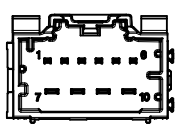
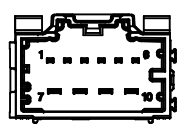


OPTION 'A'

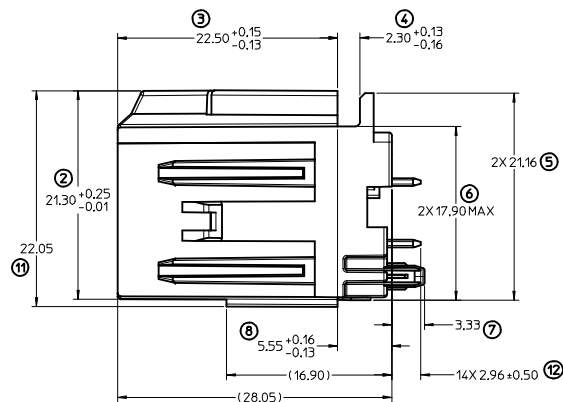
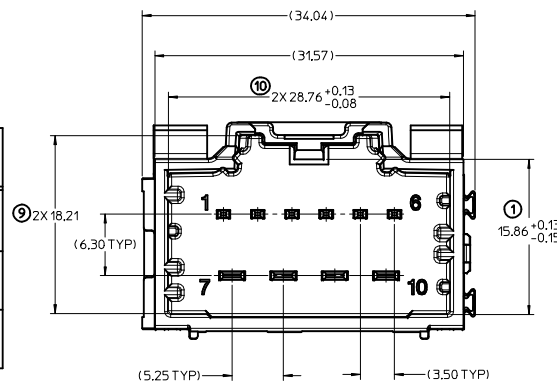


OPTION 'B'

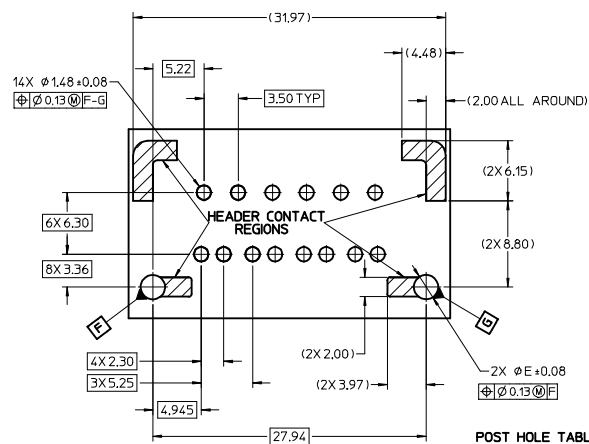


OPTION 'C'

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 = AS-34690-000

SEE PRODUCT SPECIFICATION = PS-31372-100

MATES WITH: SD-31372-900

c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-892

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GFb. 1.50mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED2.80mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

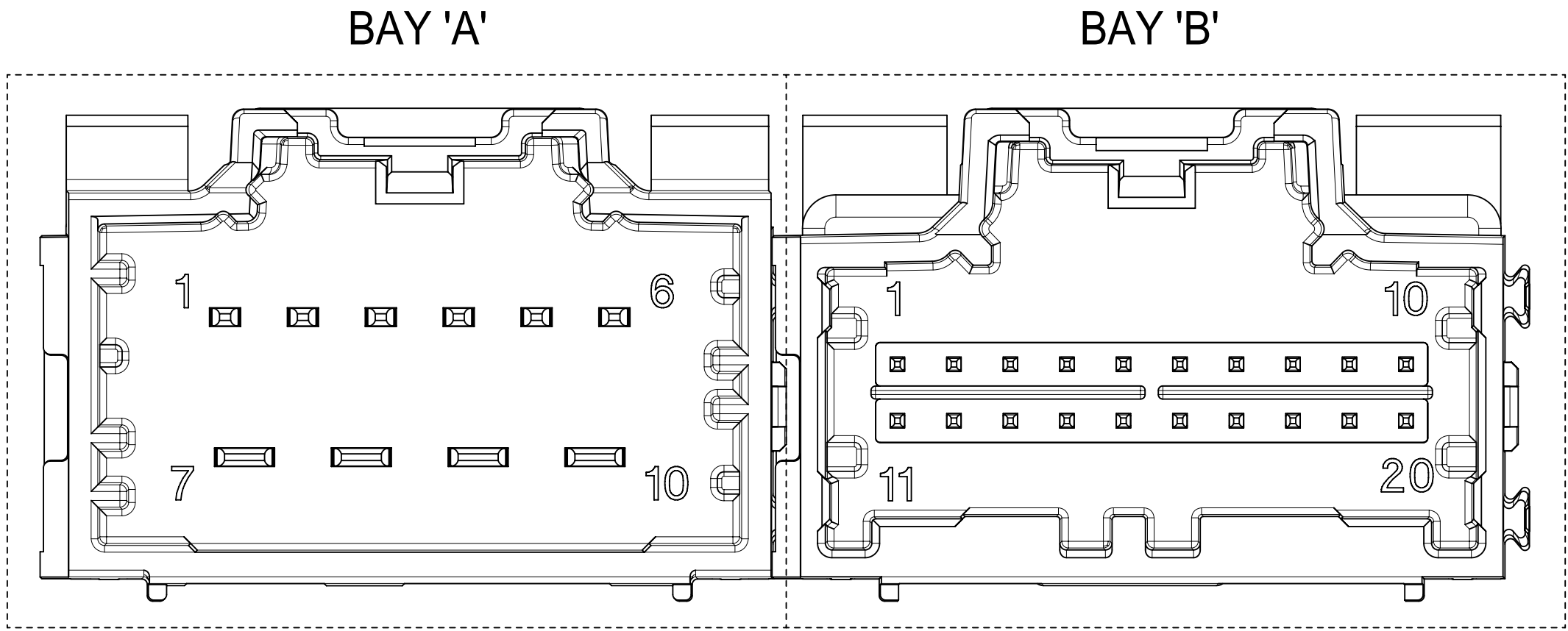
b. OVERPLATING - OVERALL TIN

UPDATED DIMENSIONS EC NO: UAU2013-1619 DRAWN: FISCHER01 2013/04/15 CHKD: CHKD: APPR: RBAUMAN 2013/04/16 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY MBAILEY	DATE 10/02/06	TITLED STAC64 SINGLE BAY VERT 10 CKT. HEADER ASSEMBLY SALES DRAWING	MOLEX INCORPORATED	
		4 PLACES ± ---	± ---	CHECKED BY CDILLON	DATE 04/18/07			
		3 PLACES ± ---	± ---	APPROVED BY	DATE			
		2 PLACES ± 0.13	± ---					
1 PLACE ± 0.25		± ---						
ANGULAR ± 3 °				MATERIAL NO. SEE CHART		DOCUMENT NO. SD-34695-100		SHEET NO. 1 OF 1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND 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

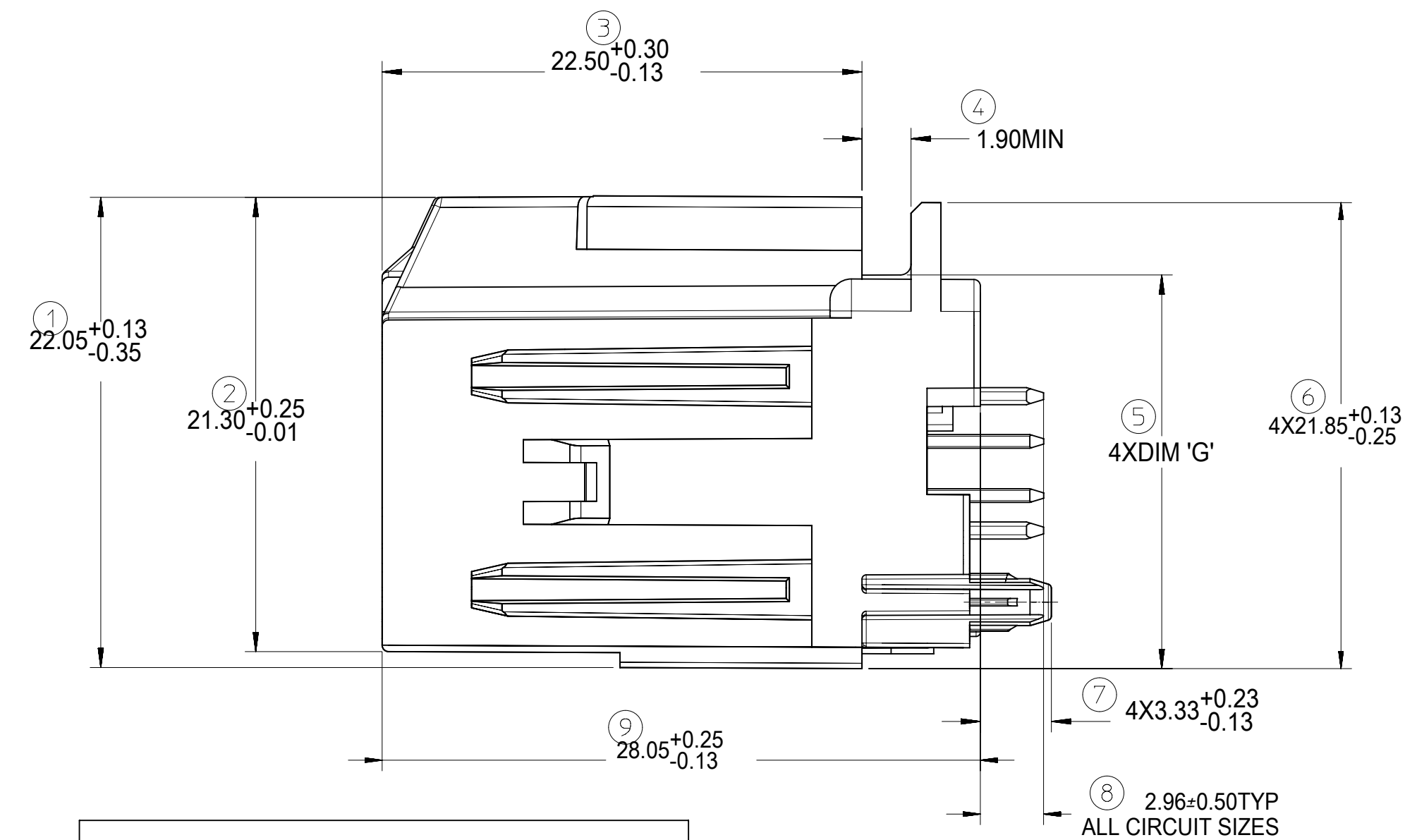
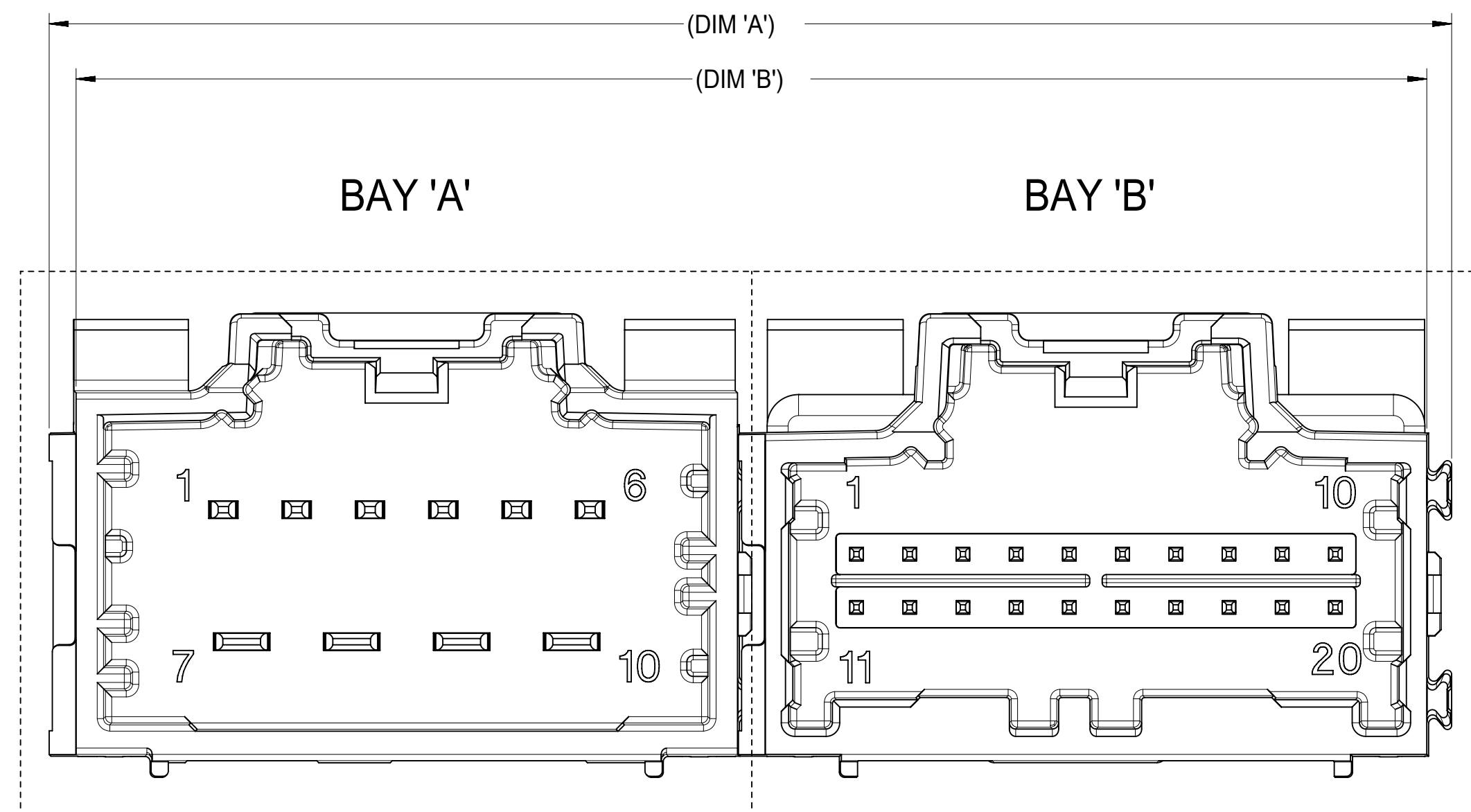
3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

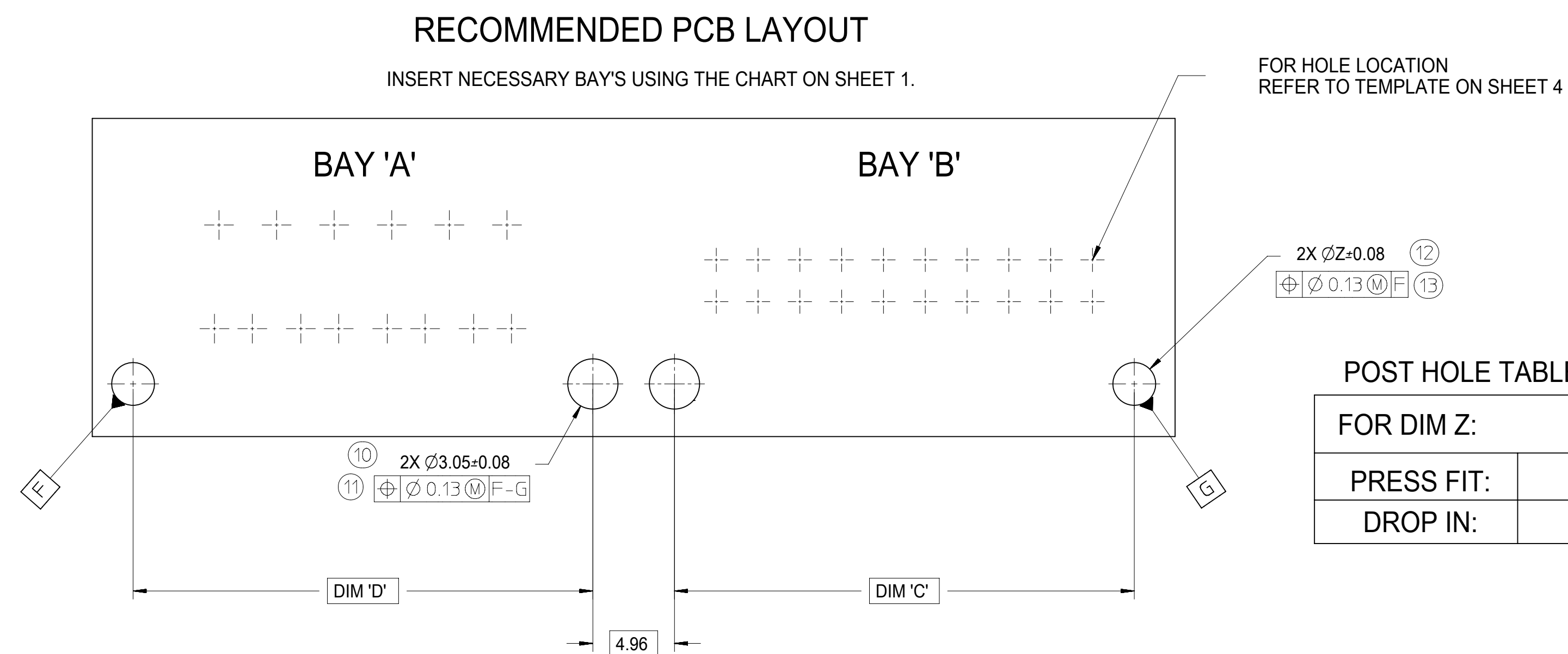
b. OVERPLATING - OVERALL TIN

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									
= 0 = 0											



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

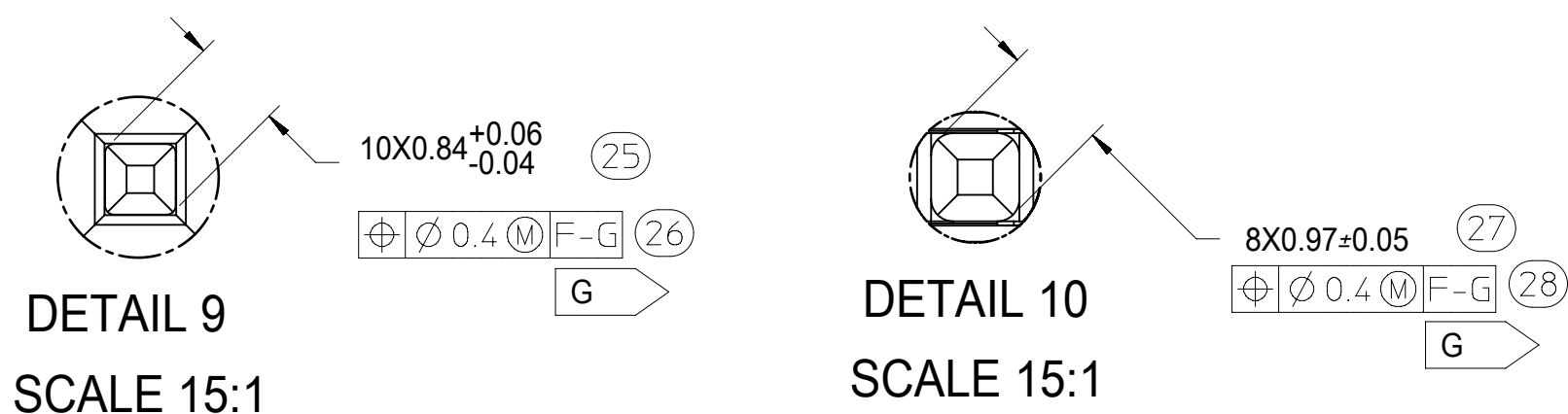
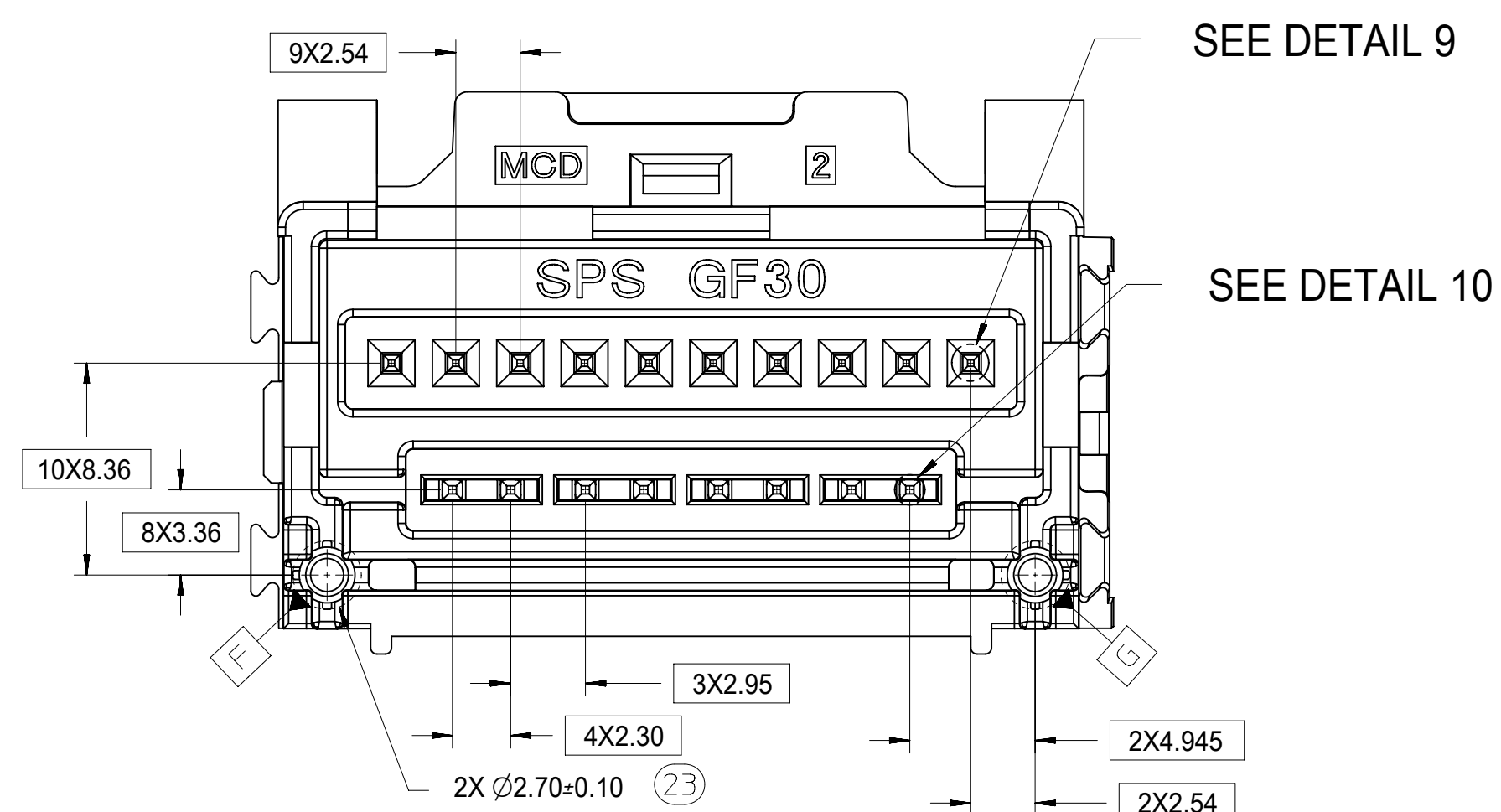
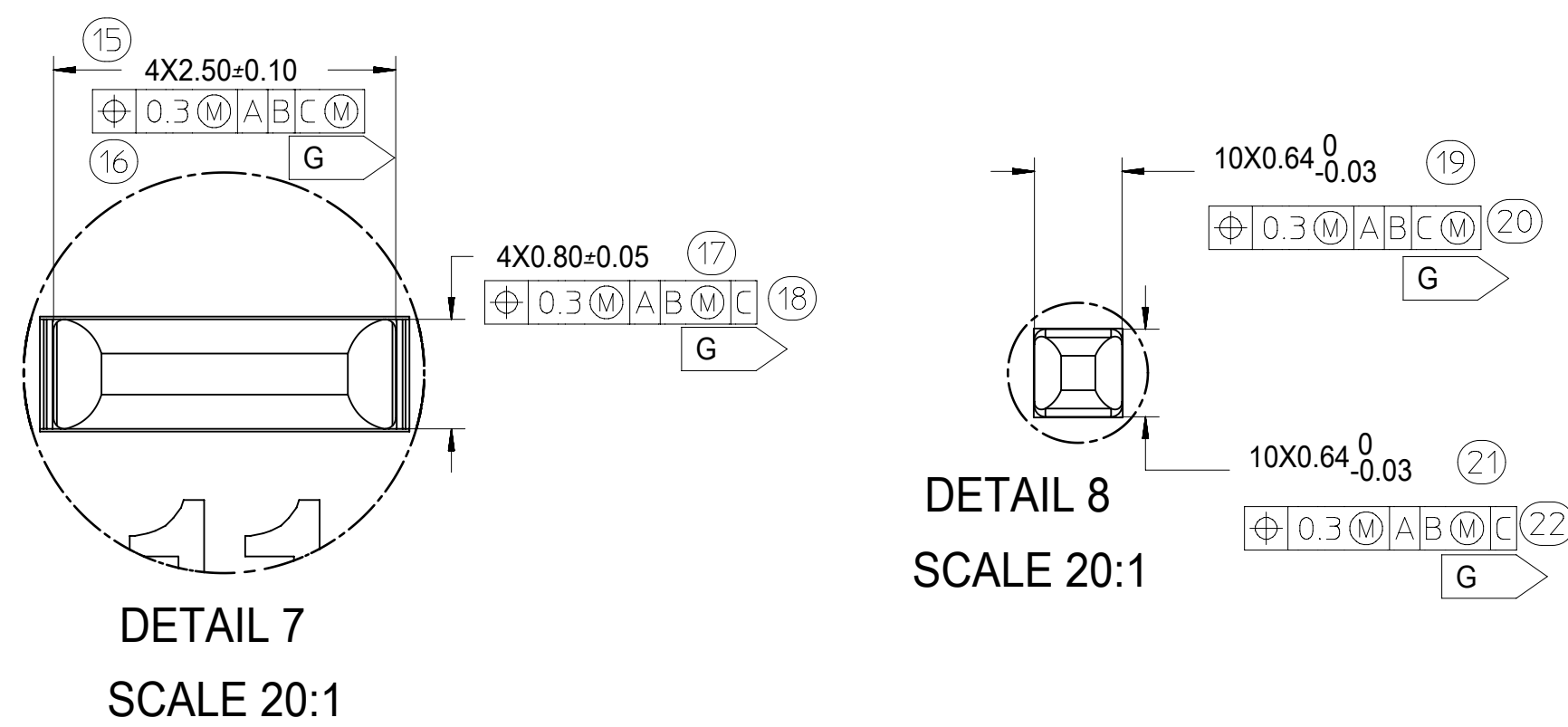
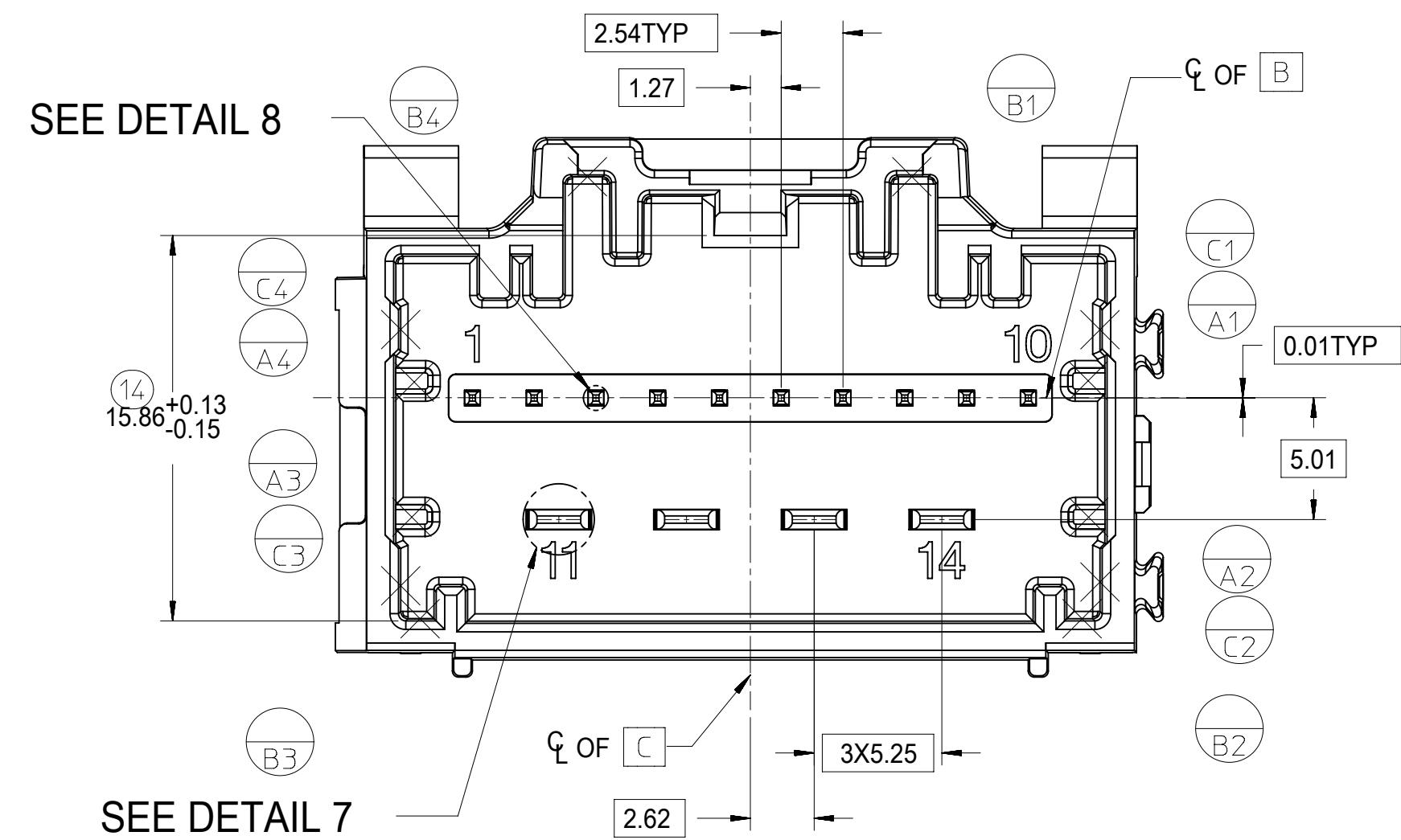


POST HOLE TABLE:	
FOR DIM Z:	
PRESS FIT:	2.60
DROP IN:	3.05

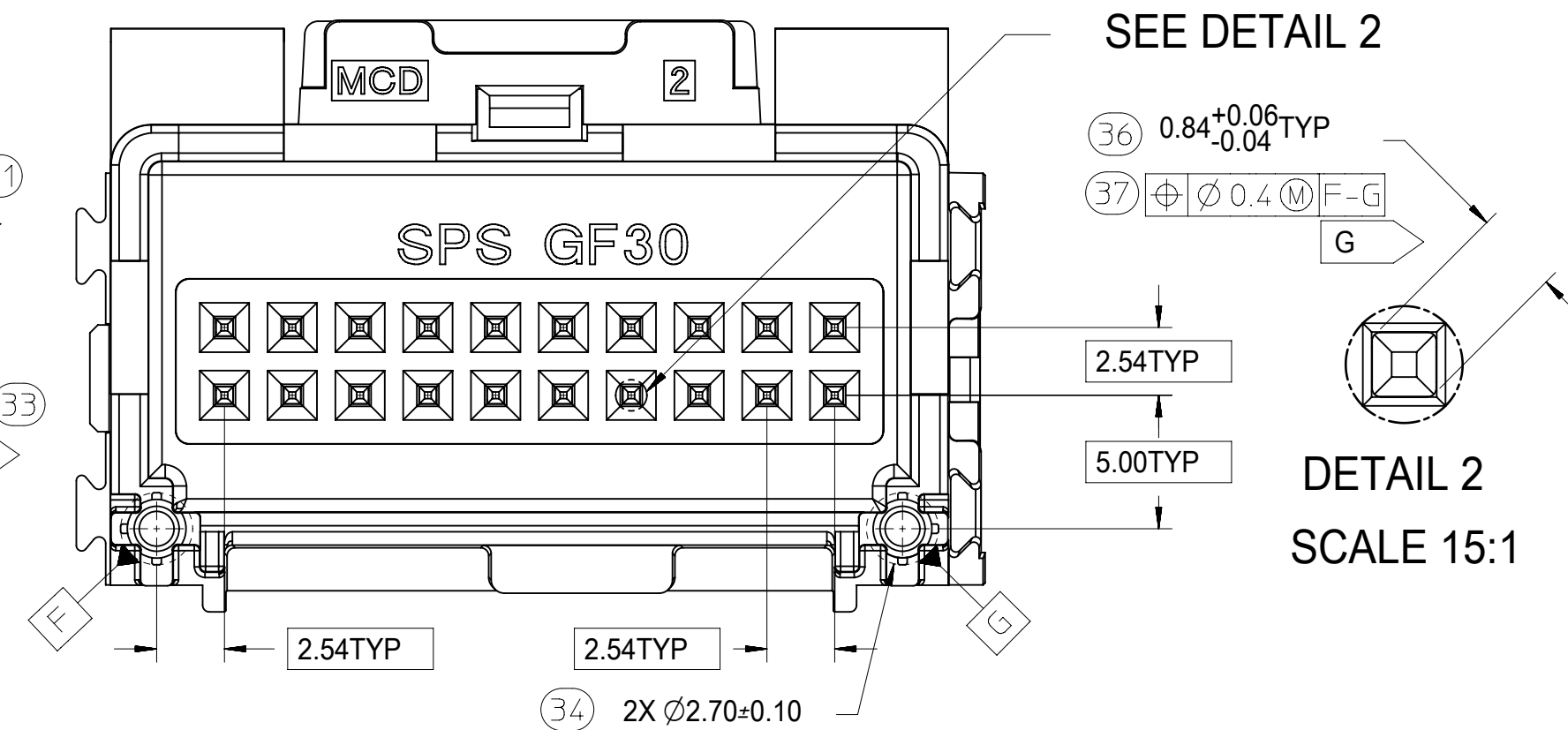
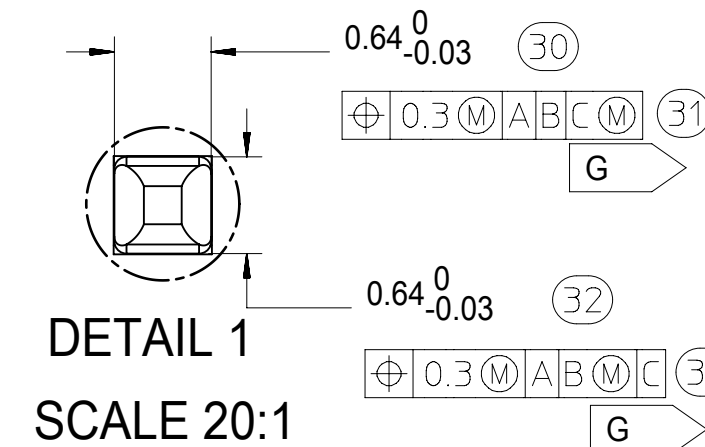
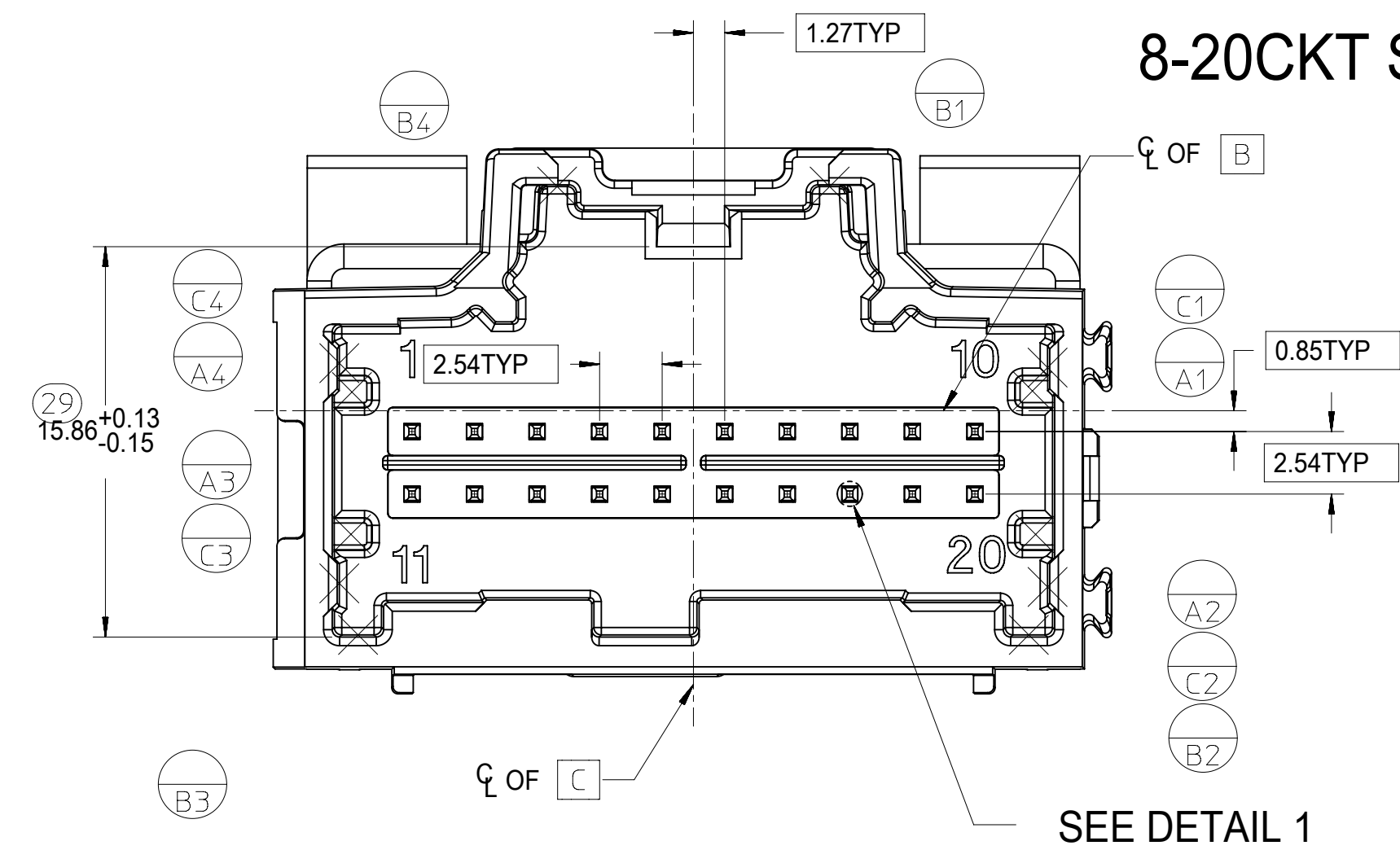
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
 = 0	DIMENSION UNITS	SCALE		CURRENT REV DESC:						molex											
		mm	4:1																		
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 3.0°		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	4 PLACES	±		INITIAL REVISION:						PRODUCT CUSTOMER DRAWING											
 = 0	3 PLACES	±																			
 = 0	2 PLACES	±	0.13	DRWN: MBAILEY 2008/08/14 APPR: SMARCEAU 2008/08/14						DOCUMENT NUMBER SD-34707-200						DOC TYPE PSD		DOC PART 001		REVISION K7	
 = 0	1 PLACE	±	0.25																		
 = 0	0 PLACES	±		THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 34707		MATERIAL NUMBER SEE TABLE				CUSTOMER GENERAL MARKET				SHEET NUMBER 2 OF 4			
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																				
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DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23	23:32:56
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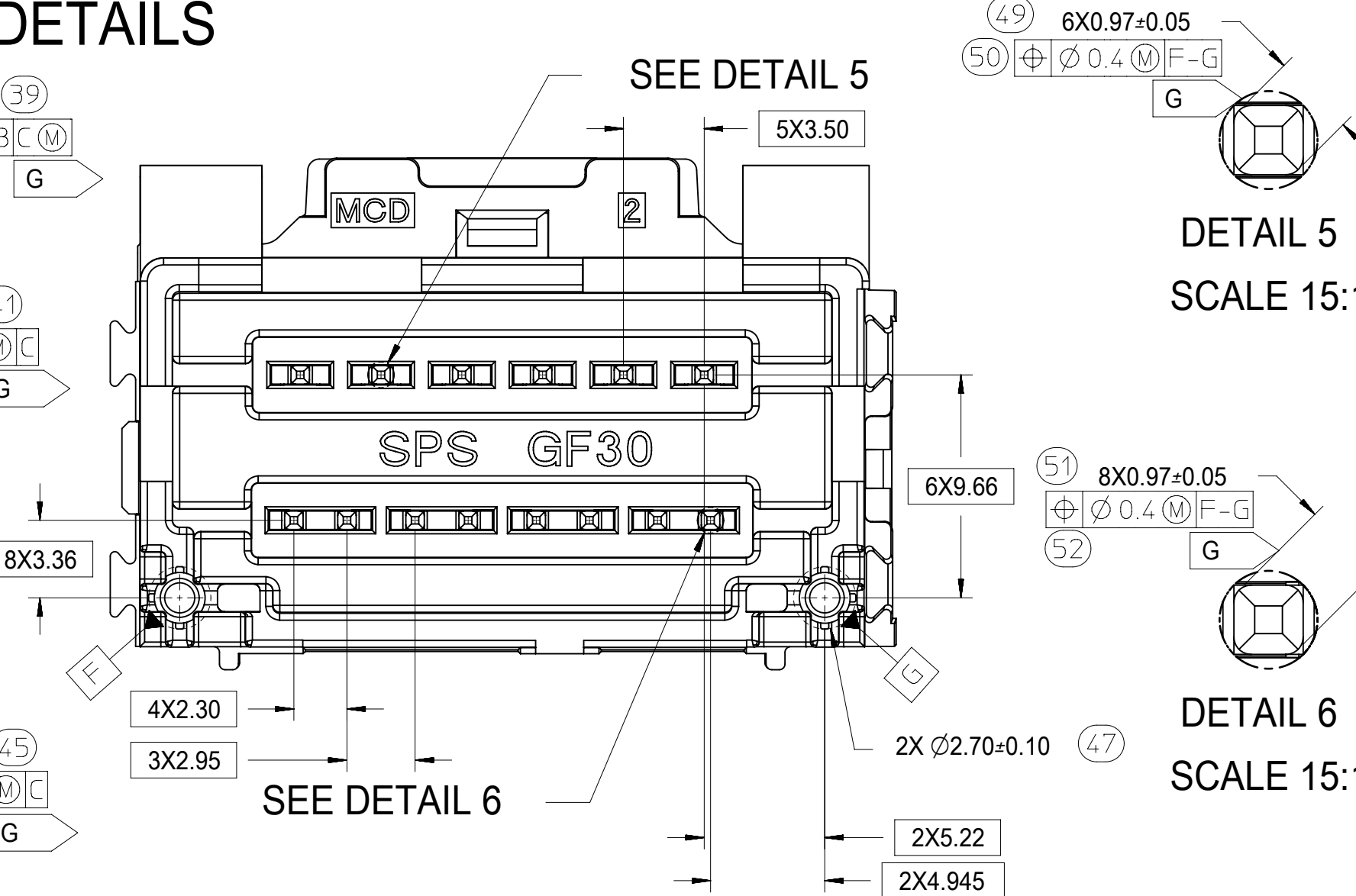
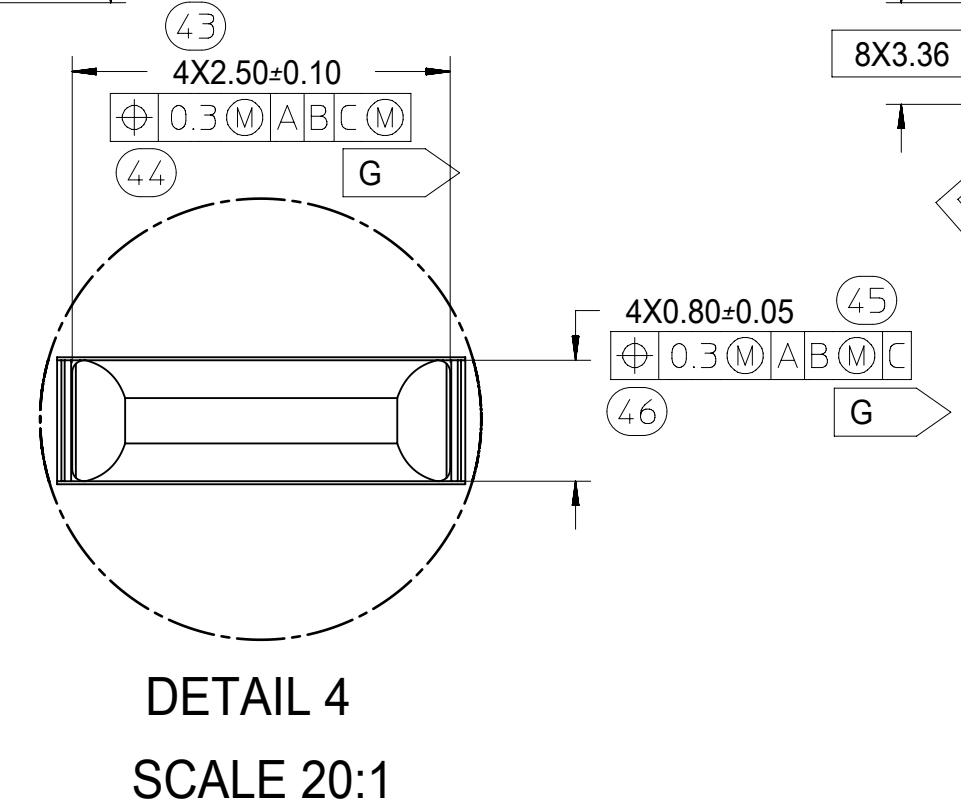
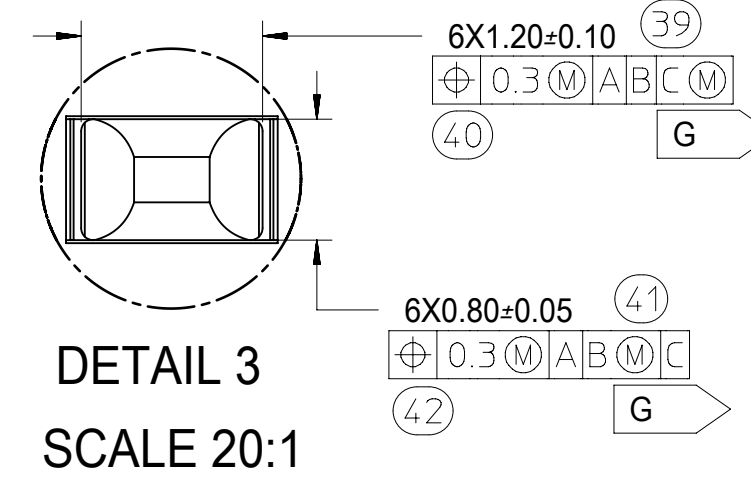
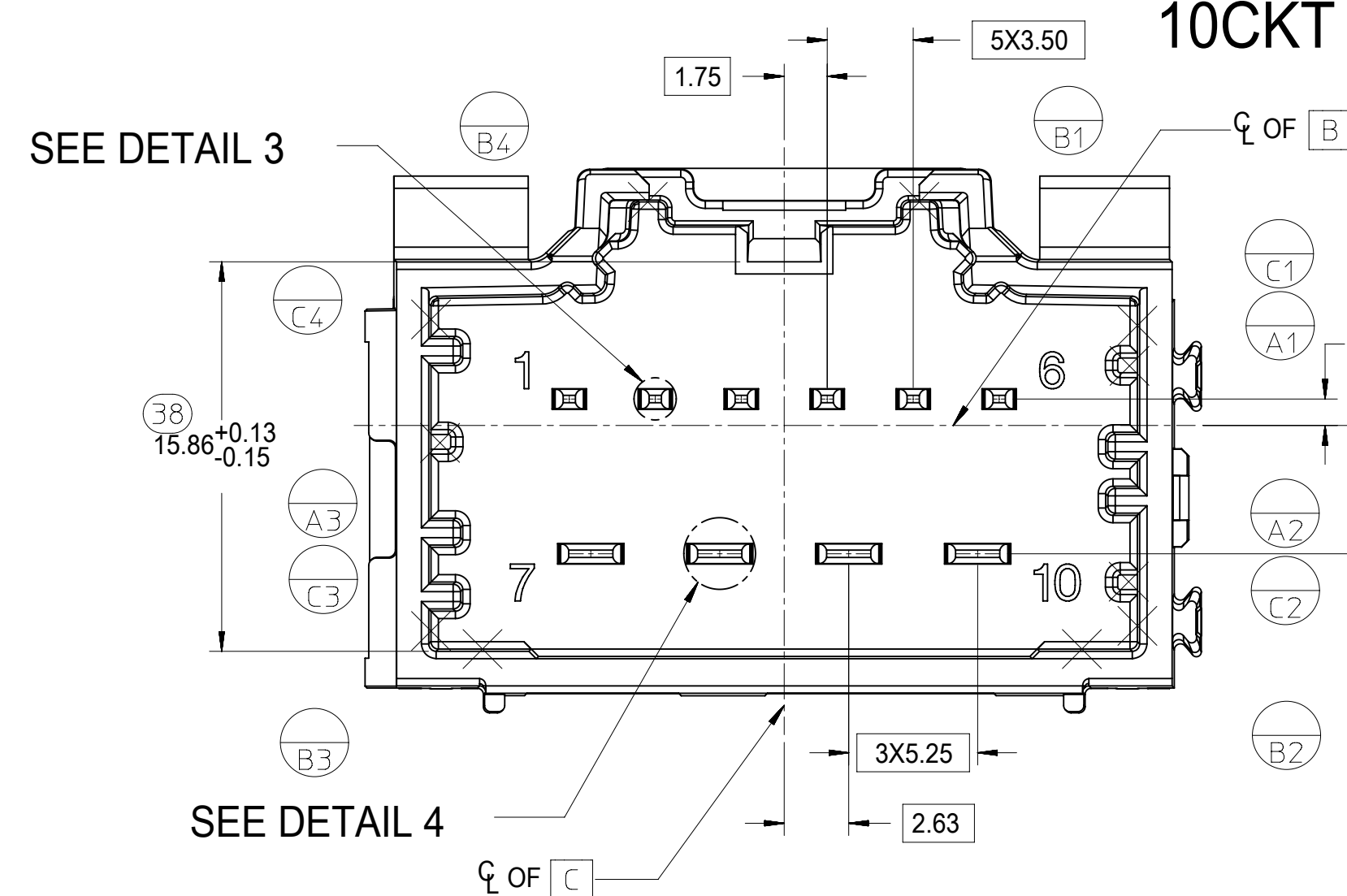
14CKT STAC HYRBID HEADER DETAILS



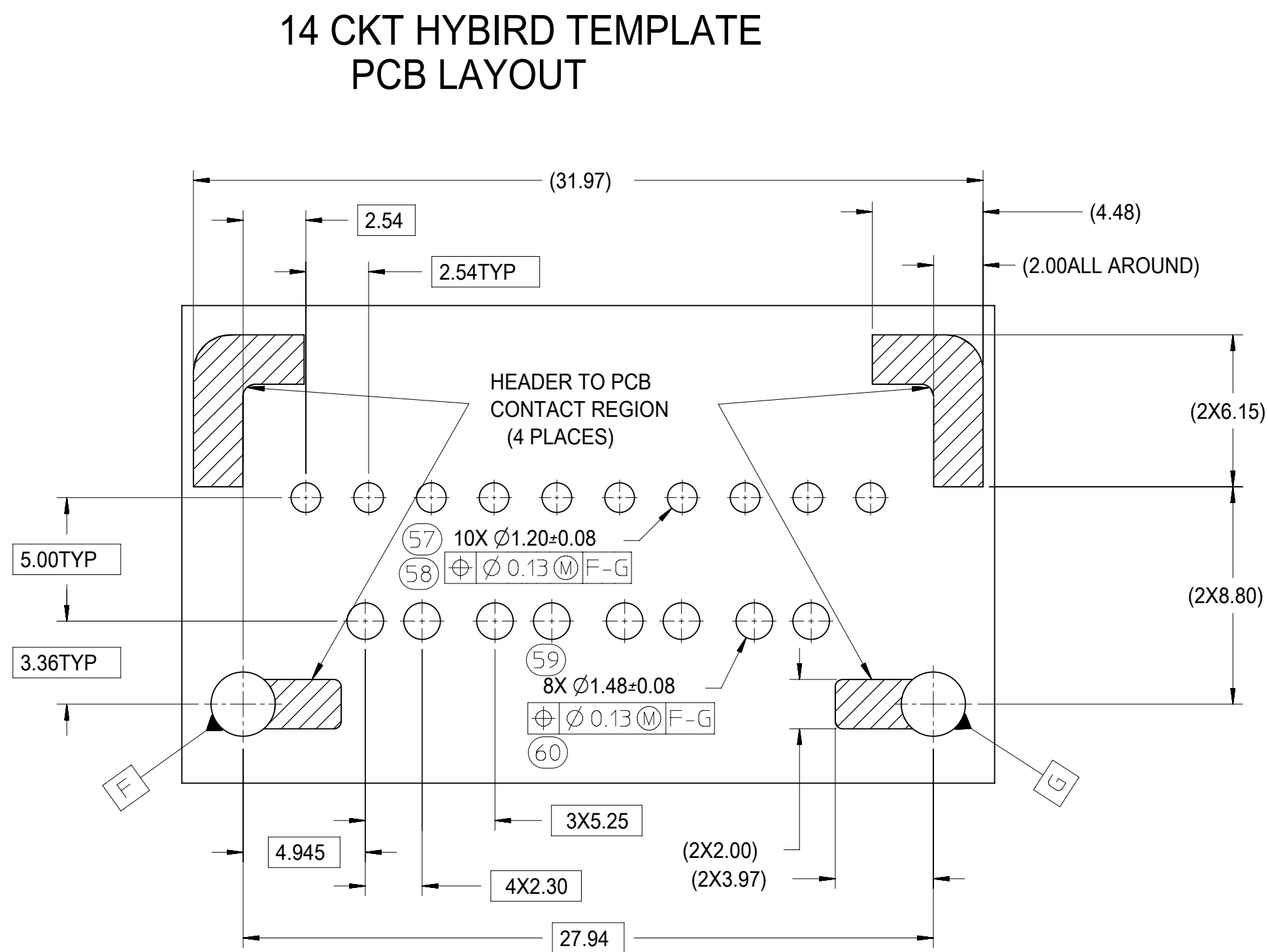
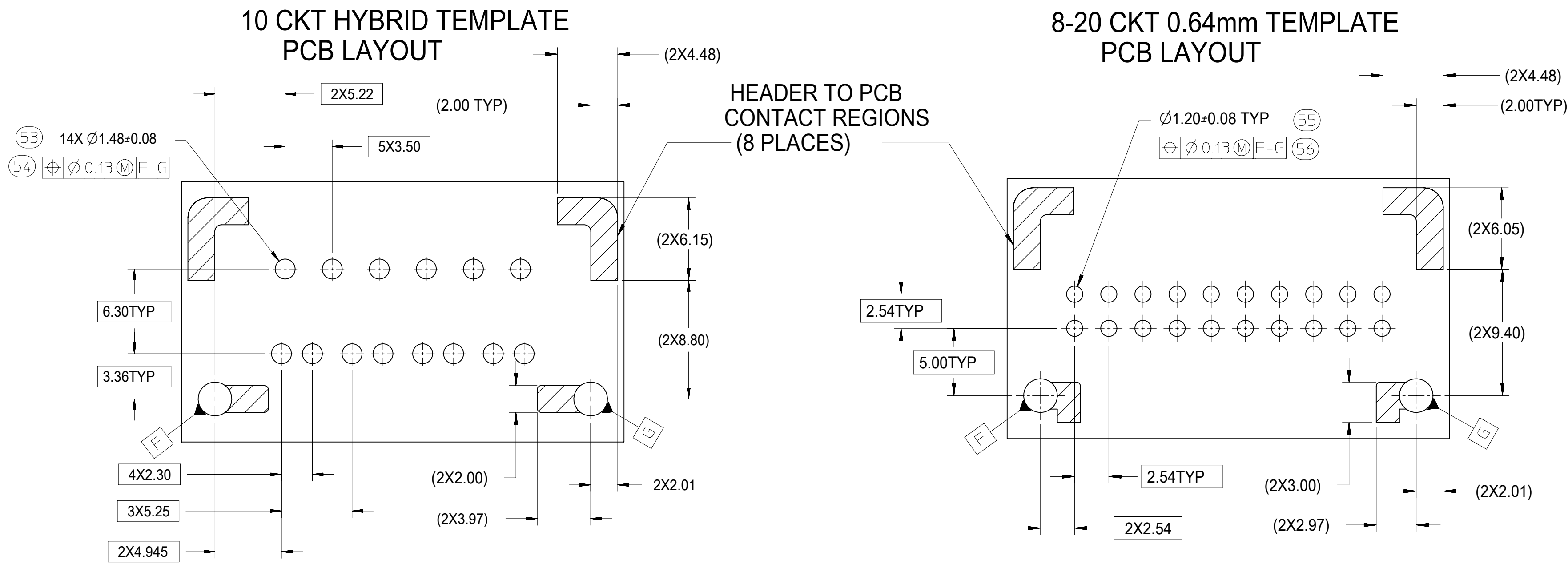
8-20CKT STAC 0.64mm HEADER DETAILS



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																			
	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								2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING							
	ANGULAR TOL ± 3.0°																			
	4 PLACES		±		INITIAL REVISION: DRWN: MBAILEY 2008/08/14 APPR: SMARCEAU 2008/08/14				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBERSD-34707-200 DOC TYPEPSD DOC PART001 REVISIONK7											
	3 PLACES		±																	
	2 PLACES		± 0.13																	
	1 PLACE		± 0.25		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	0 PLACES		±								D-SIZE		34707		SEE TABLE		GENERAL MARKET		3 OF 4	



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 2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING				
	= 0	mm	4:1																	
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)																		
	= 0	ANGULAR TOL ± 3.0°		EC NO: 612618 DRWN: SHANDITHAVAL 2019/02/22 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23												PRODUCT CUSTOMER DRAWING				
	= 0	4 PLACES	±																	
	= 0	3 PLACES	±	INITIAL REVISION: DRWN: MBAILEY 2008/08/14 APPR: SMARCEAU 2008/08/14												DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	= 0	2 PLACES	± 0.13													SD-34707-200		PSD	001	K7
	= 0	1 PLACE	± 0.25	THIRD ANGLE PROJECTION												MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
	= 0	0 PLACES	±													SEE TABLE		GENERAL MARKET		4 OF 4
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				D-SIZE	SERIES	34707												

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 C - BROWN
POL D - GREEN

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

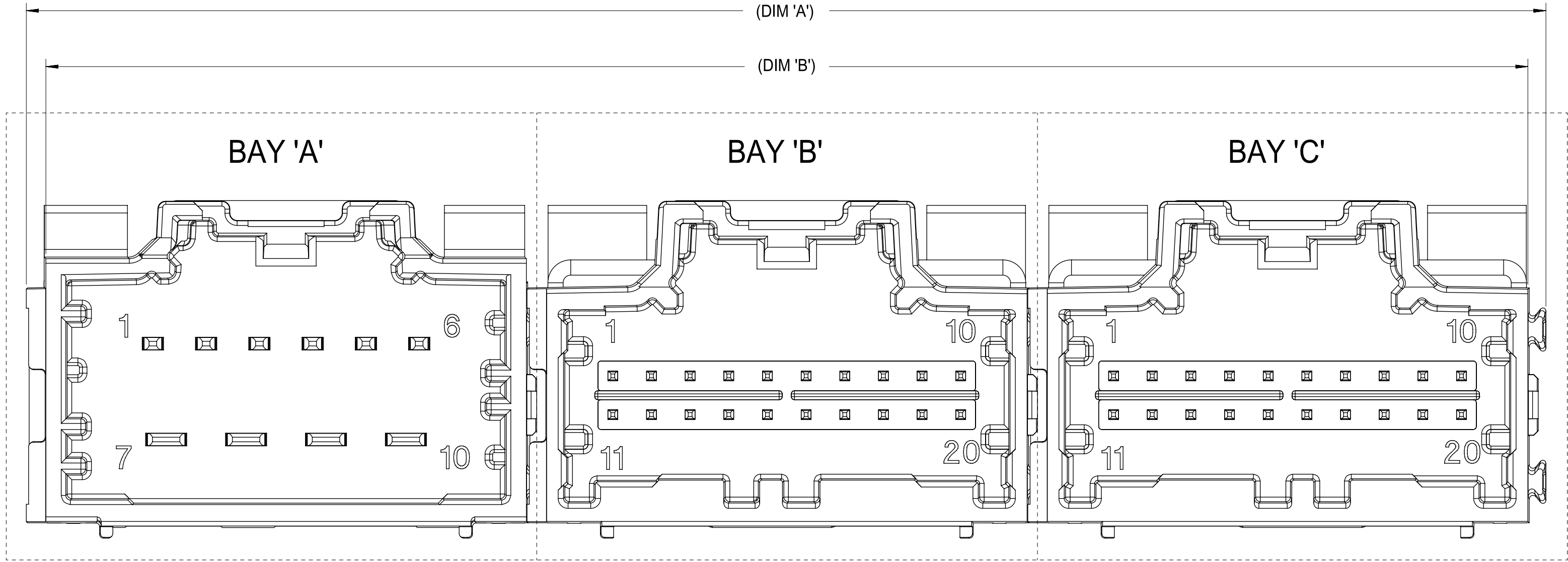
10 CKT HYBRID: SD-34695-100

14 CKT HYBRIDI SD-34772-200

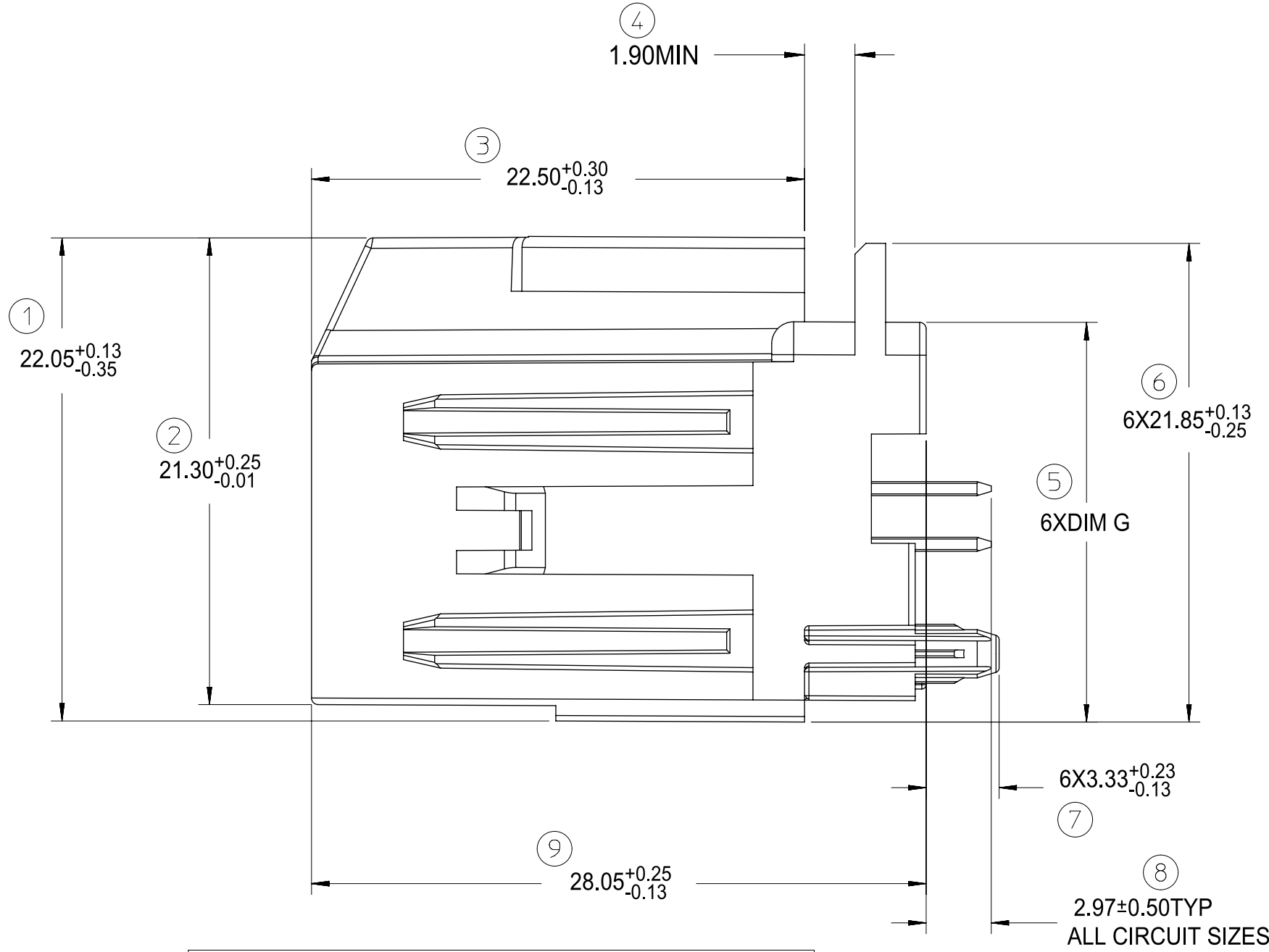
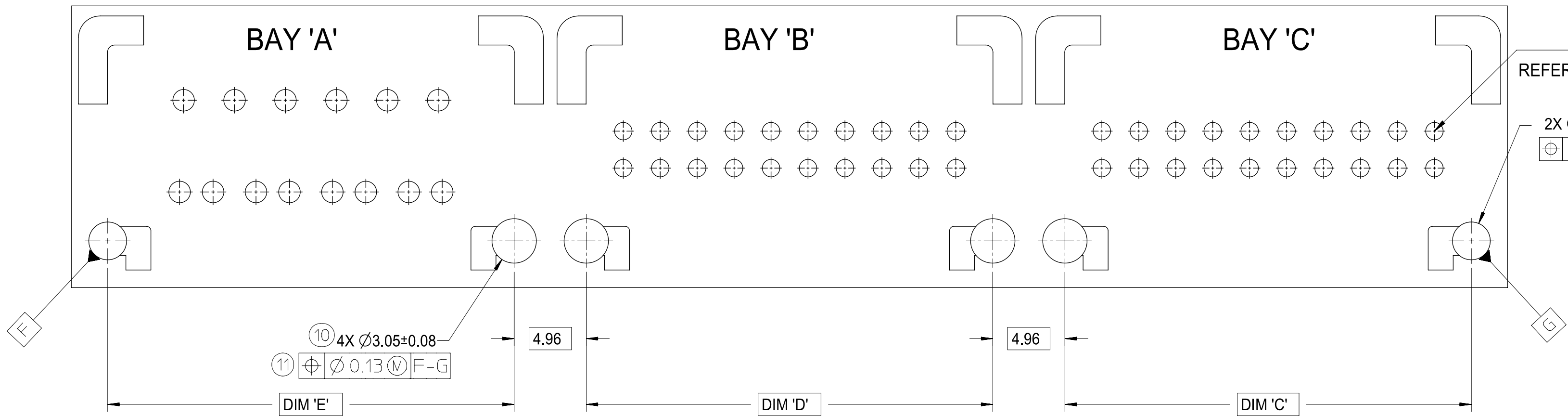
5.  DENOTES DIMENSIONS THAT MAY BE QUALIFIED WITH A GAUGE.

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																
FA = 0 FE = 0 FDP = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION CHART				molex 3-BAY STAC64 VERTICAL HEADER ASSEMBLY								
	mm		1:1														
	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:				PRODUCT SALES DRAWING								
0 PLACES		±		DRWN: RFC_PLMIMP													
				APPR:													
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			
						D-SIZE		34707		SEE TABLE		GENERAL MARKET		1 OF 5			



RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAYS USING CHART ON SHEET 2

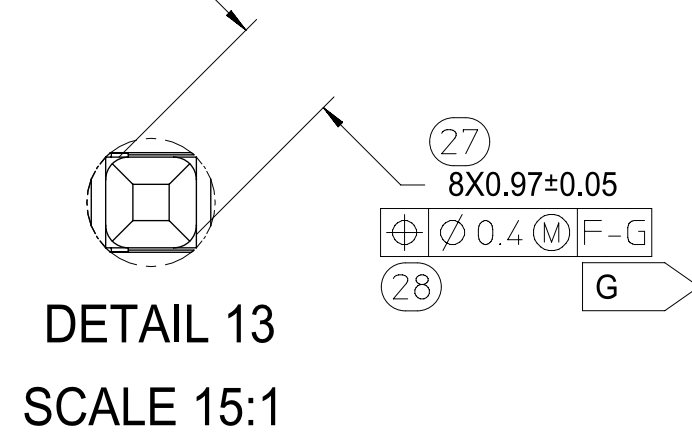
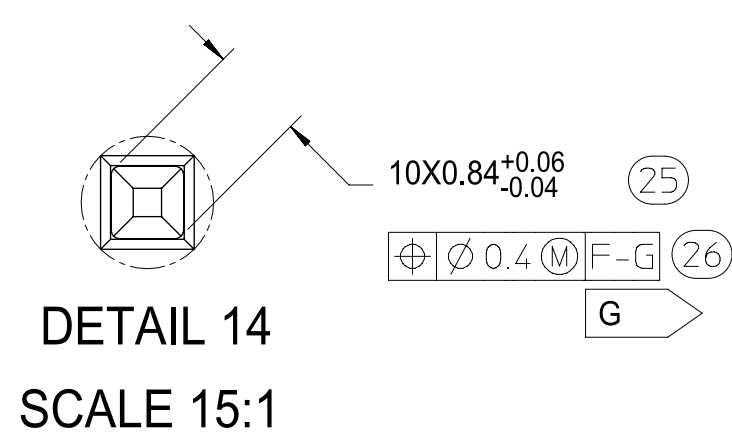
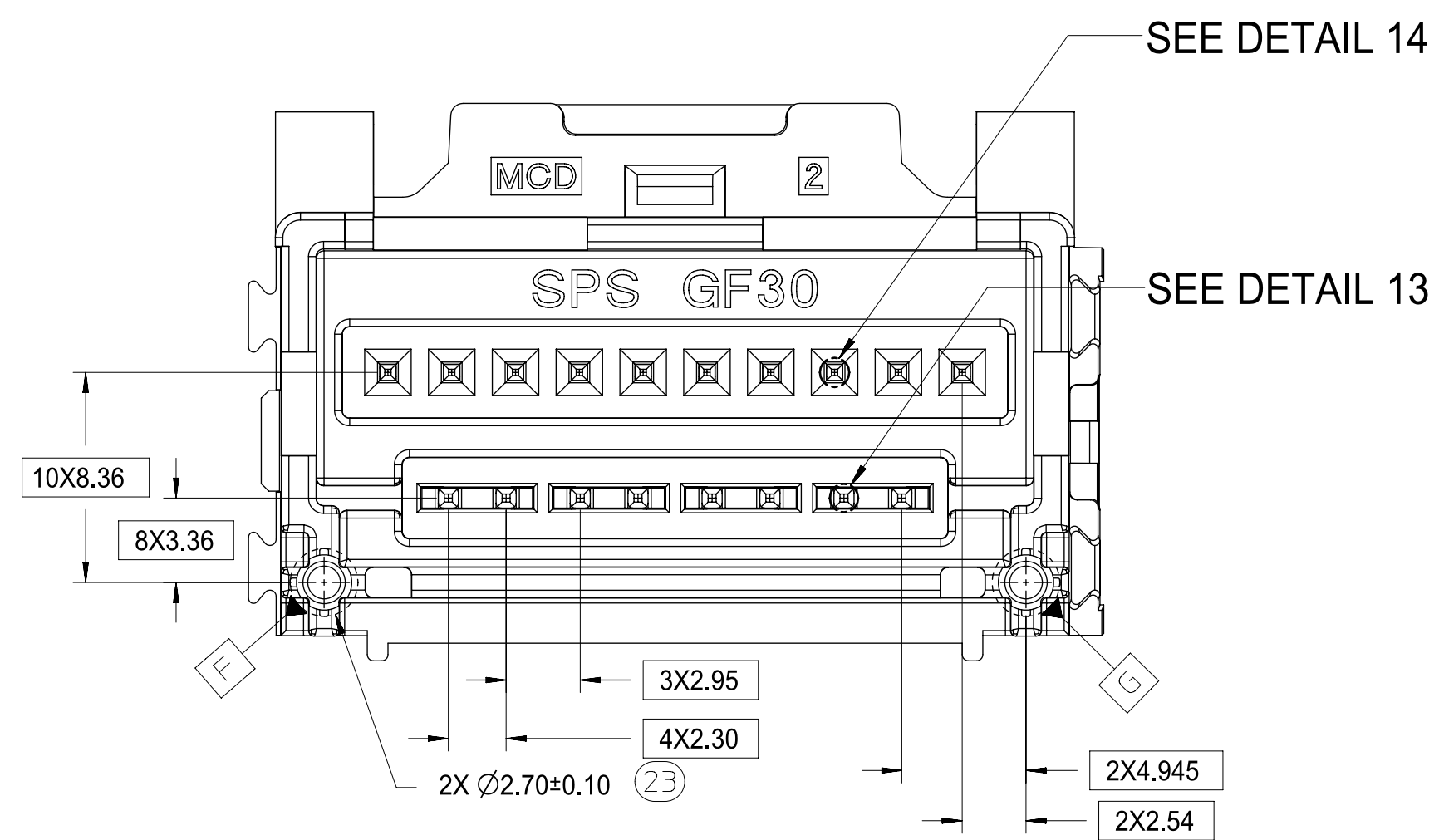
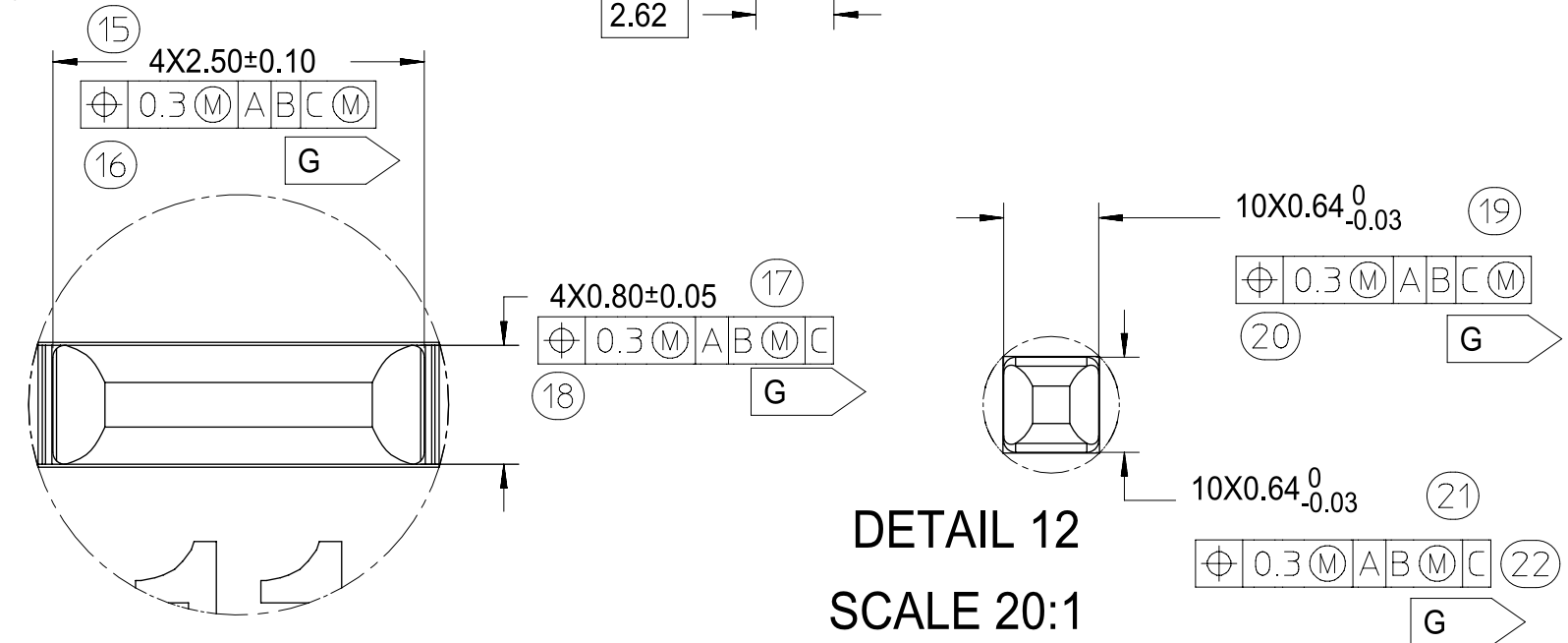
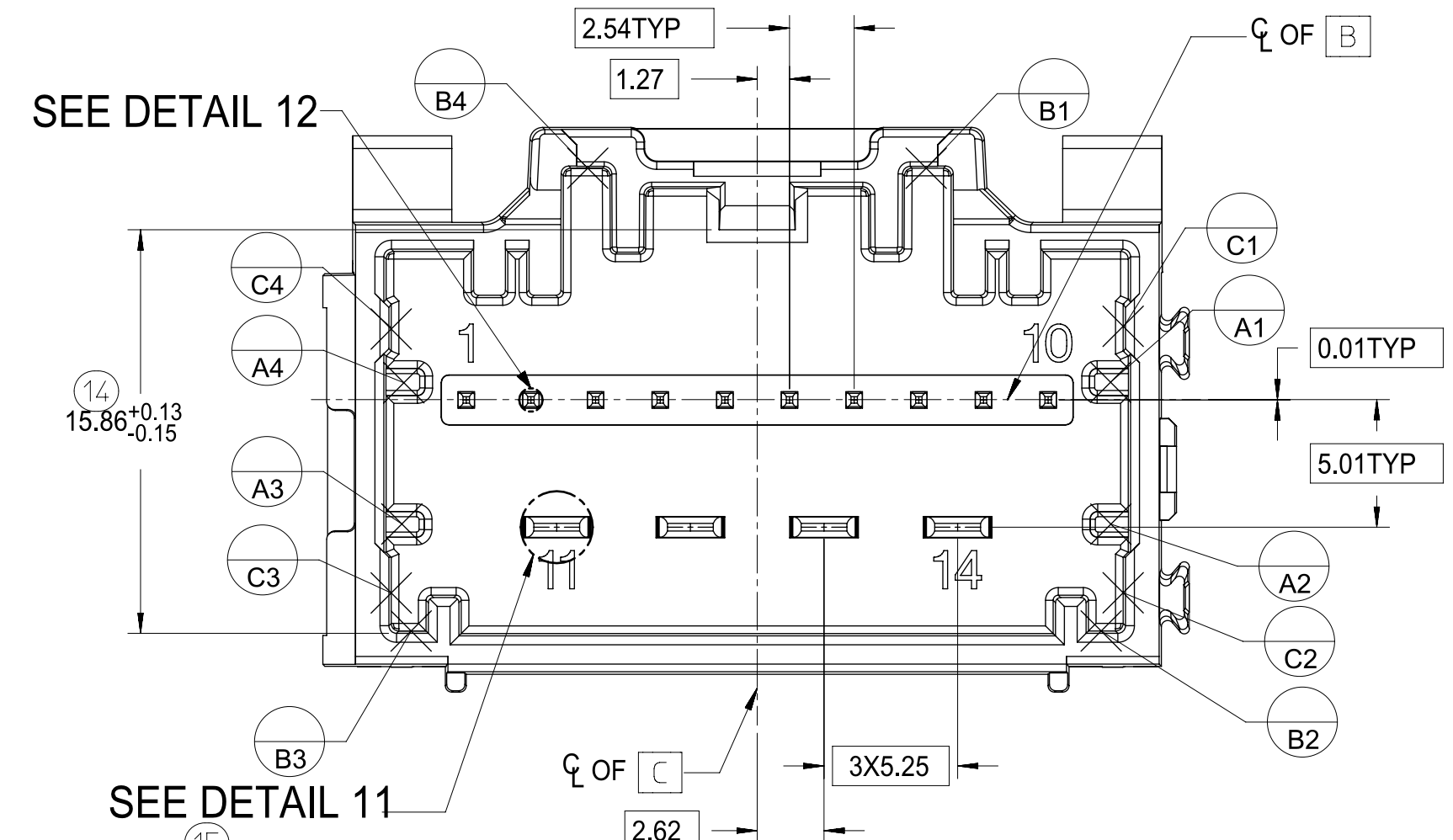


FOR DIM G:	
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

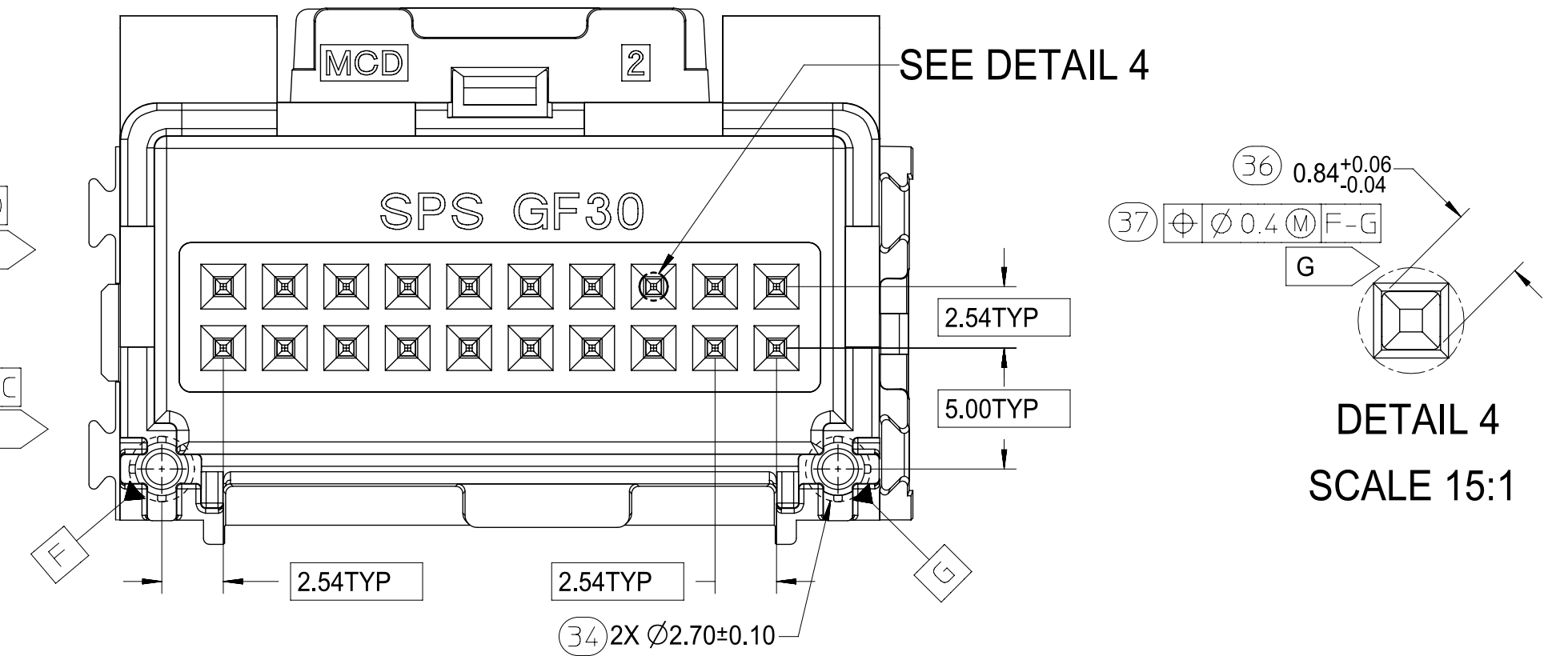
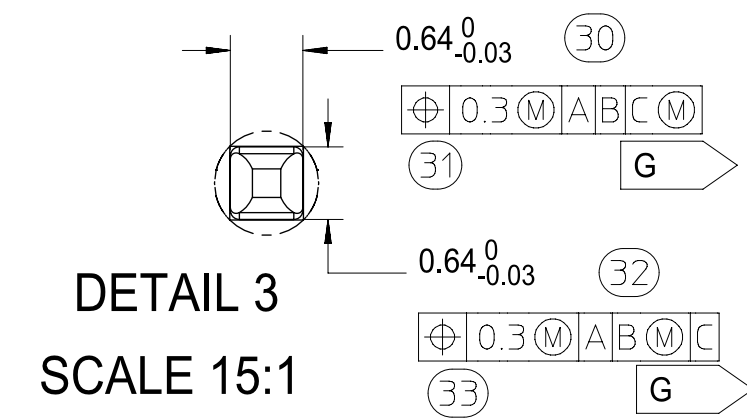
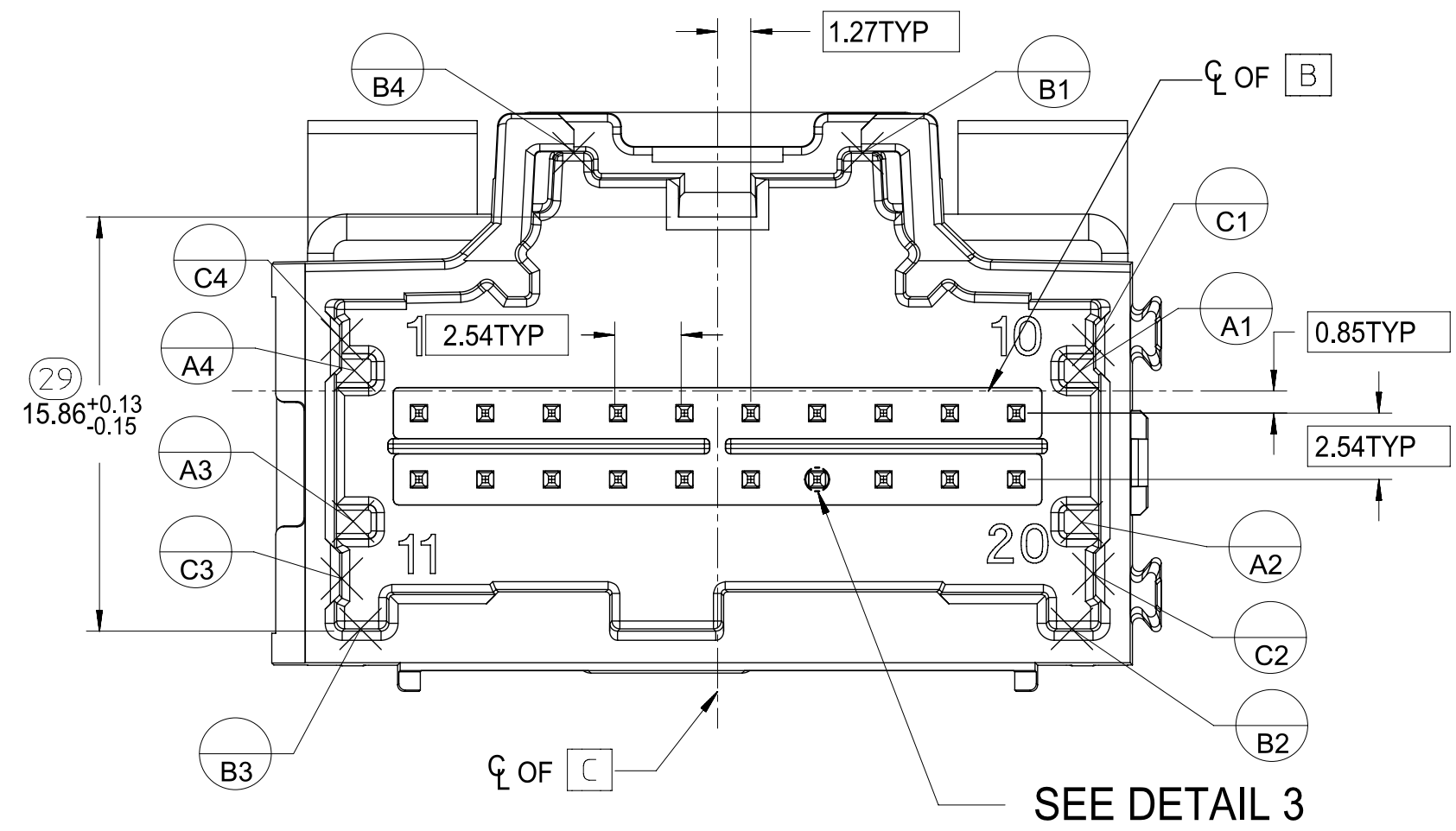
POST HOLE TABLE:	
FOR DIM Z:	
PRESS FIT:	2.60
DROP IN:	3.05

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
FUNCTIONAL SYMBOLS	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													
	ANGULAR TOL ± 1.0°				CO NO: CO-000001427													
DIVISIONAL SYMBOLS	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		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
									D-SIZE		34707		SEE TABLE		GENERAL MARKET		3 OF 5	
									DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
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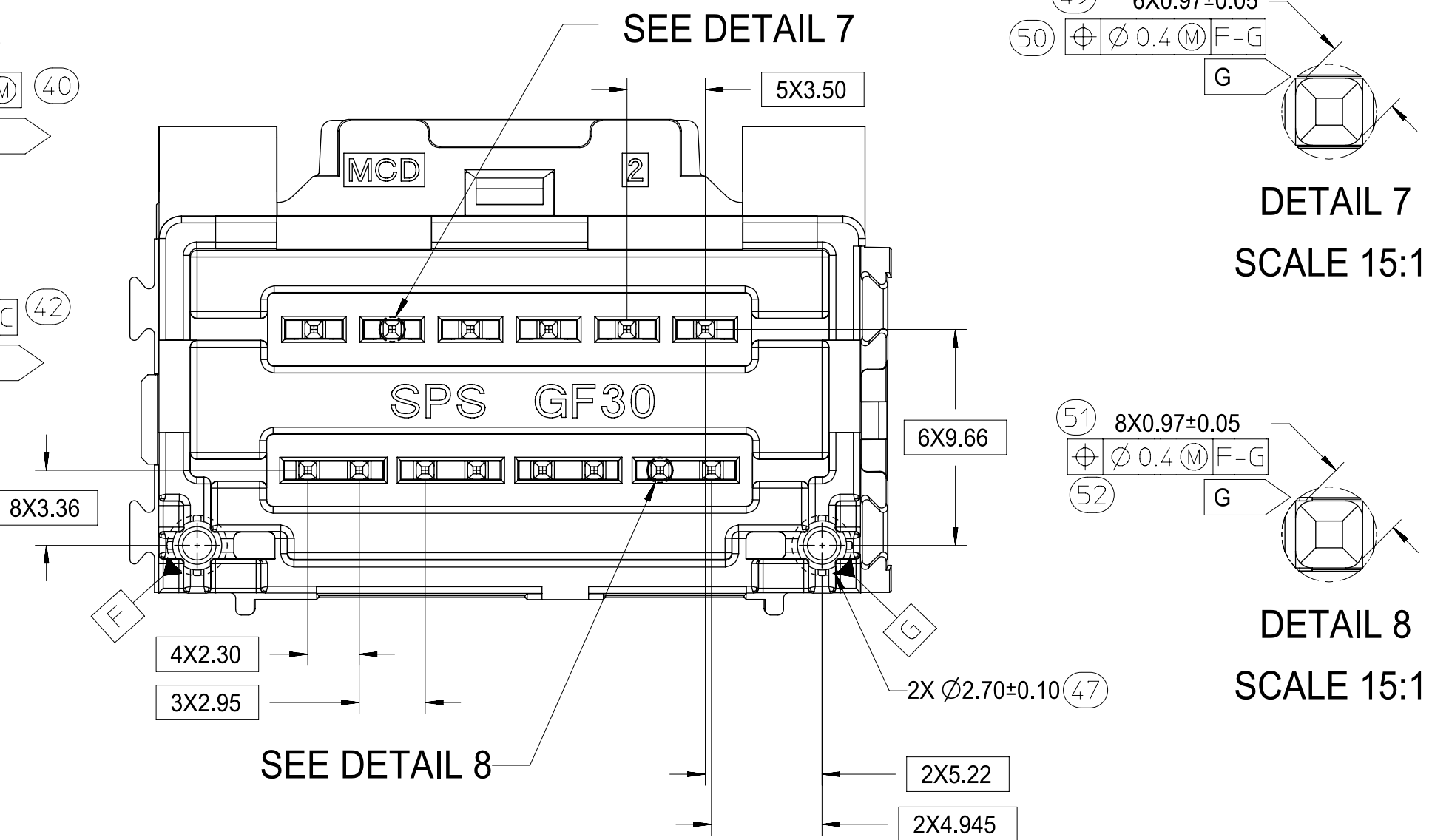
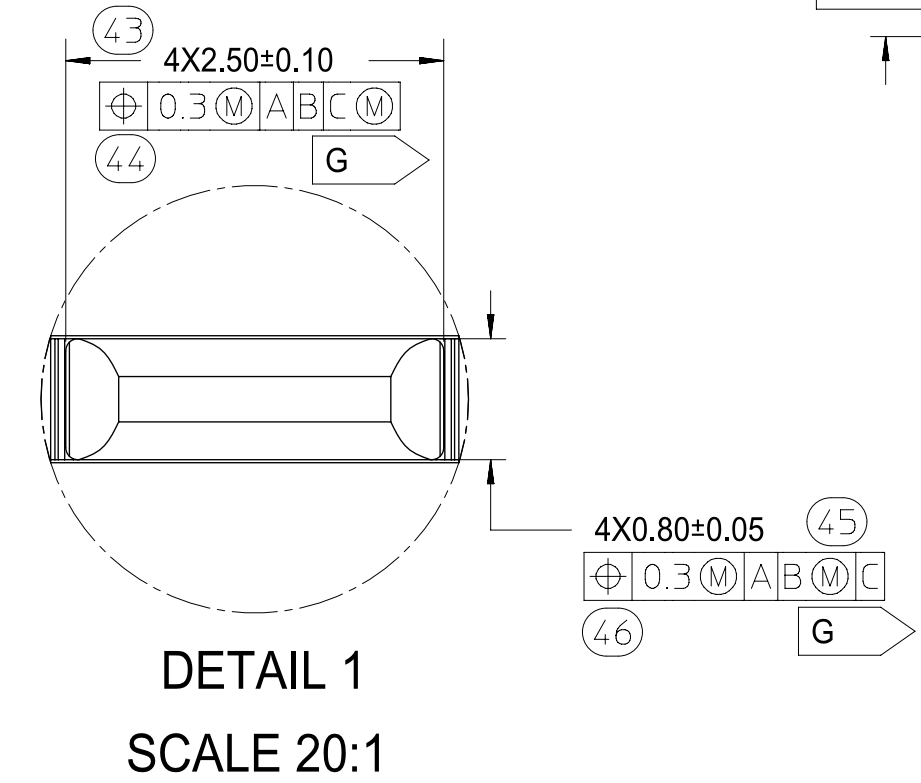
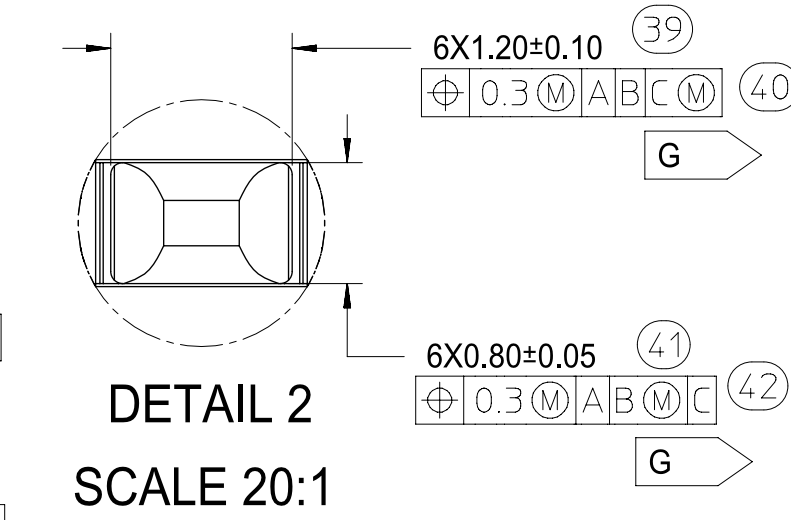
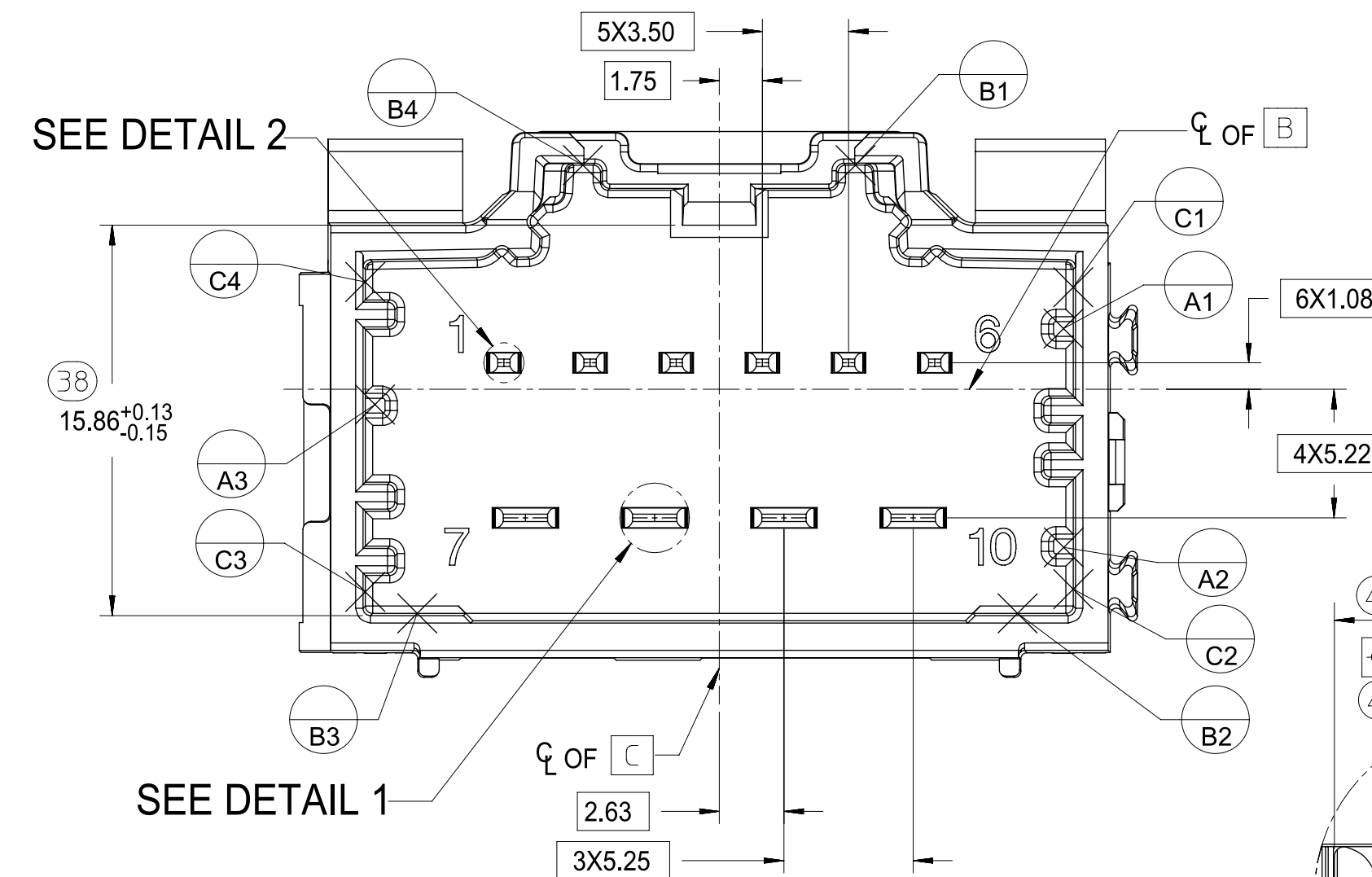
14CKT STAC HYBRID HEADER DETIALS



8-20CKT STAC 0.64mm HEADER DETIALS

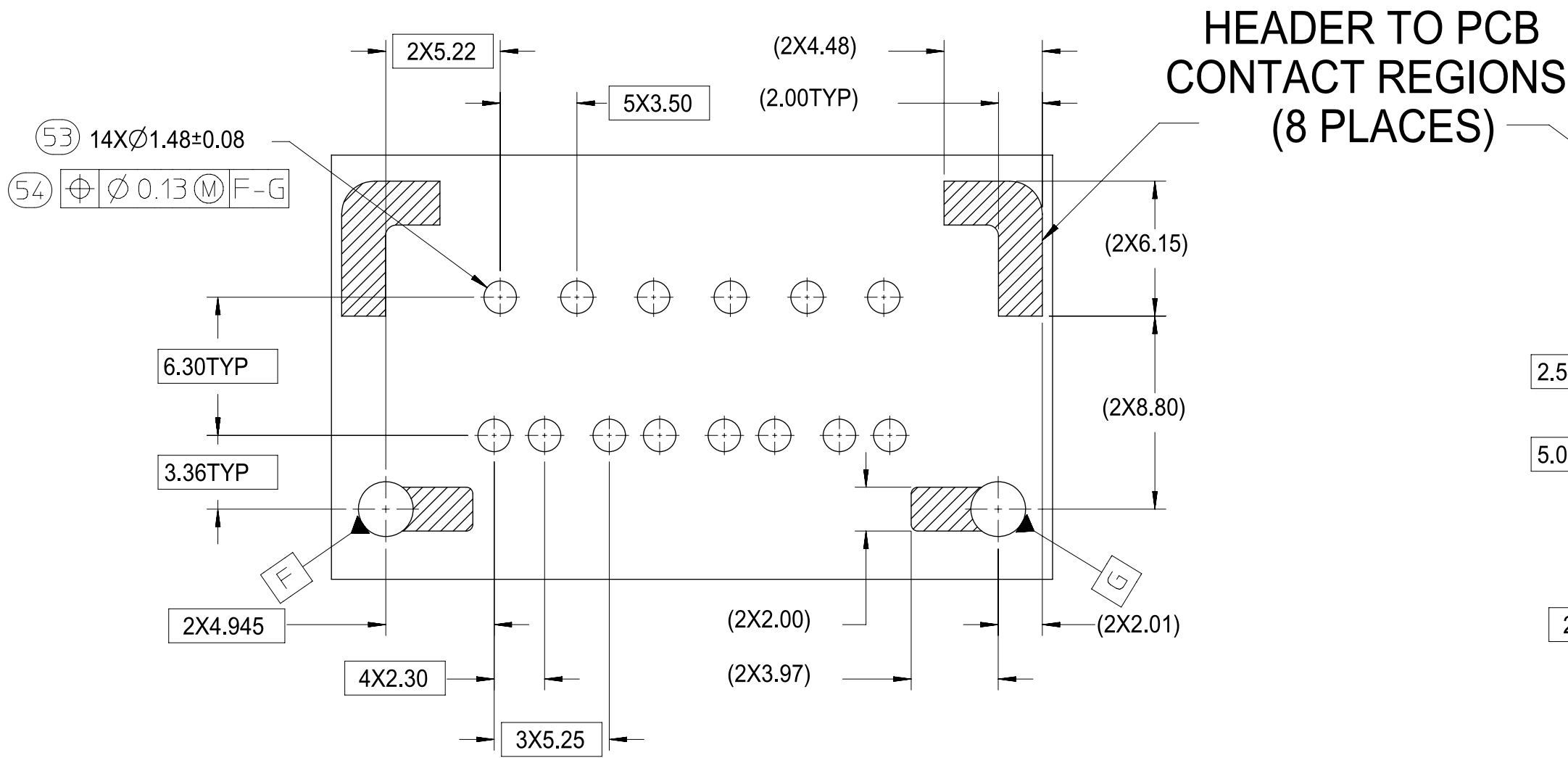


10CKT STAC HYBRID HEADER DETIALS

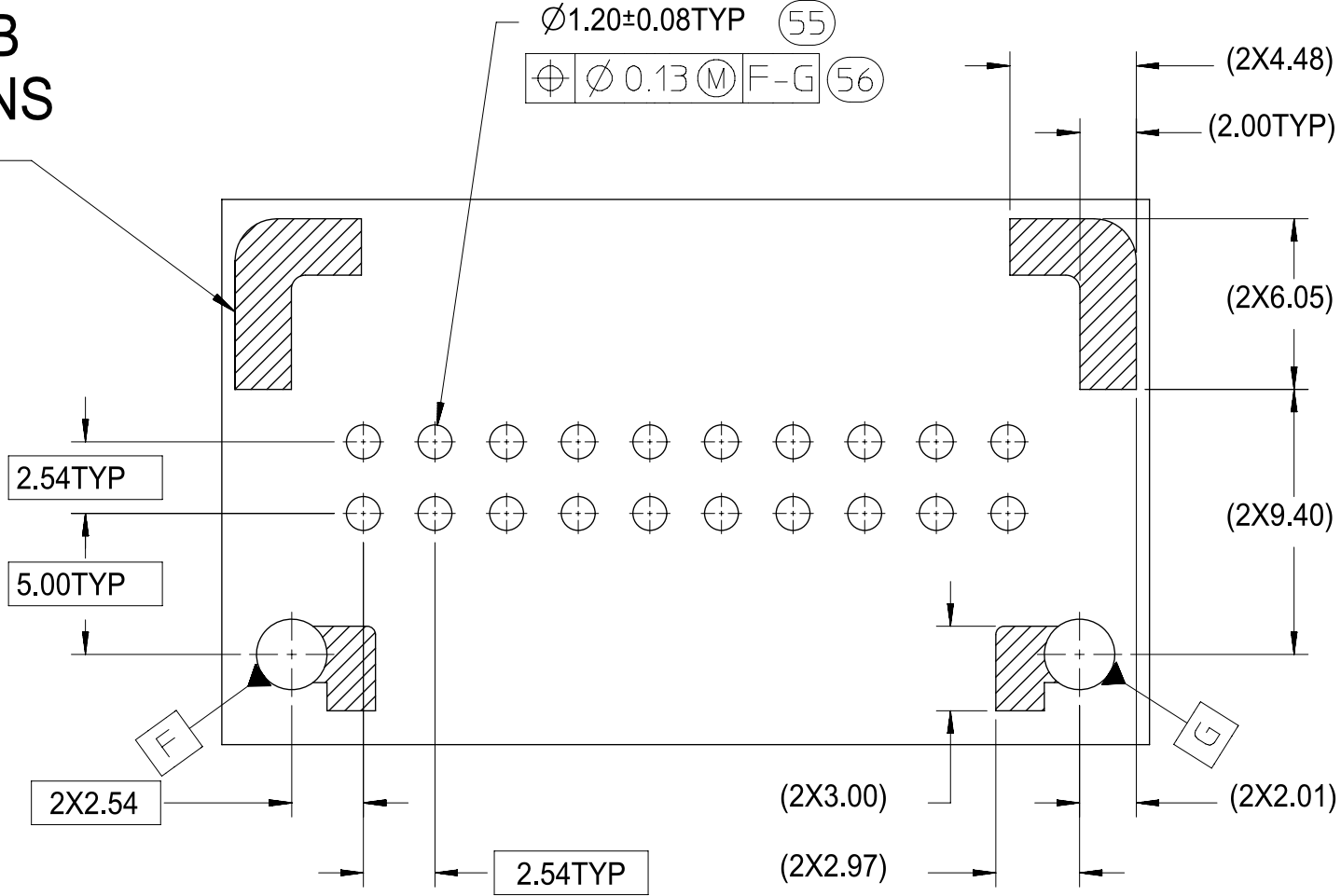


FUNCTIONAL SYMBOLS $\frac{F_A}{A} = 0$ $\frac{F_C}{C} = 0$ $\frac{F_D}{D} = 0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE 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			PRODUCT SALES DRAWING DOCUMENT NUMBER SD-34707-300 DOC TYPE PSD DOC PART 001 REVISION K4							
	ANGULAR TOL ± 1.0°														
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.130												
	1 PLACE		± 0.25		INITIAL REVISION: DRWN: JDUNAJ 2009/03/10 APPR: SMARCEU 2009/03/11			MATERIAL NUMBER SEE TABLE				CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 5	
	0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING D-SIZE		SERIES 34707							

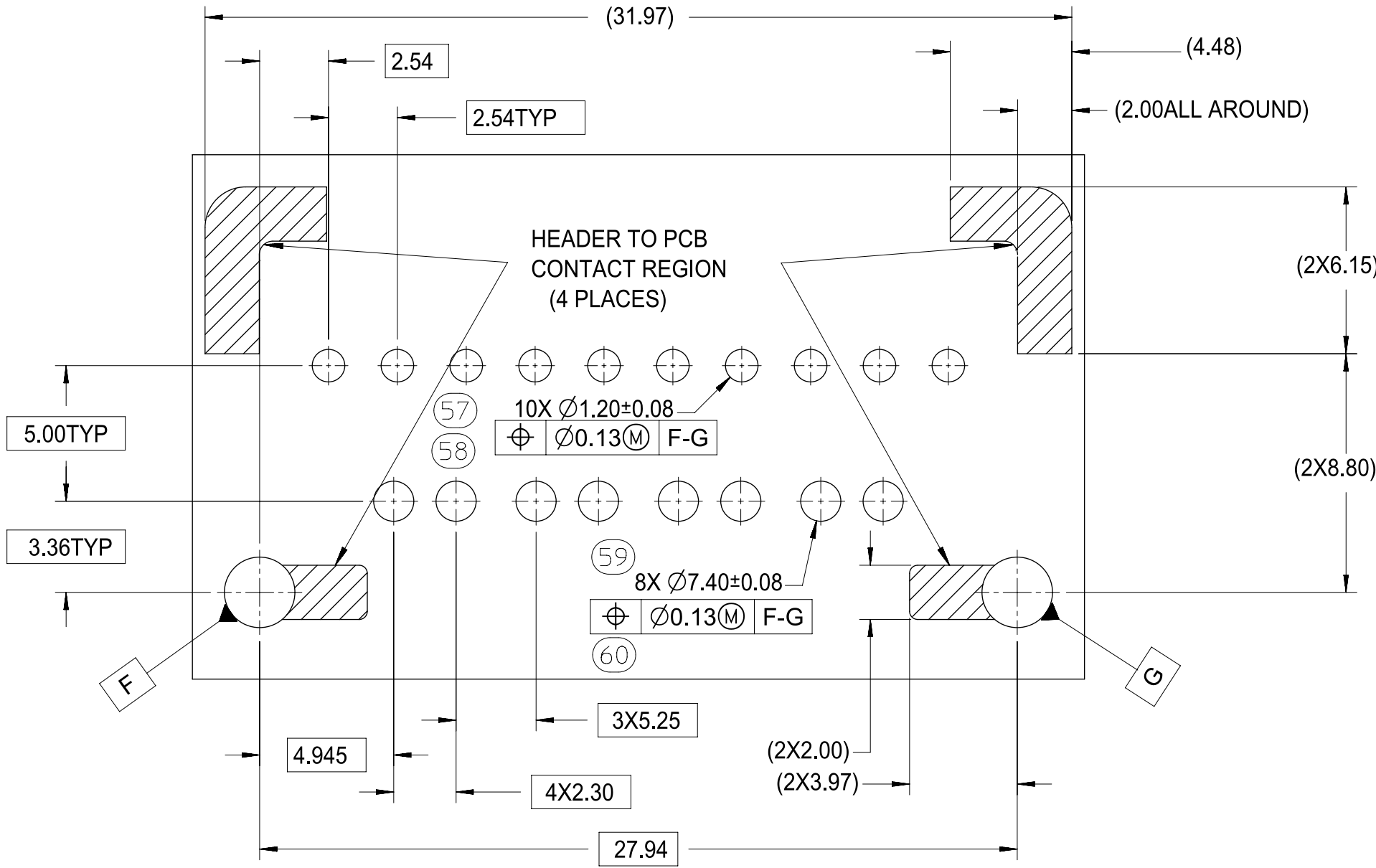
10 CKT HYBRID TEMPLATE
PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE
PCB LAYOUT



14 CKT HYBRID TEMPLATE
PCB LAYOUT

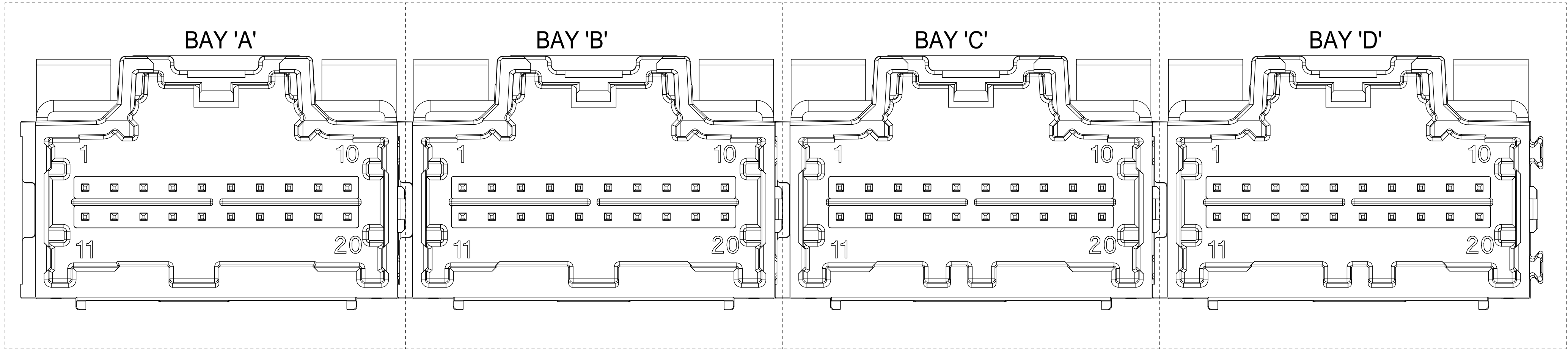


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
FUNCTIONAL SYMBOLS F/A = 0 F/C = 0 F/P = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION CHART				molex 3-BAY STAC64 VERTICAL HEADER ASSEMBLY							
		mm		4:1		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											
		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	
						D-SIZE		34707		SD-34707-300		PSD		001		K4	
										SEE TABLE		GENERAL MARKET		SHEET NUMBER		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:

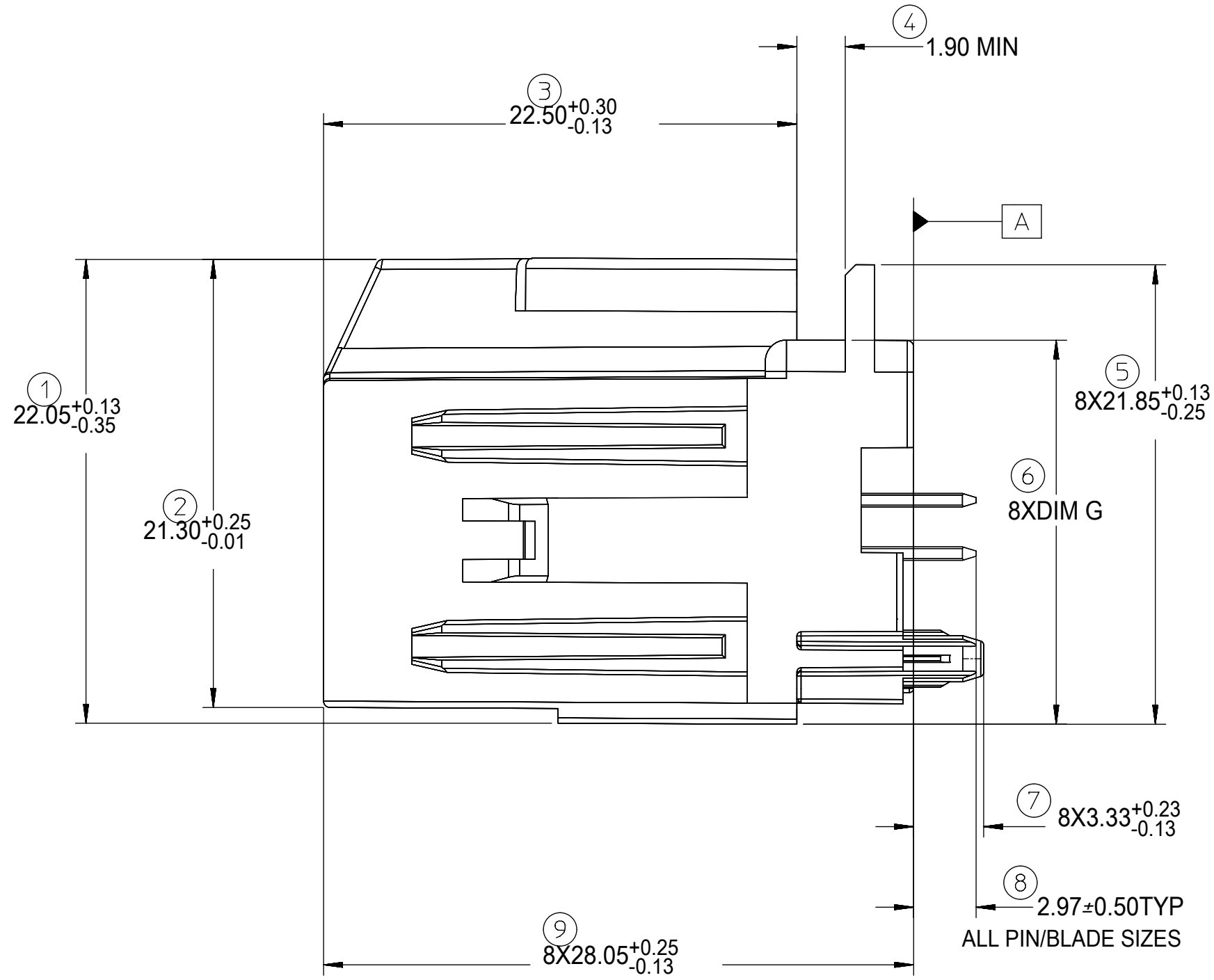
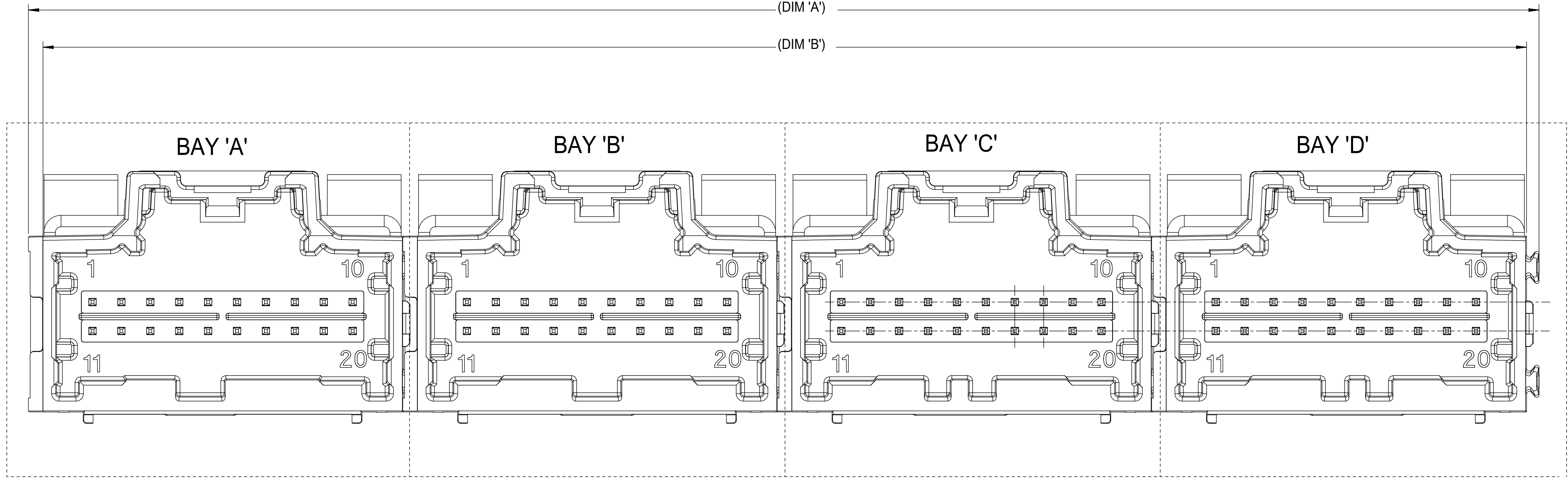
a. UNDERPLATING - OVERALL NICKEL

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

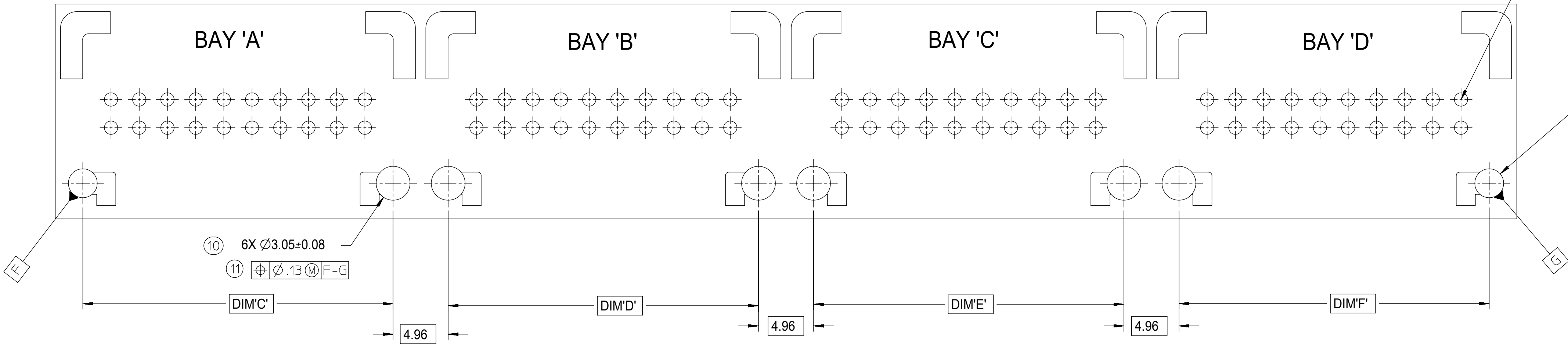
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex			
	mm		4:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)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

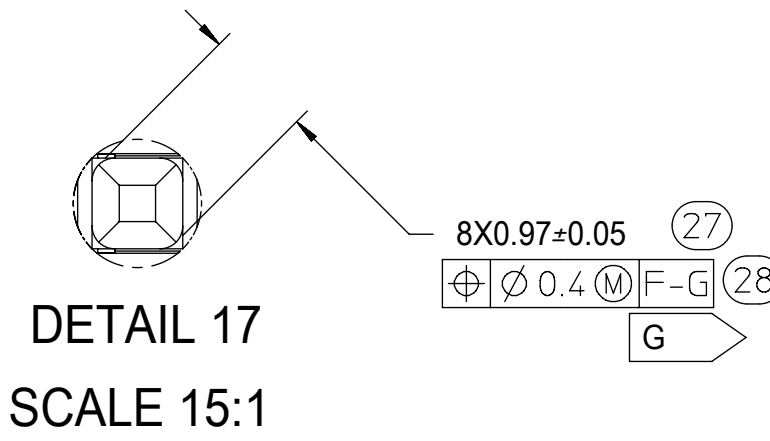
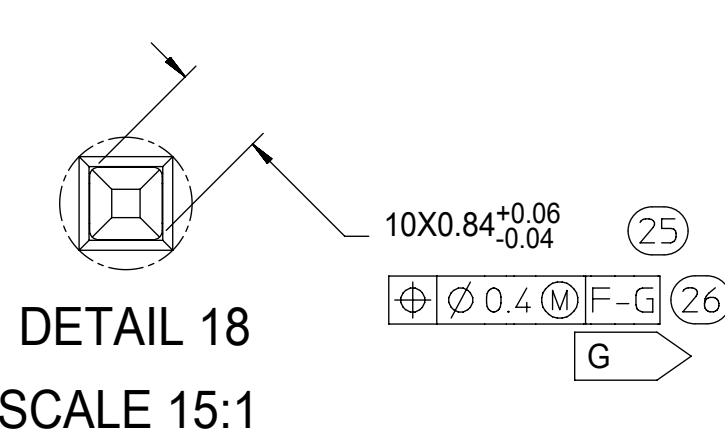
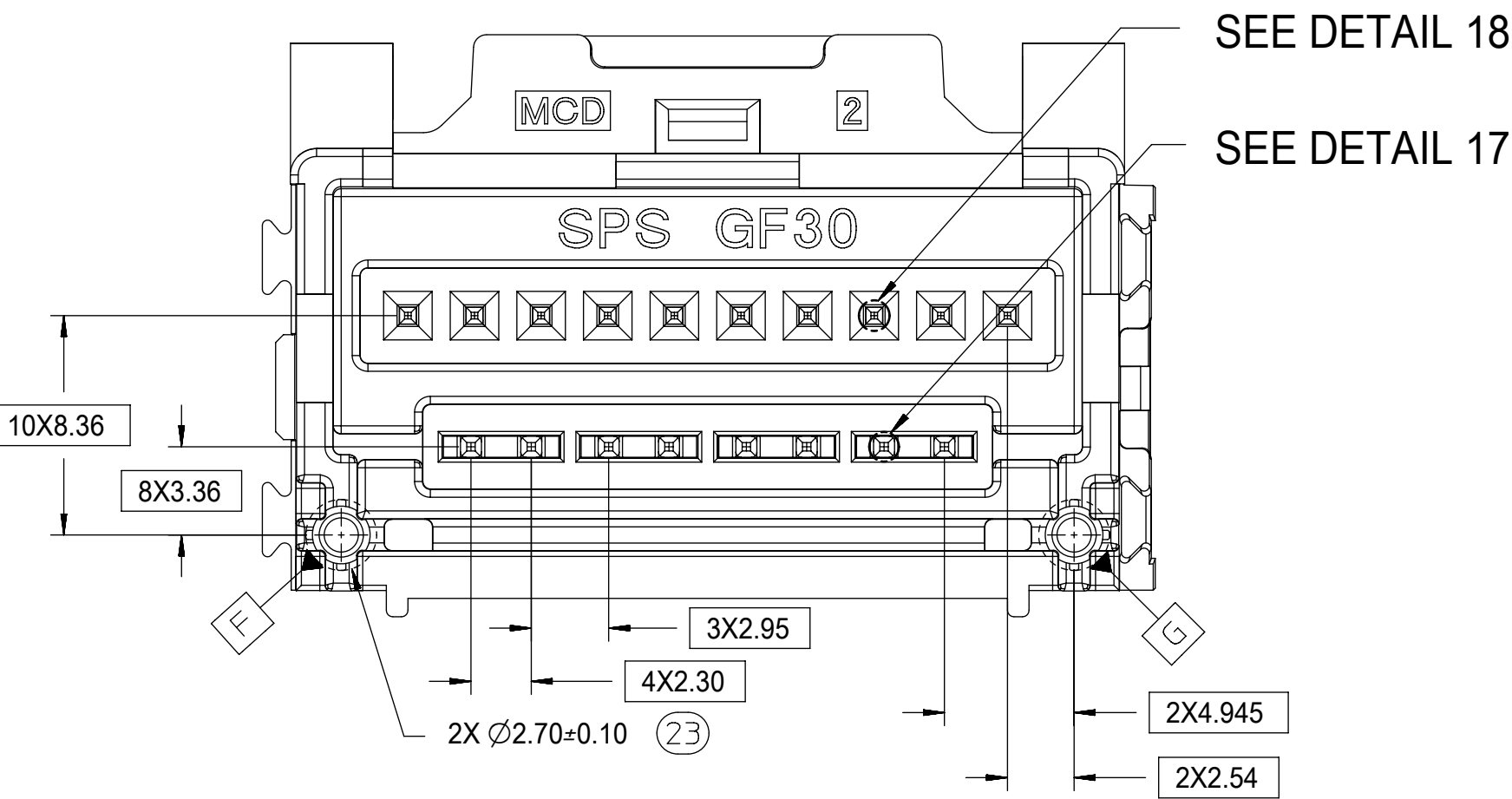
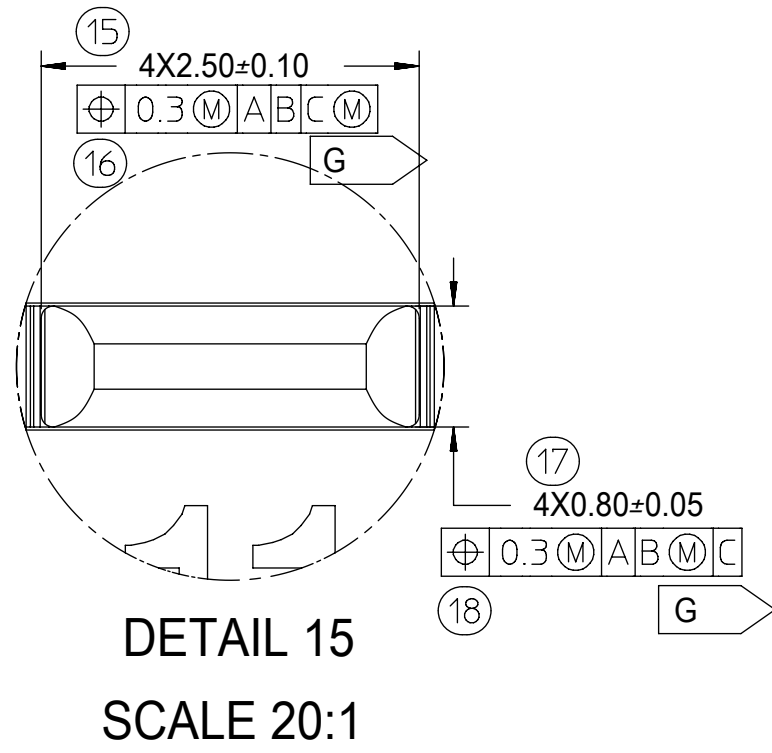
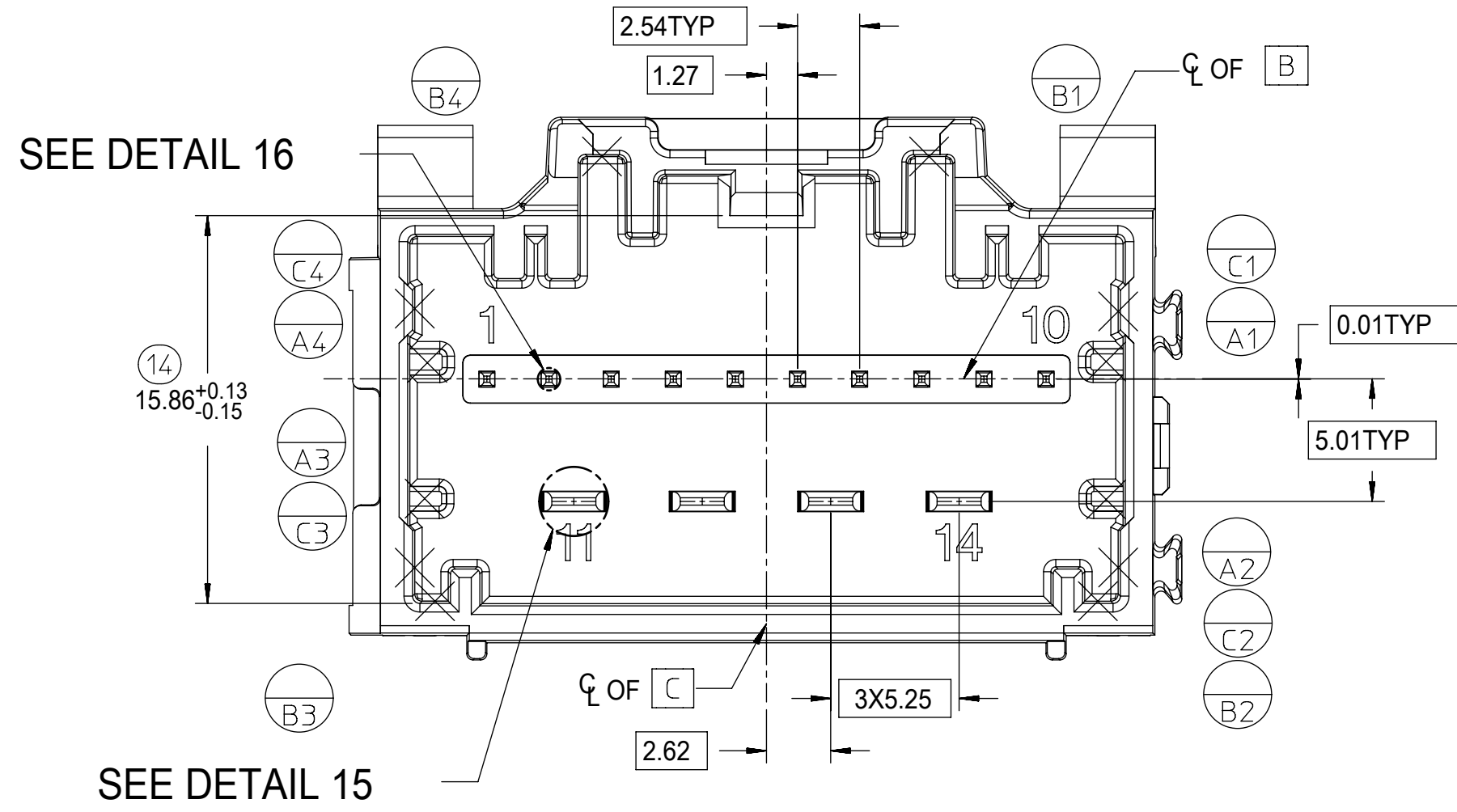


FOR DIM Z:	
PRESS FIT	2.60
DROP IN	3.05

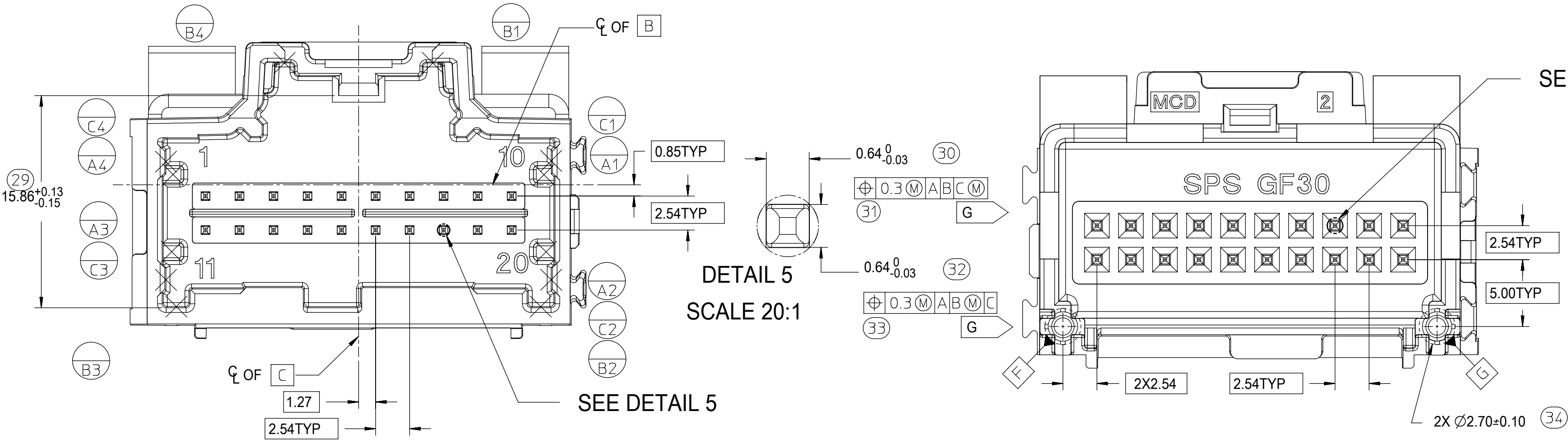
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
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	= 0	mm		4:1																	
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)																			
	= 0	ANGULAR TOL ± 3.0°								PRODUCT CUSTOMER DRAWING											
	= 0	4 PLACES		±																	
	= 0	3 PLACES		±		INITIAL REVISION: DRWN: VDANIELE 2008/11/14 APPR: SMARCEAU 2008/11/14				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION							
	= 0	2 PLACES		± 0.13						SD-34707-400		PSD	001	D9							
	= 0	1 PLACE		± 0.25		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	= 0	0 PLACES		±								D-SIZE		34707		SEE TABLE		GENERAL MARKET		2 OF 4	
	= 0																				

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



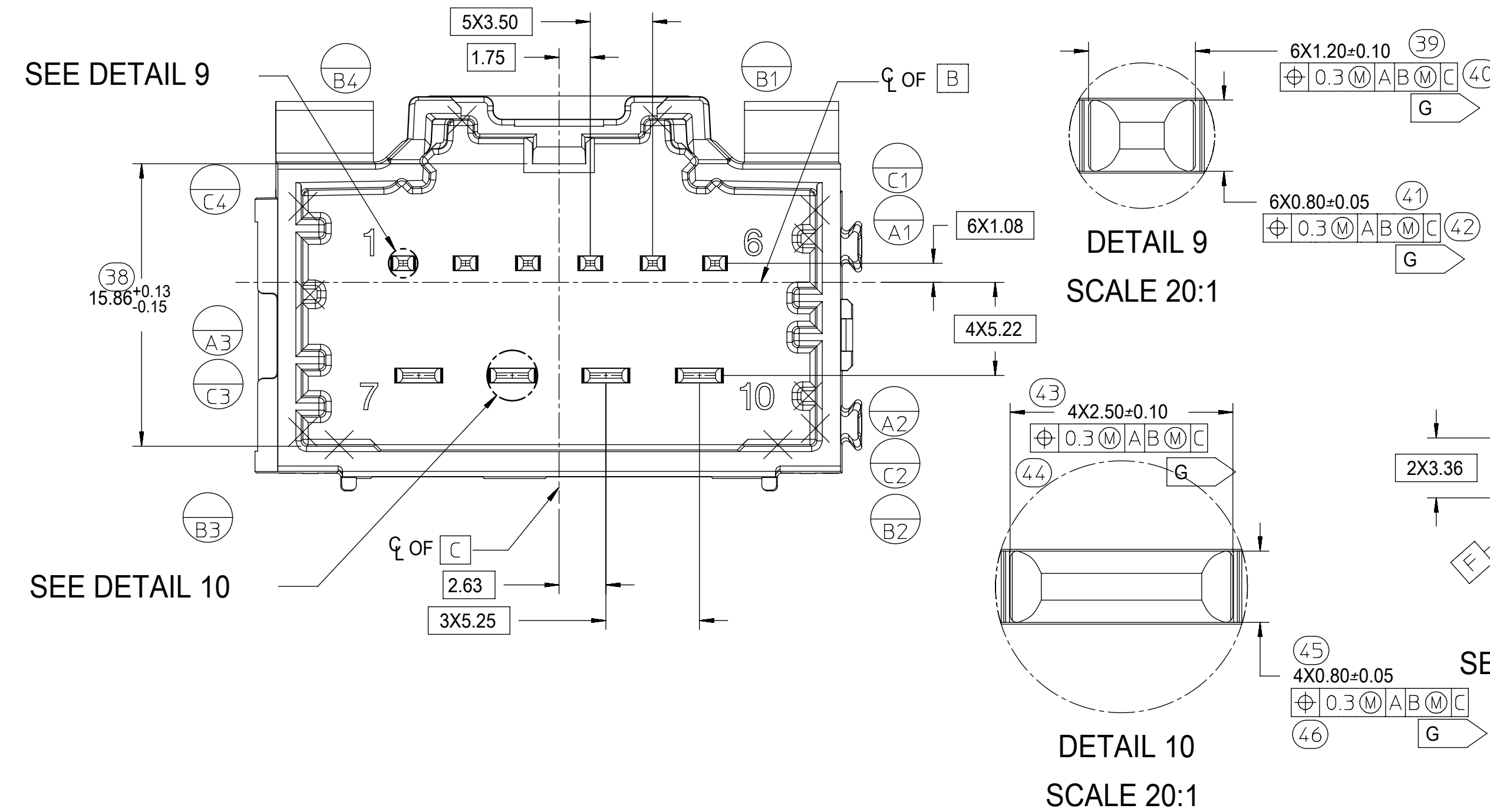
8-20CKT STAC 0.64mm HEADER DETAILS



DETAIL 5
SCALE 20:1

DETAIL 6
SCALE 15:1

10CKT STAC HYBRID HEADER DETAILS



DETAIL 9
SCALE 20:1

DETAIL 10
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														
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	= 0	ANGULAR TOL ± 3.0 °														
	= 0	4 PLACES		±						EC NO: 612618						
	= 0	3 PLACES		±		DRWN: SHANDITHAVAL 2019/02/22										
	= 0	2 PLACES		± 0.13		CHK'D: RBAUMAN 2019/02/23										
	= 0	1 PLACE		± 0.25		APPR: RBAUMAN 2019/02/23										
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	= 0							D-SIZE		34707		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
	= 0											SEE TABLE		GENERAL MARKET		3 OF 4

PCB LAYOUT

53 14X Ø1.48±0.08

54 Ø0.13(M) F-G

2X5.22 (2.00 TYP)

5X3.50

6.30TYP

3.36TYP

F

G

4X2.30 (2X2.00)

3X5.25 (2X3.97)

2X4.945

2X2.01

(2X4.48)

(2X6.15)

(2X8.80)

HEADER TO PCB
CONTACT REGIONS
(8 PLACES)

$\varnothing 1.20 \pm 0.08$ TYP (55)

$\varnothing 0.13$ (M) F-G (56)

2.54 TYP

5.00 TYP

F

G

2.54 TYP

2X2.54

(2X3.00)

(2X2.97)

(2X4.40)

(2.00 TYP)

(2X6.05)

(2X9.40)

(2X2.01)

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

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