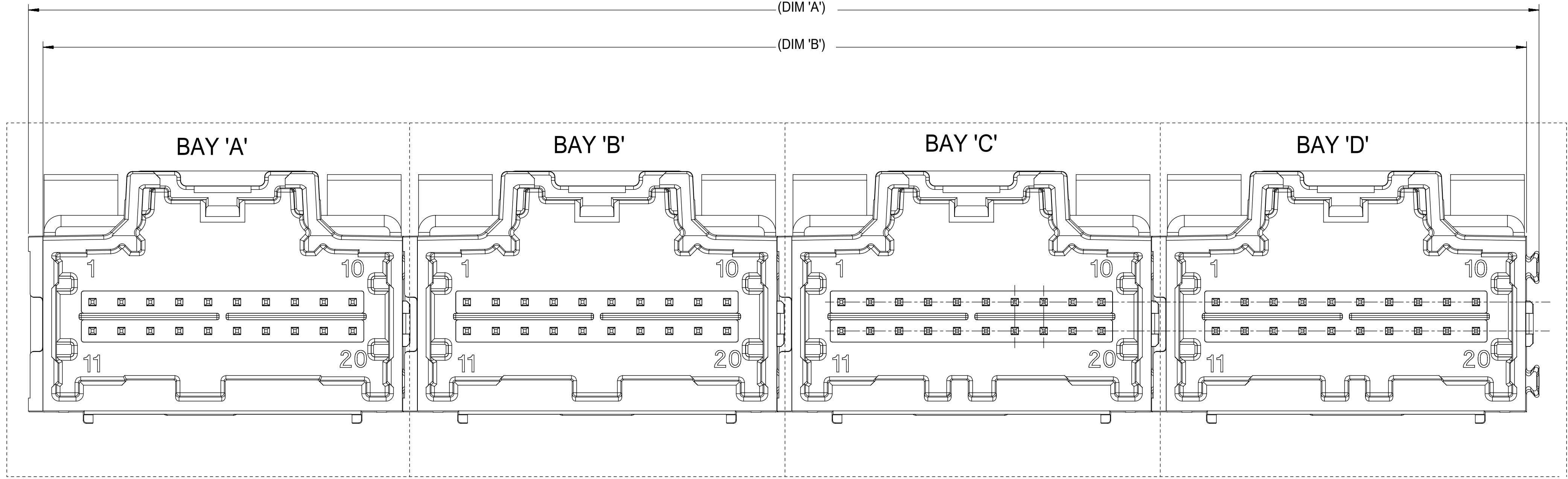
a. UNDERPLATING - OVERALL NICKEL

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

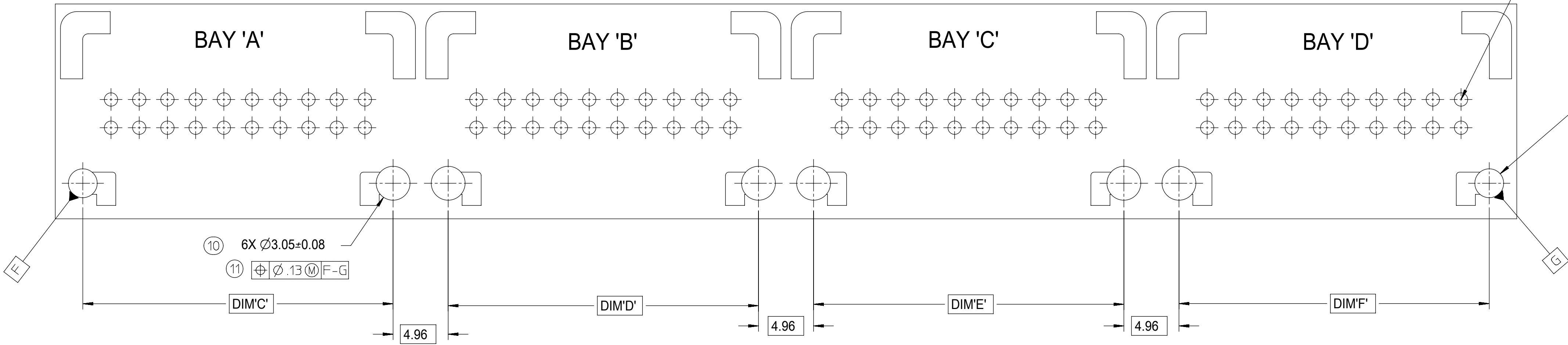
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 612618 DRWN: SHANDITHAVAL 2019/02/22 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23						4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING				
	ANGULAR TOL		± 3.0 °												
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.13												
	1 PLACE		± 0.25		INITIAL REVISION: DRWN: VDANIELE 2008/11/14 APPR: SMARCEAU 2008/11/14			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION		
	0 PLACES		±					SD-34707-400			PSD	001	D9		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						D-SIZE		34707		SEE TABLE		GENERAL MARKET		1 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23	23:32:59
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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

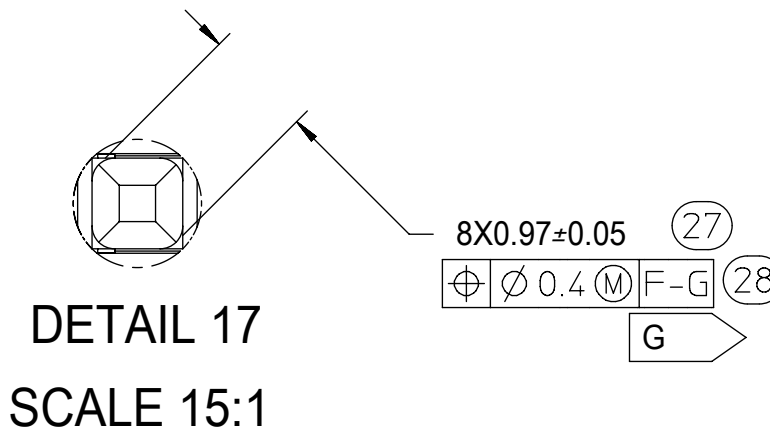
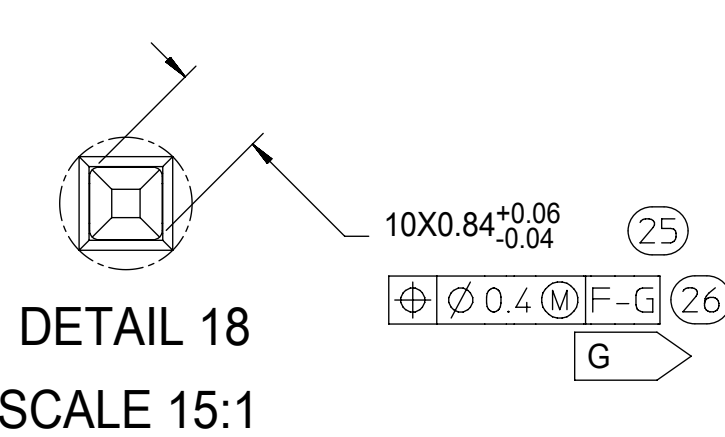
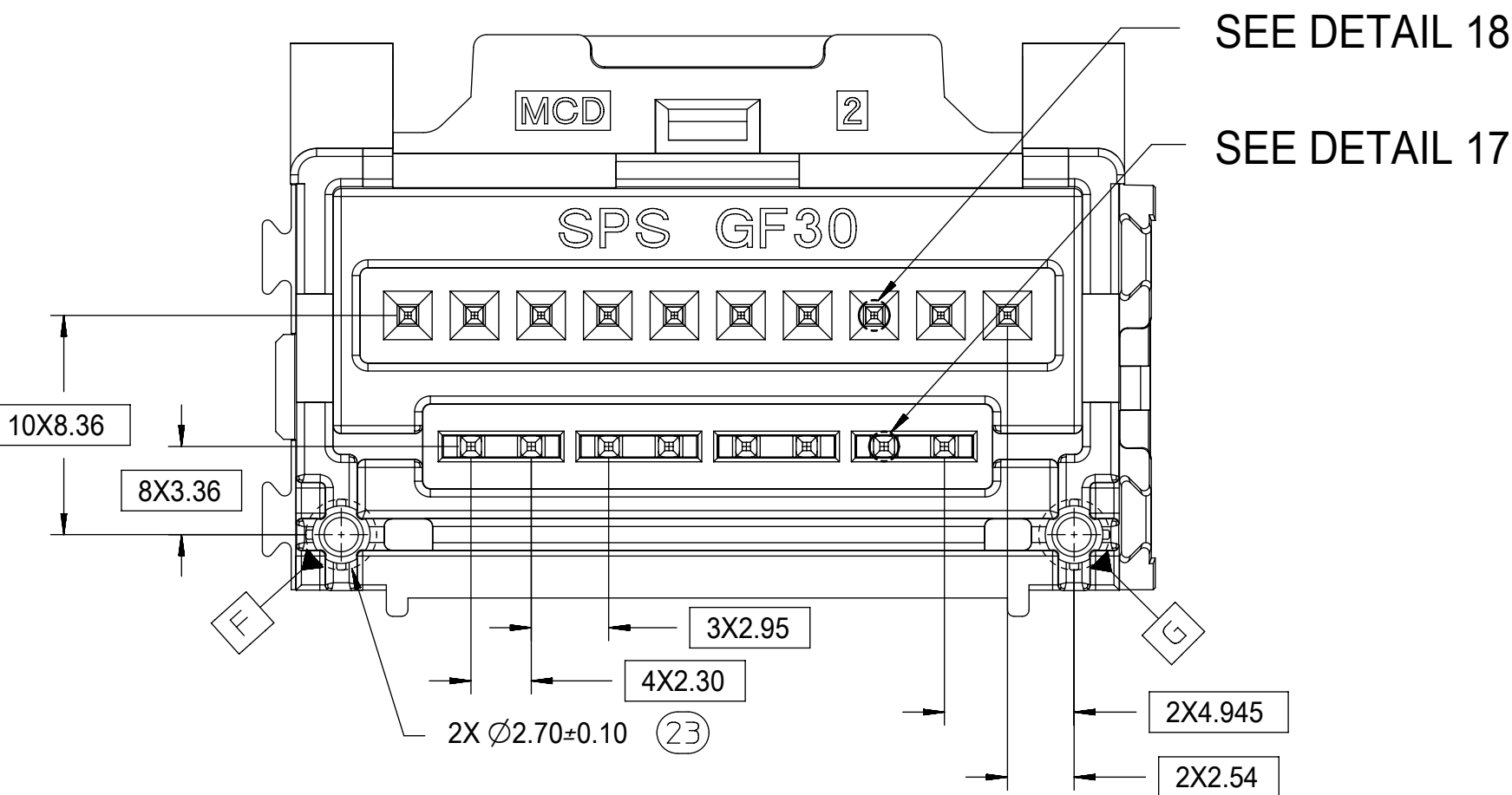
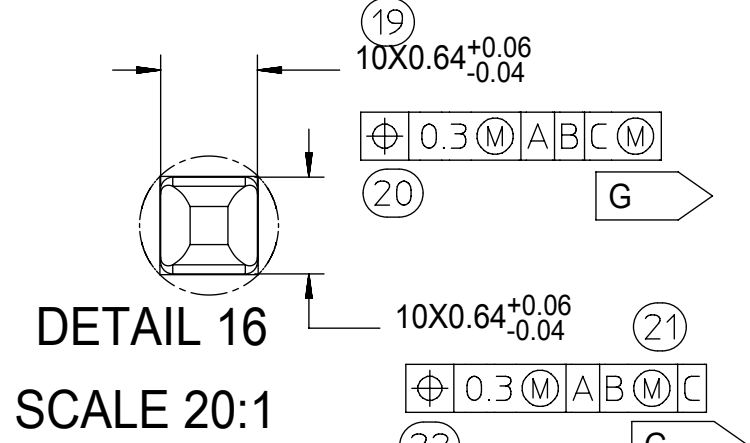
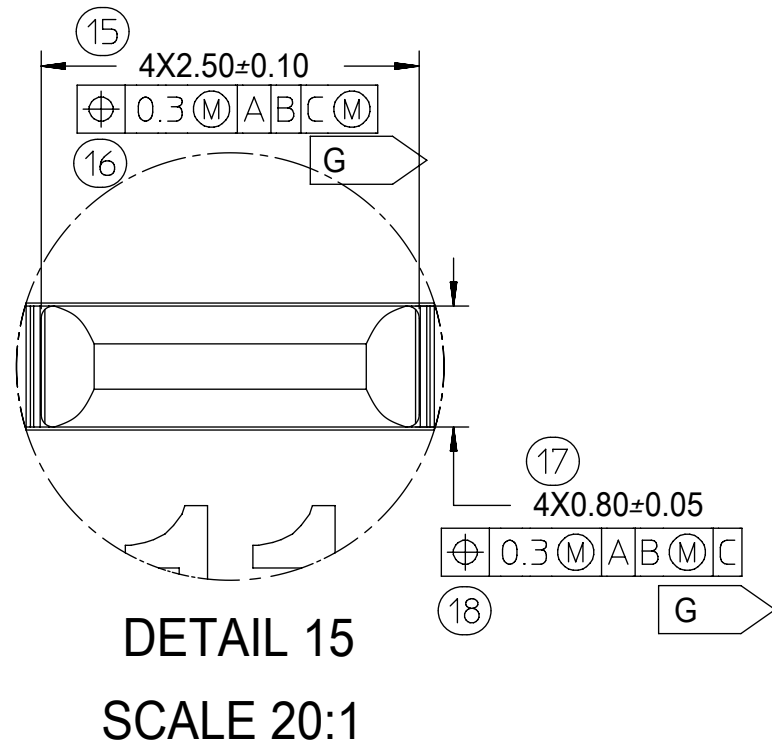
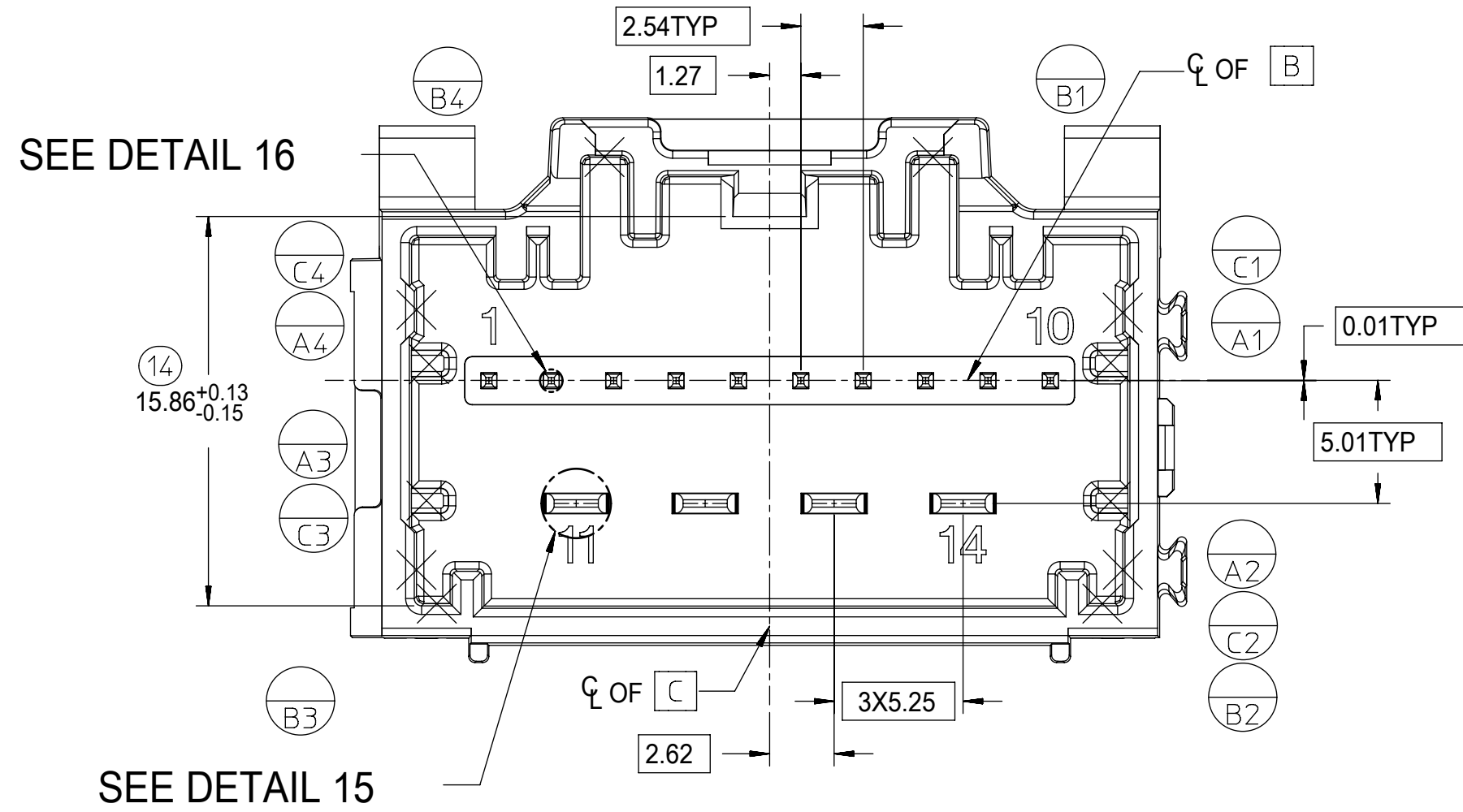
POST HOLE TABLE	
FOR DIM Z:	
PRESS FIT	2.60
DROP IN	3.05

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:			
	= 0	mm		4:1		EC NO: 612618 DRWN: SHANDITHAVAL2019/02/22 CHK'D: RBAUMAN2019/02/23 APPR: RBAUMAN2019/02/23 INITIAL REVISION: DRWN: VDANIELE2008/11/14 APPR: SMARCEAU2008/11/14			
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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		DRAWING		SERIES	
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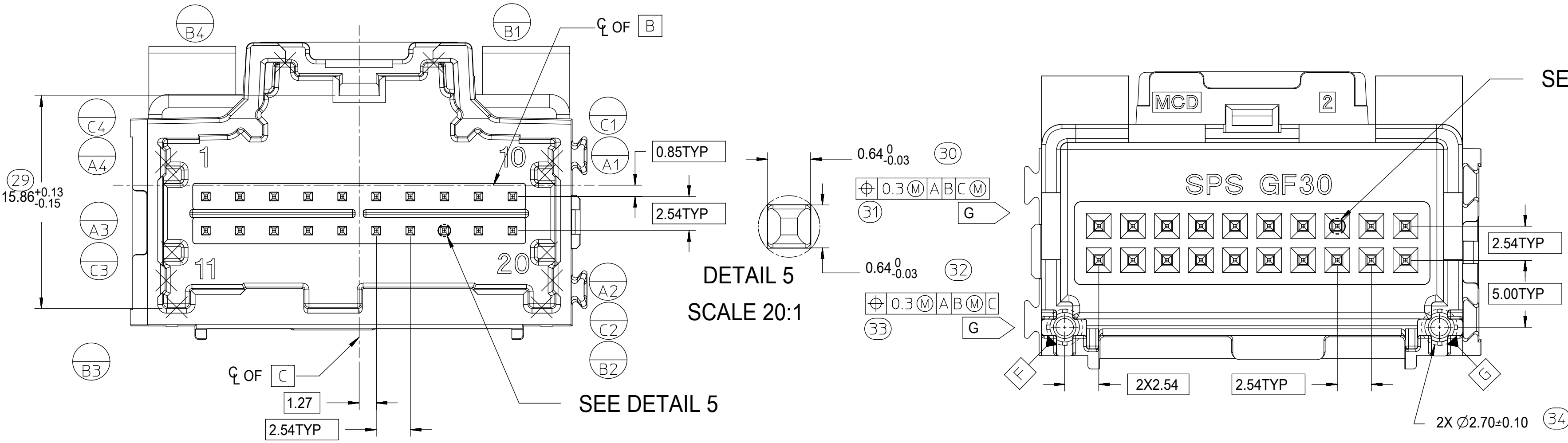
molex				
4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING				
PRODUCT CUSTOMER DRAWING				
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-34707-400		PSD	001	D9
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
SEE TABLE		GENERAL MARKET		2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23	23:32:59
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14CKT STAC HYBRID HEADER DETAILS



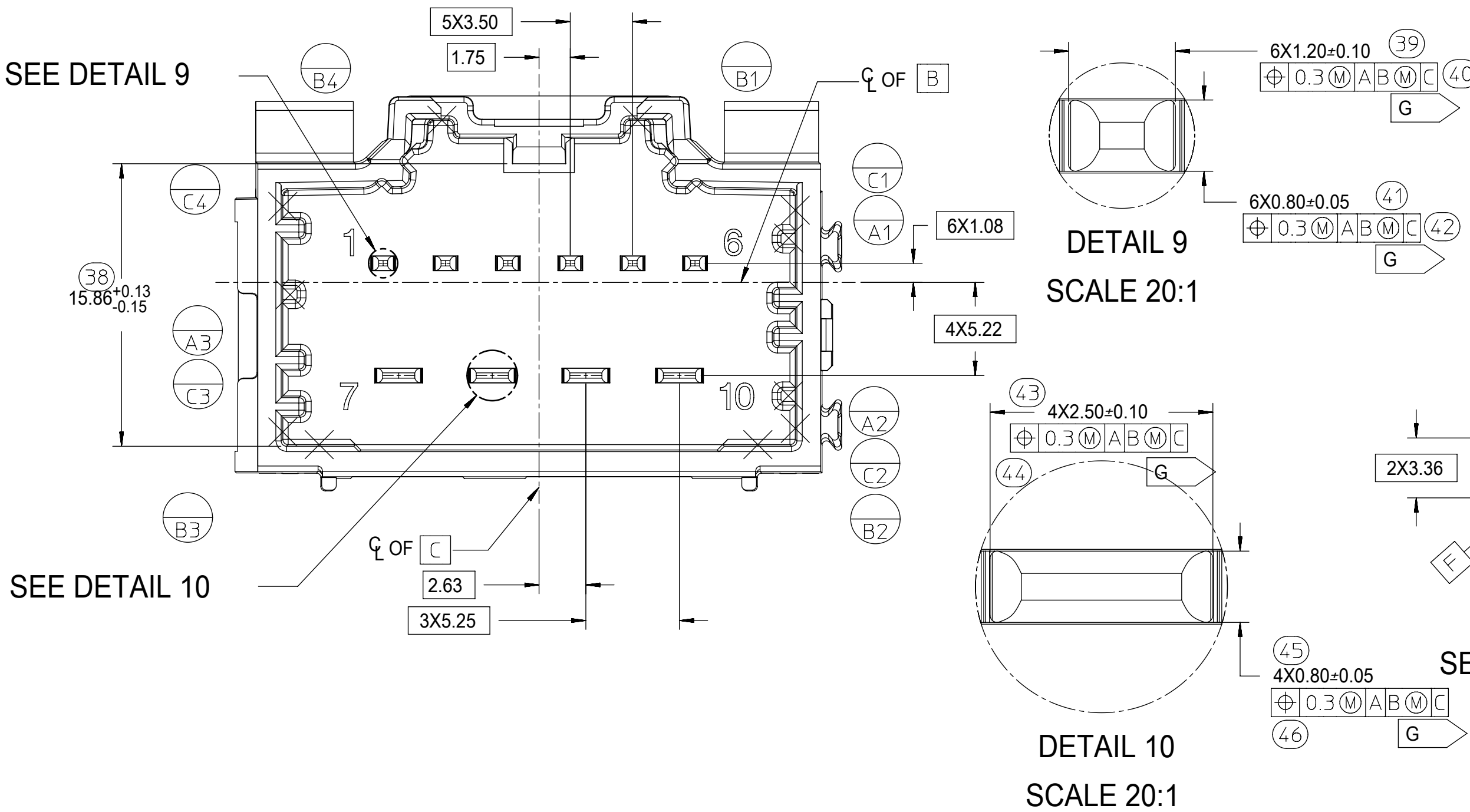
8-20CKT STAC 0.64mm HEADER DETAILS



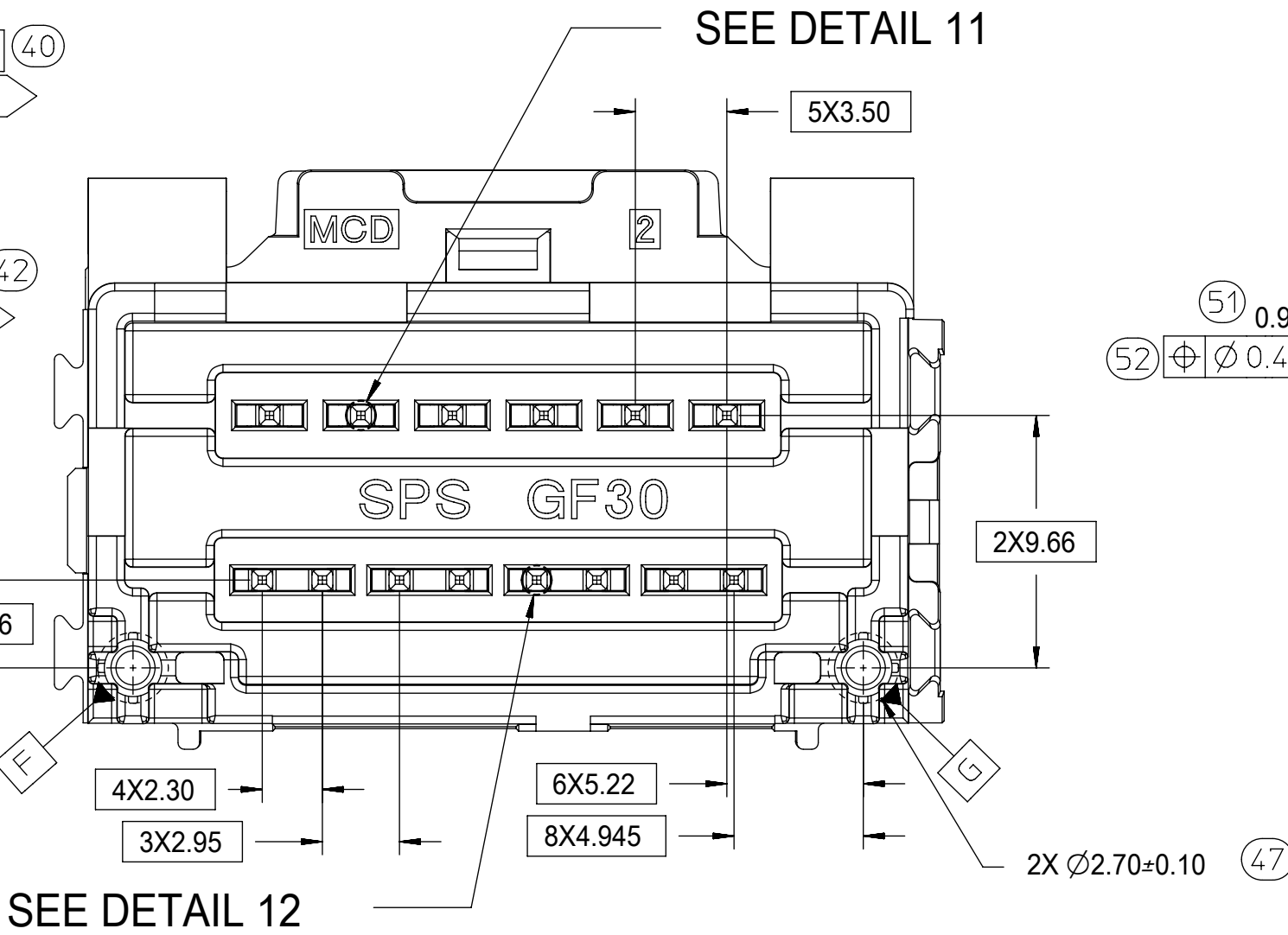
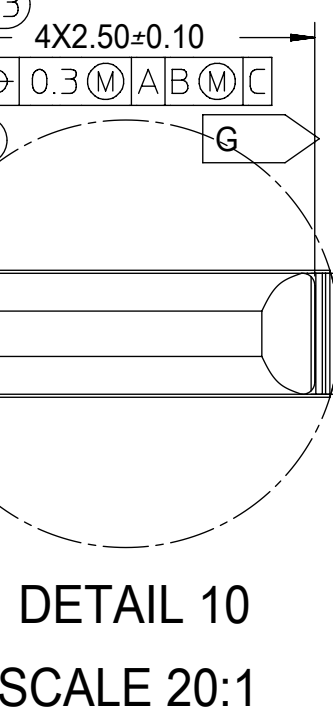
DETAIL 5
SCALE 20:1

DETAIL 6
SCALE 15:1

10CKT STAC HYBRID HEADER DETAILS



DETAIL 9
SCALE 20:1



DETAIL 11
SCALE 15:1

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											
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
	= 0	mm		4:1									
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 612618 DRWN: SHANDITHAVAL 2019/02/22 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23				4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING			
	= 0	ANGULAR TOL ± 3.0 °											
	= 0	4 PLACES		±		INITIAL REVISION: DRWN: VDANIELE 2008/11/14 APPR: SMARCEAU 2008/11/14				PRODUCT CUSTOMER DRAWING			
	= 0	3 PLACES		±									
	= 0	2 PLACES		± 0.13		DOCUMENT NUMBER SD-34707-400				DOC TYPE	DOC PART	REVISION	
	= 0	1 PLACE		± 0.25						PSD	001	D9	
	= 0	0 PLACES		±		MATERIAL NUMBER SEE TABLE				CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 4	
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
	= 0	THIRD ANGLE PROJECTION		DRAWING		SERIES							
	= 0					D-SIZE		34707					

molex

4-BAY STAC64 VERTICAL
HEADER ASSEMBLY SALES DRAWING

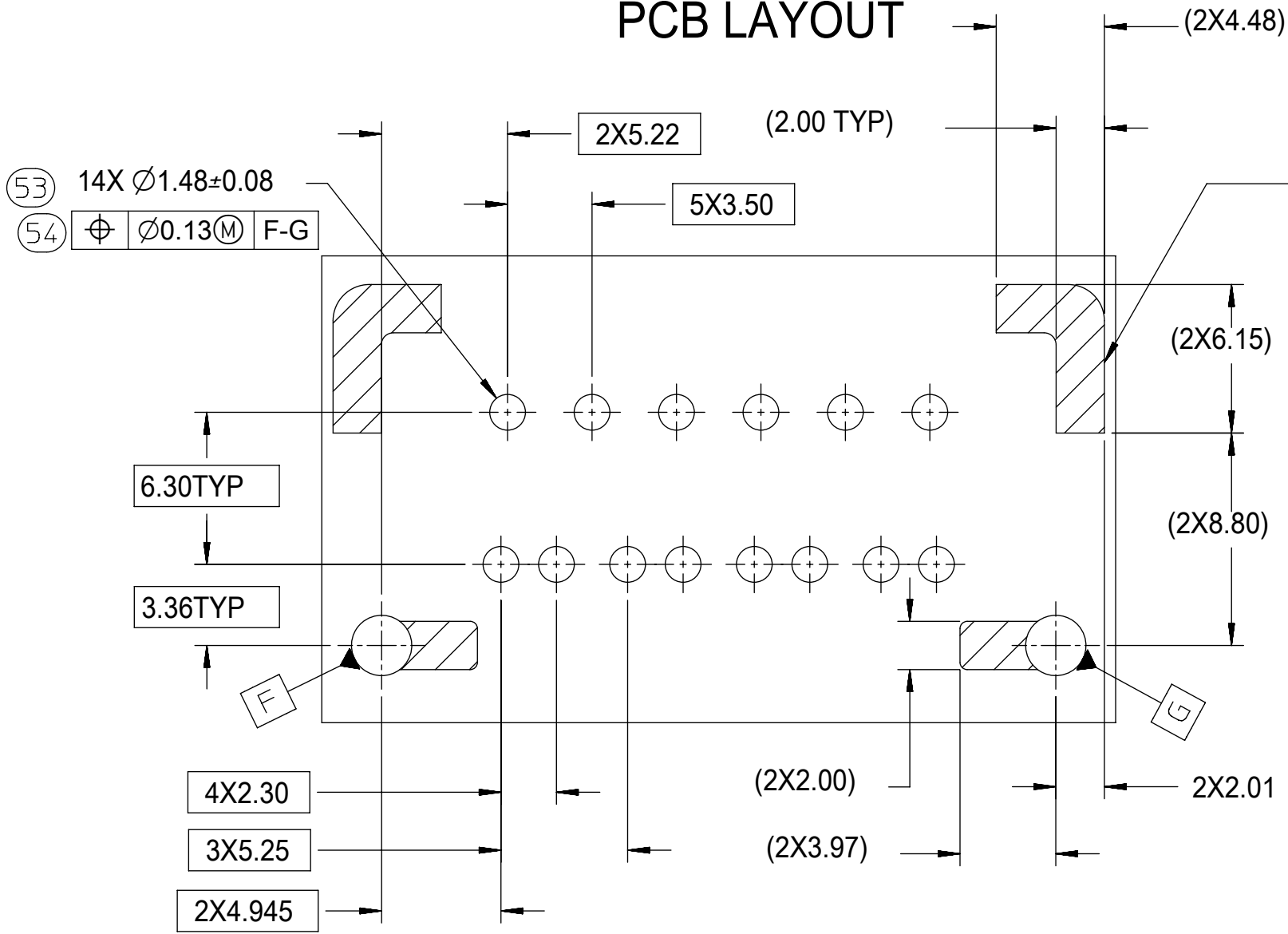
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-400	PSD	001	D9

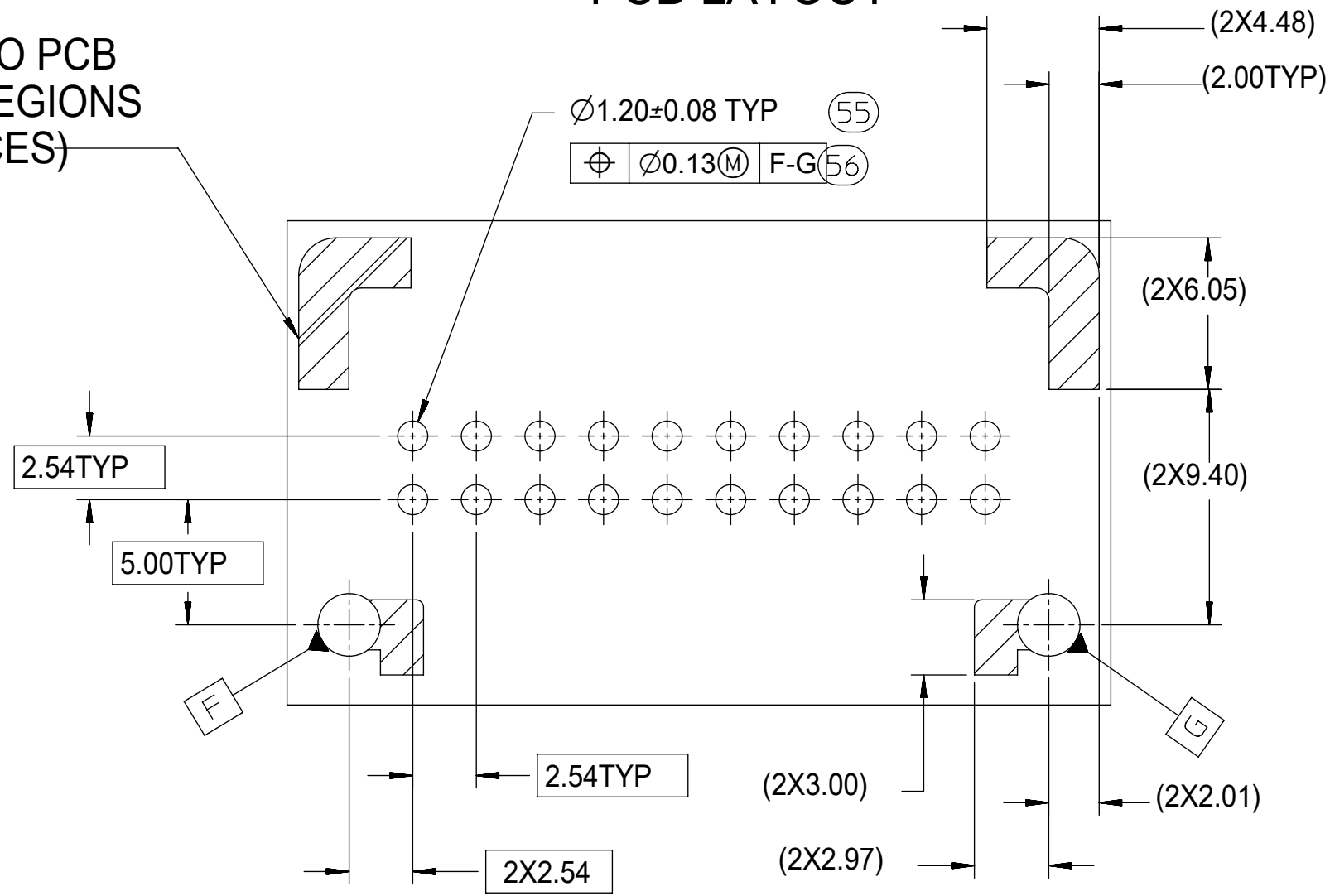
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23	23:32:59
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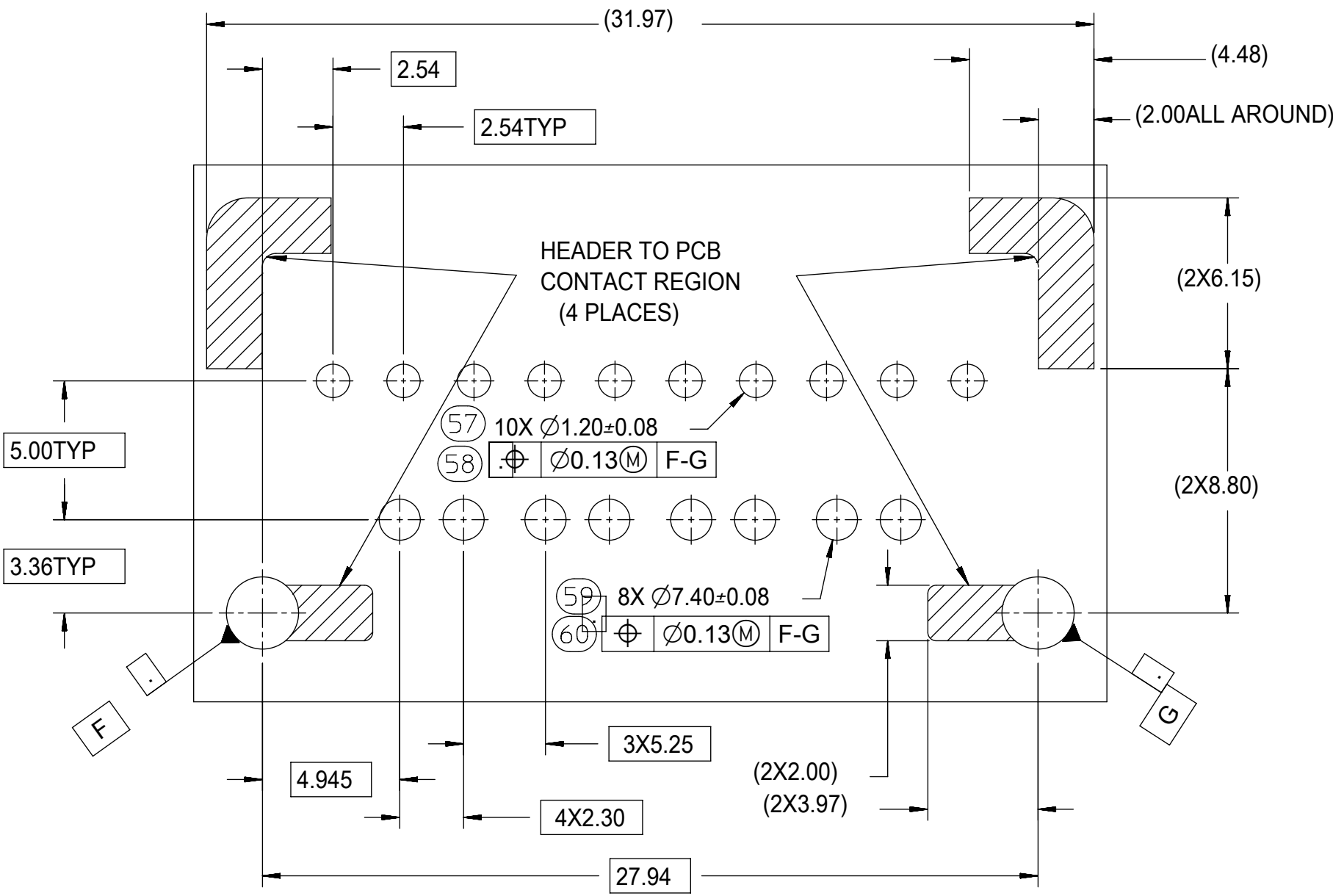
10 CKT HYBRID TEMPLATE
PCB LAYOUT



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									
= 0										mm									
= 0										4:1									
= 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										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
= 0										THIRD ANGLE PROJECTION									
= 0										D-SIZE									
= 0										SERIES									
= 0										34707									
= 0										MATERIAL NUMBER									
= 0										SEE TABLE									
= 0										CUSTOMER									
= 0										GENERAL MARKET									
= 0										SHEET NUMBER									
= 0										4 OF 4									

molex

4-BAY STAC64 VERTICAL
HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-400	PSD	001	D9

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	4 OF 4

CURRENT REV DESC:

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

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
34707

MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

SEE TABLE
GENERAL MARKET
4 OF 4

THIRD ANGLE PROJECTION
D-SIZE
SERIES
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