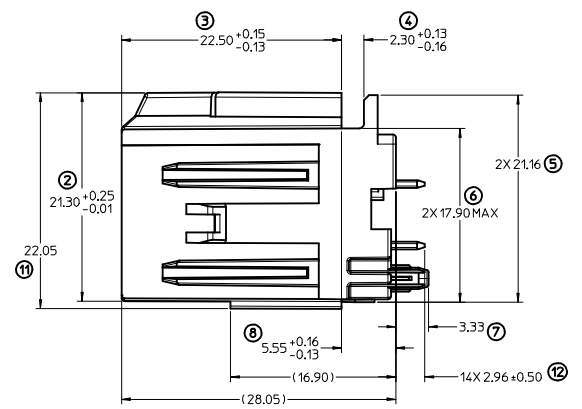
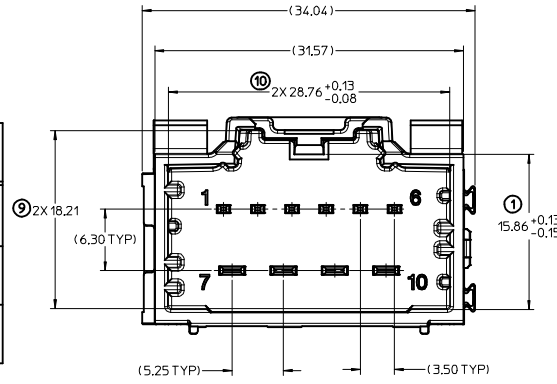
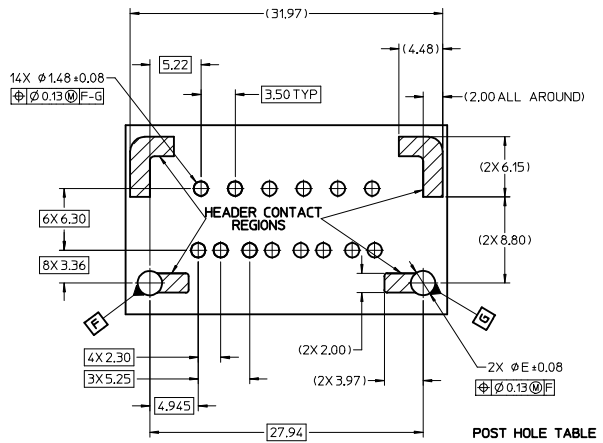


MATERIAL NUMBER		CKT SIZE	DESCRIPTION	POL	COLOR
TUBE PACK	TRAY PACK				
34695-9100	34695-0100	10	POWER STAC VERTICAL HEADER ASSEMBLY	A	BLACK
34695-9101	34695-0101	10	POWER STAC VERTICAL HEADER ASSEMBLY	B	GREY
34695-9102	34695-0102	10	POWER STAC VERTICAL HEADER ASSEMBLY	C	BROWN



RECOMMENDED PCB LAYOUT



POST HOLE TABLE

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

NOTES: VALID UNLESS OTHERWISE SPECIFIED

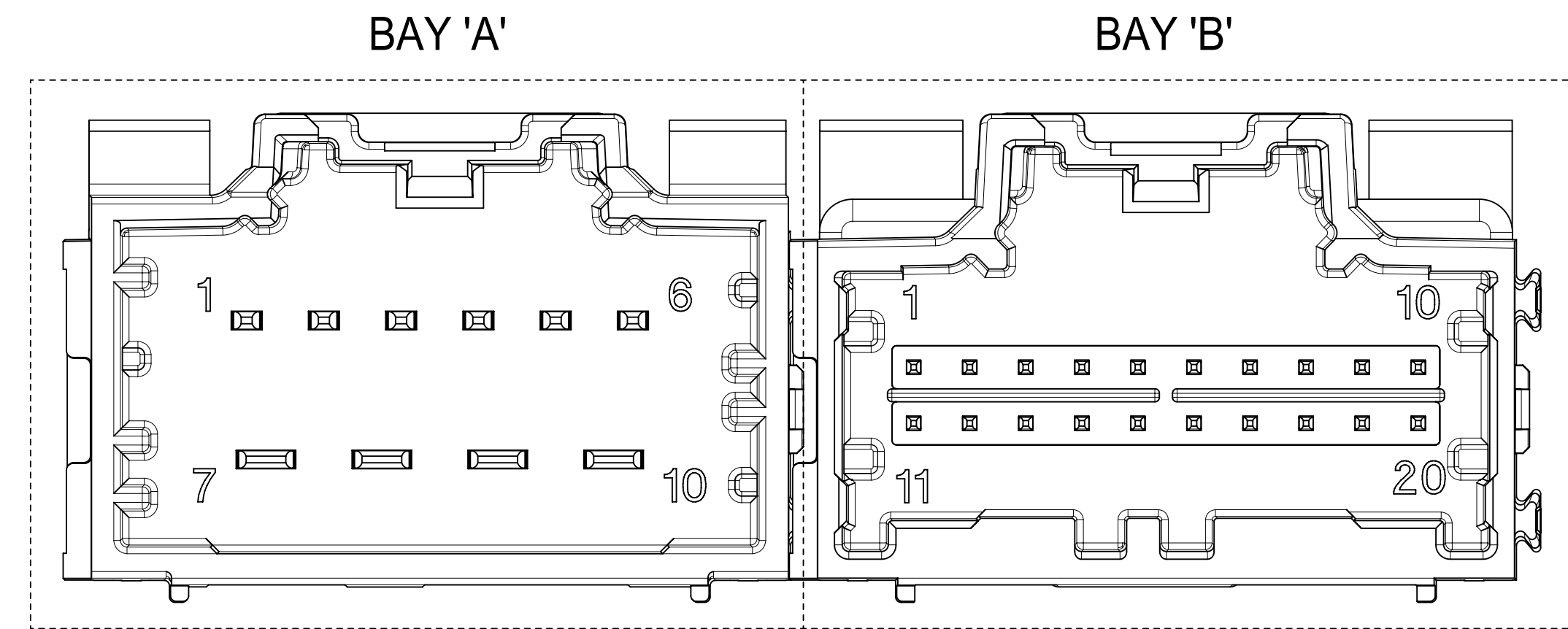
- GENERAL:
  - CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:  
 PIN RETENTION - USCAR-2 REV 4  
 SOLDERABILITY - SMES-152
  - APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:  
 SEE APPLICATION SPECIFICATION - AS-34690-000  
 SEE PRODUCT SPECIFICATION - PS-31372-100  
 MATES WITH: SD-31372-900
  - PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-892
- DESIGN: MATERIALS:
  - SHROUD (PLASTIC HOUSING):  
 RESIN - SPS 30%GF
  - 1.50mm BLADES:  
 BASE MATERIAL: C19400  
 PLATING TYPE: AS NOTED
  - 2.80mm BLADES:  
 BASE MATERIAL: C19400  
 PLATING TYPE: AS NOTED
- PLATING REQUIREMENTS:
  - UNDERPLATING - OVERALL NICKEL
  - OVERPLATING - OVERALL TIN

UPDATED DIMENSIONS EC NO: UAU2013-1619 DRAWN: FISCHER01 2013/04/15 CHKD: APPR: RBAUMAN 2013/04/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.13	±---	1 PLACE	±0.25	±---	MM ONLY	4:1	METRIC	
		mm	INCH																		
	4 PLACES	±---	±---																		
3 PLACES	±---	±---																			
2 PLACES	±0.13	±---																			
1 PLACE	±0.25	±---																			
DRAWN BY: MBAILEY CHECKED BY: EDILLON APPROVED BY:	<table border="1"> <thead> <tr> <th>DATE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>10/02/06</td> <td>STAC64 SINGLE BAY VERT 10 CKT. HEADER ASSEMBLY SALES DRAWING</td> </tr> <tr> <td>04/18/07</td> <td></td> </tr> </tbody> </table>	DATE	TITLE	10/02/06	STAC64 SINGLE BAY VERT 10 CKT. HEADER ASSEMBLY SALES DRAWING	04/18/07															
DATE	TITLE																				
10/02/06	STAC64 SINGLE BAY VERT 10 CKT. HEADER ASSEMBLY SALES DRAWING																				
04/18/07																					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE CHART</b>	MOLEX INCORPORATED	DOCUMENT NO. <b>SD-34695-100</b>	SHEET NO. <b>1 OF 1</b>																

## 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

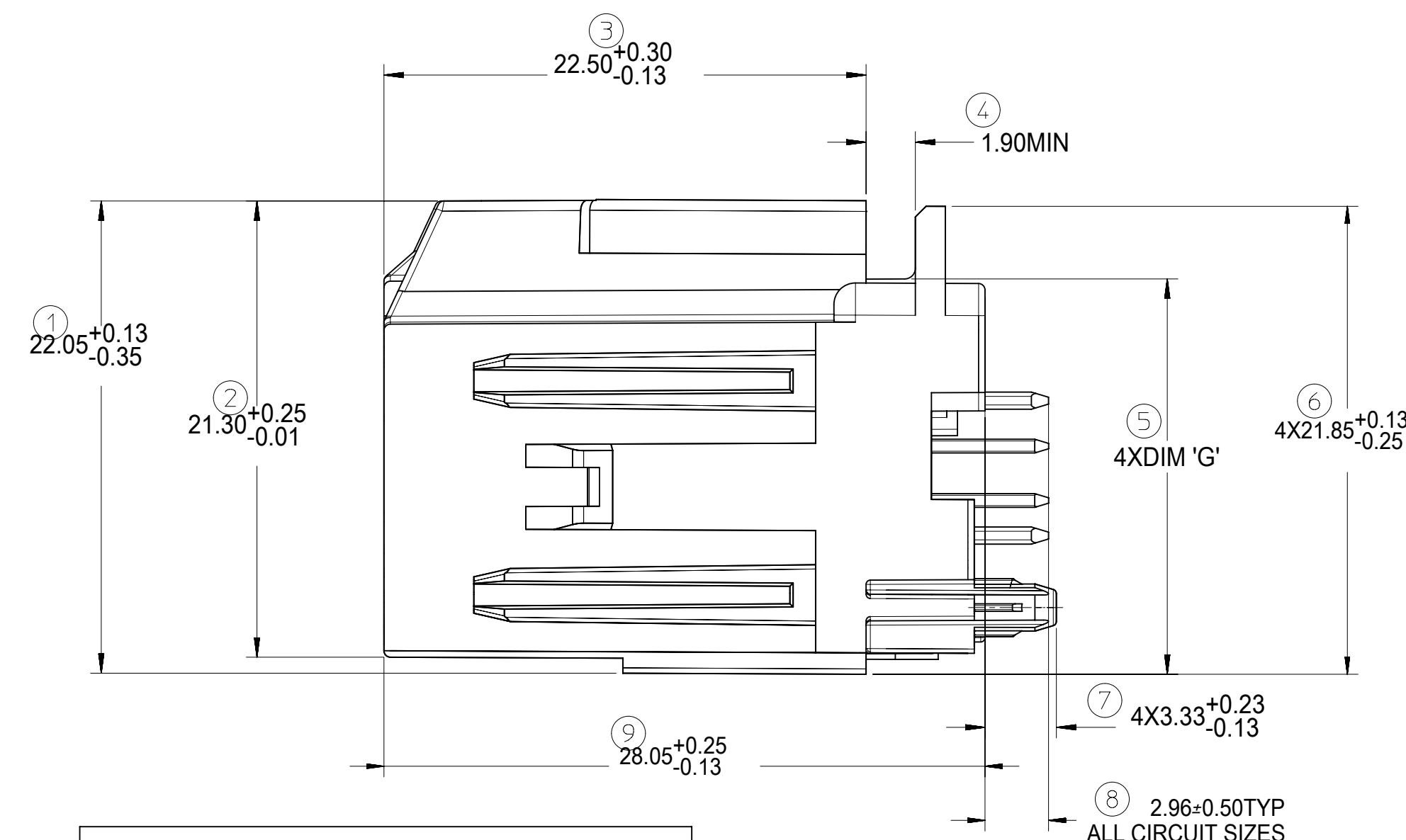
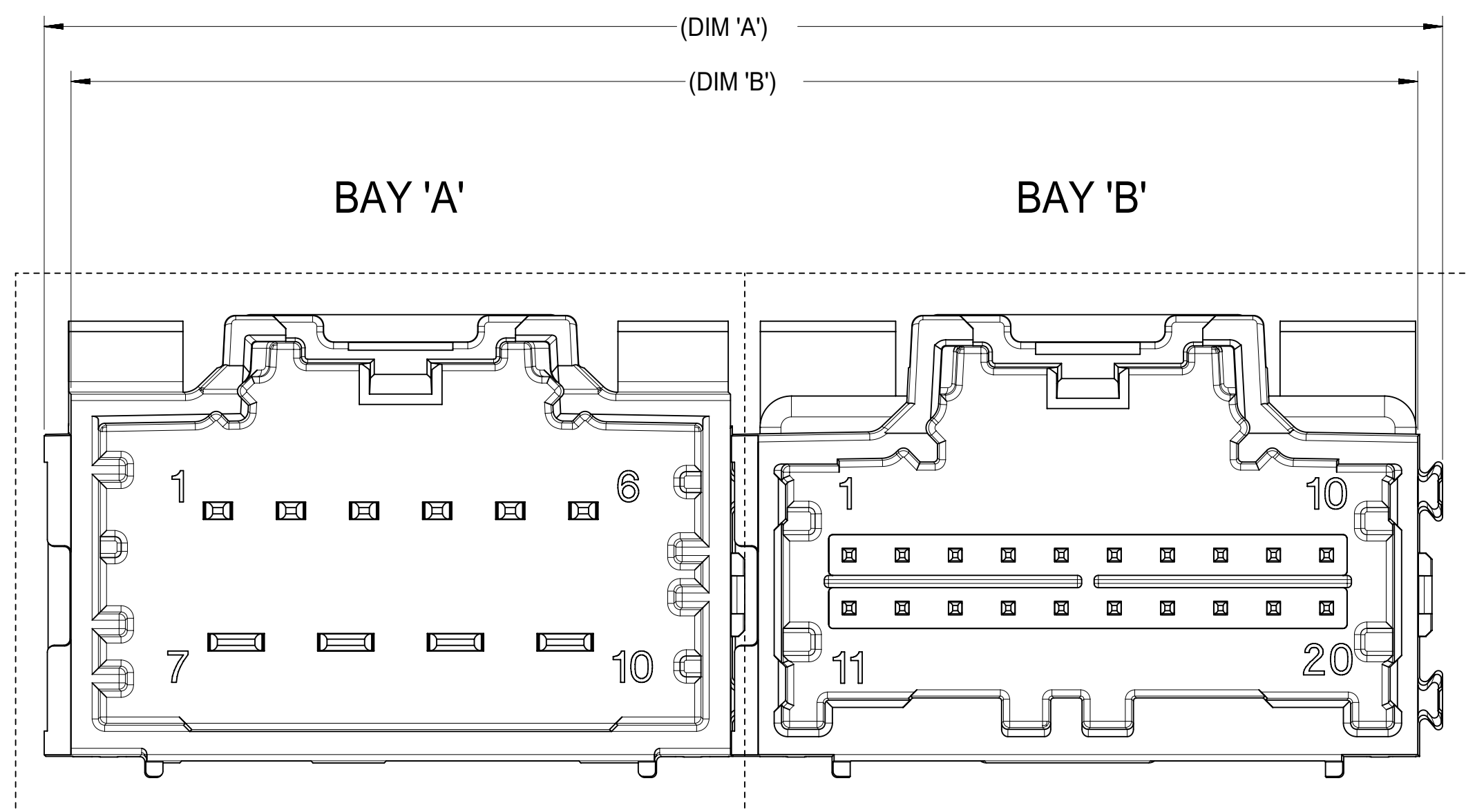
SINGLE BAY DRAWINGS:

8-20 CKT 0.64: SD-34690-100

10 CKT HYBRID: SD-34695-100

14 CKT HYBRID: SD-34772-200

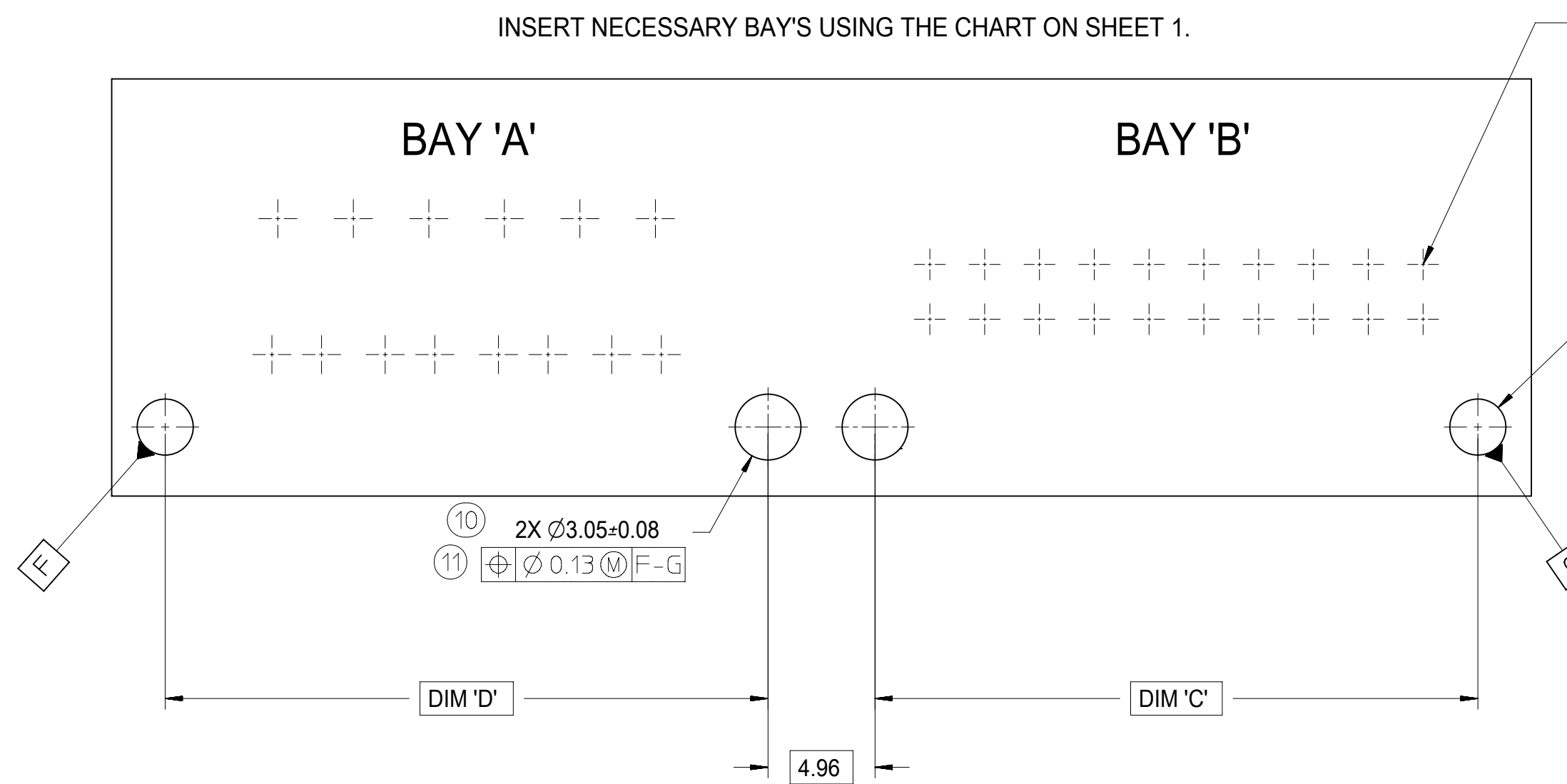
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>
	DIMENSION UNITS	SCALE			
▽ = 0	mm	4:1			2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING
▽ = 0	GENERAL TOLERANCES (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		
▽ = 0	2 PLACES	± 0.13	APPR: RBAUMAN 2019/02/23		
▽ = 0	1 PLACE	± 0.25	INITIAL REVISION:		
▽ = 0	0 PLACES	±	DRWN: MBAILEY 2008/08/14		
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU 2008/08/14		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		D-SIZE	34707	SEE TABLE	GENERAL MARKET
					SHEET NUMBER
					1 OF 4



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 TEMPLATE ON SHEET 4

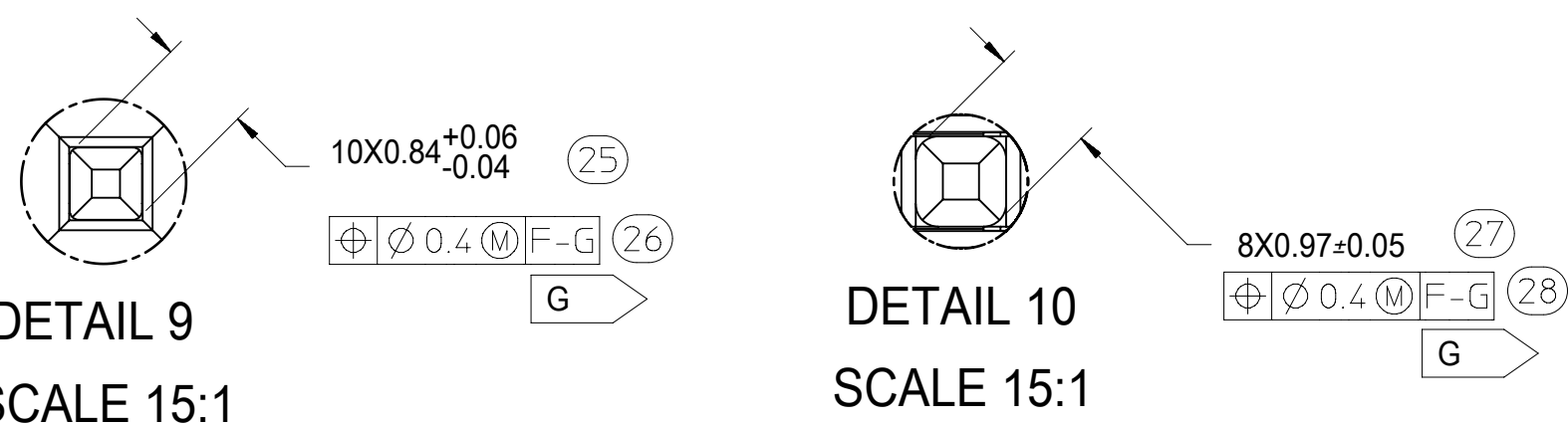
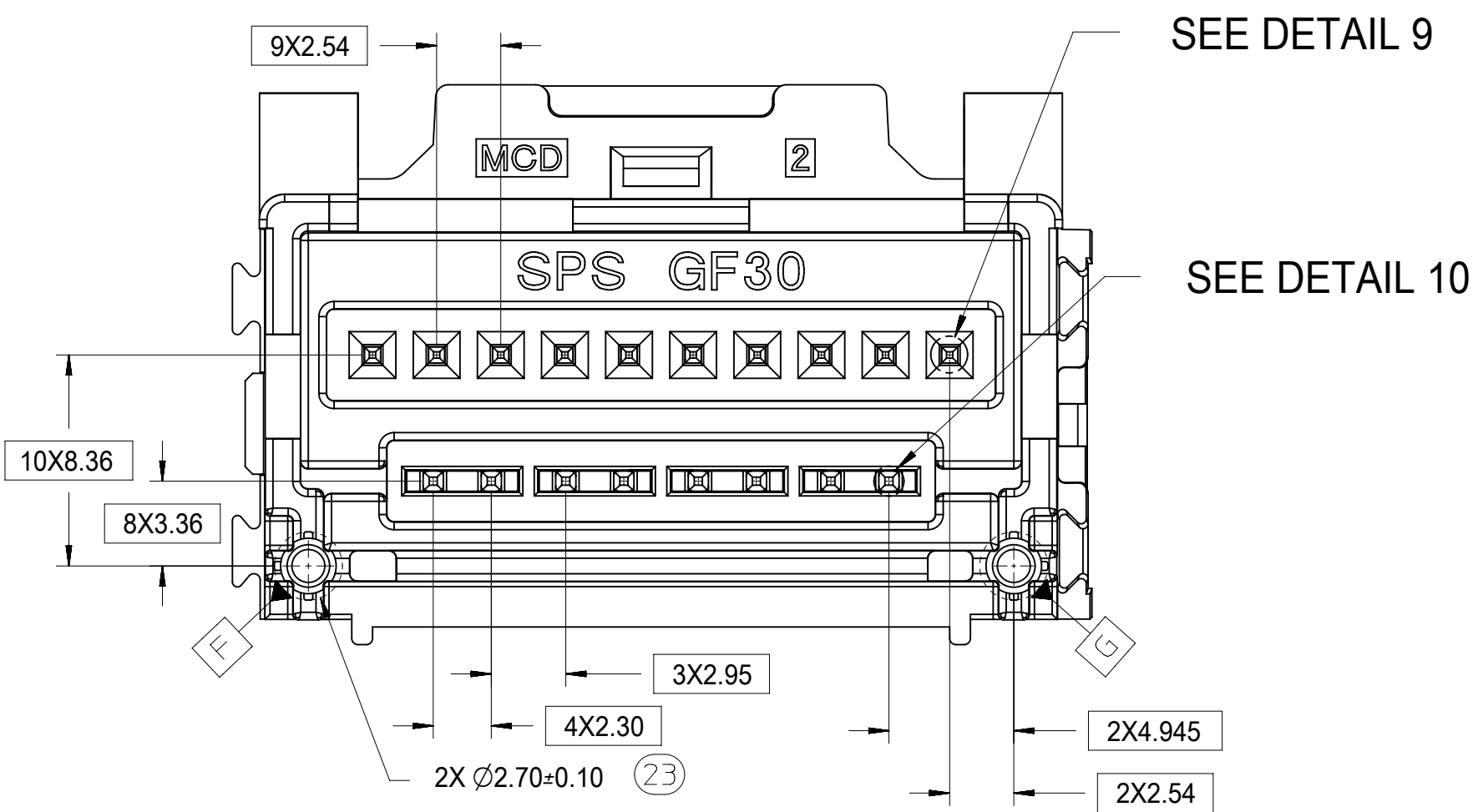
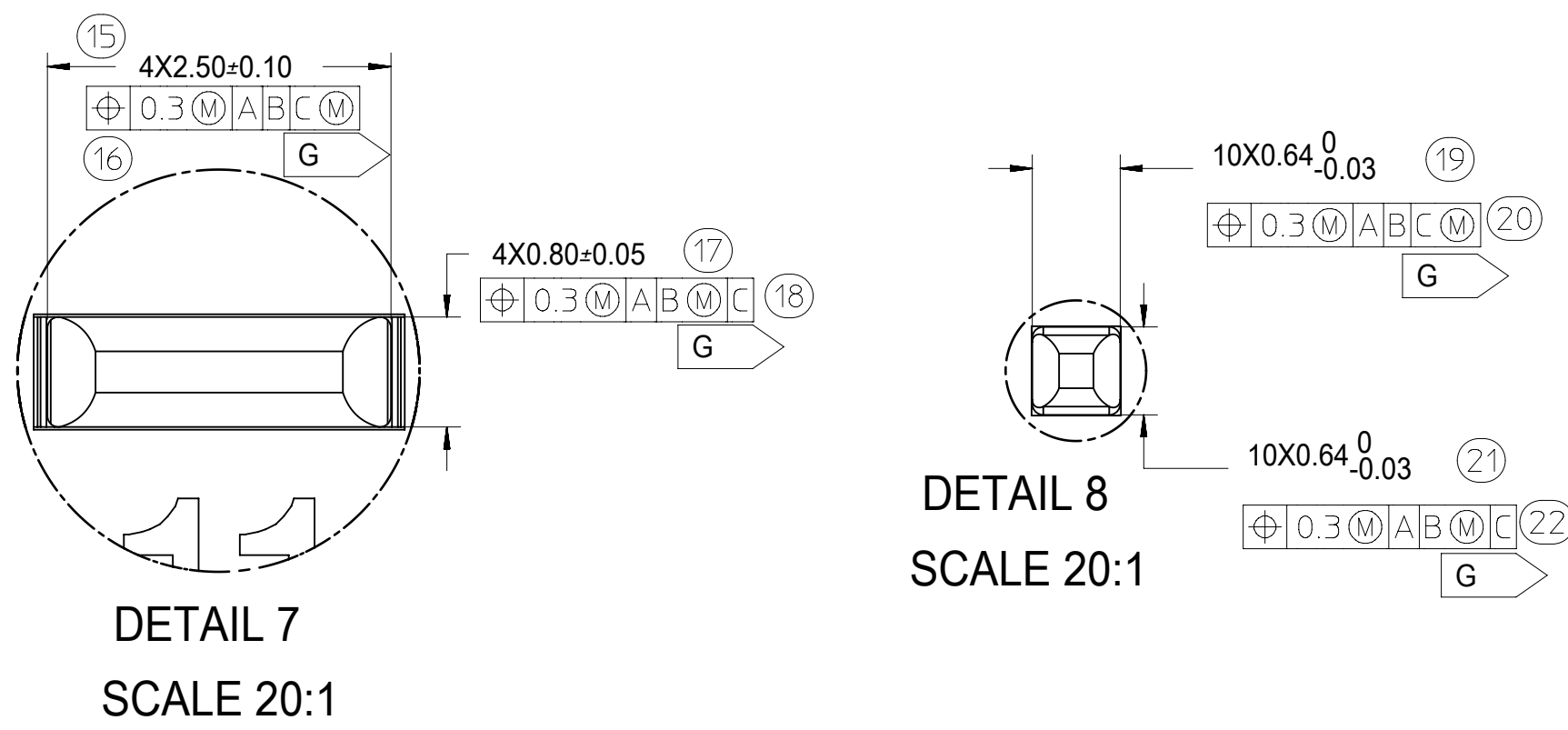
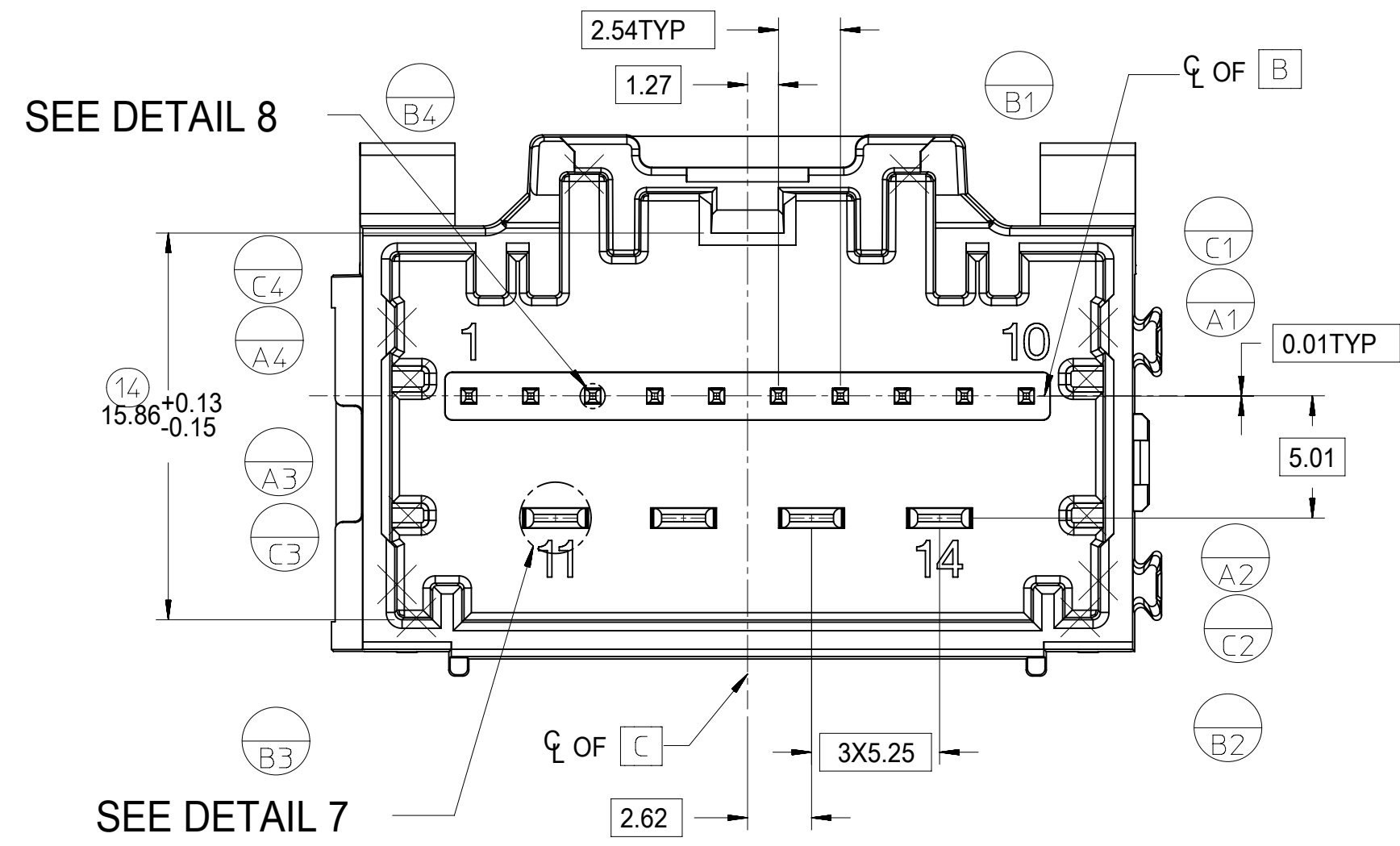
2X  $\phi Z=0.08$  (12)  
 $\phi \phi 0.13$  (13)

### POST HOLE TABLE:

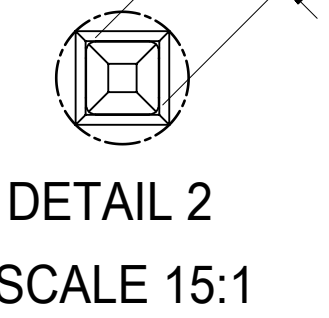
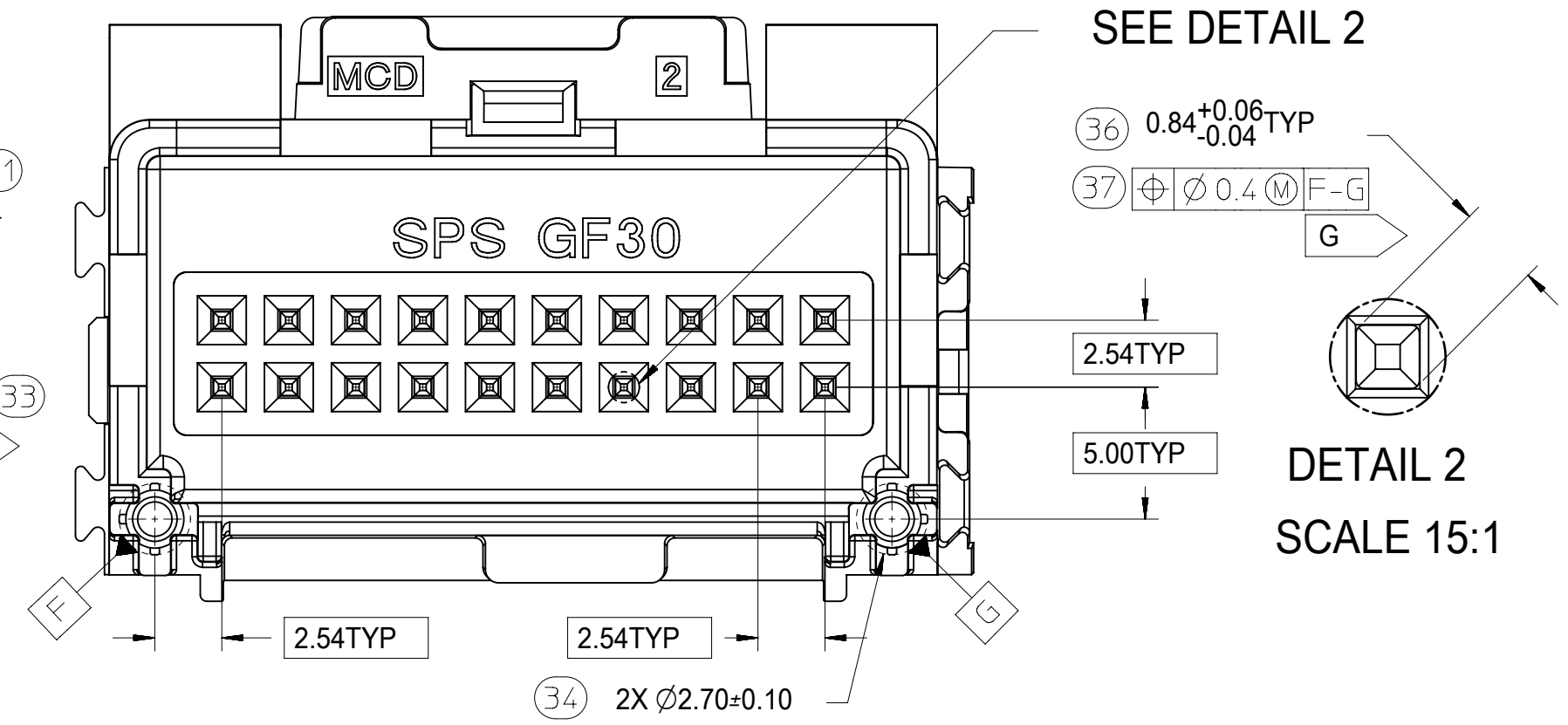
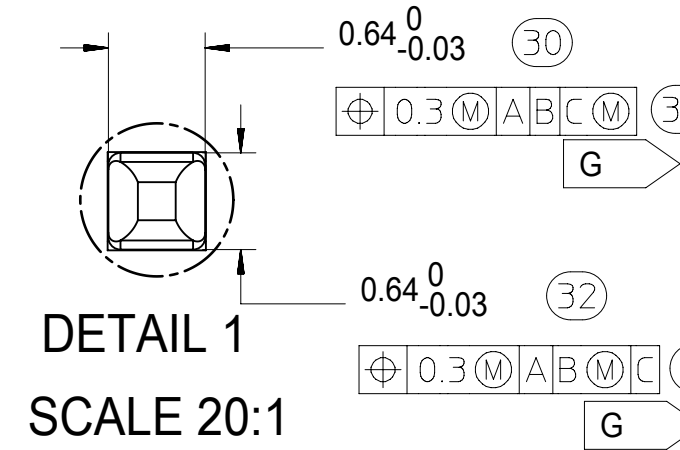
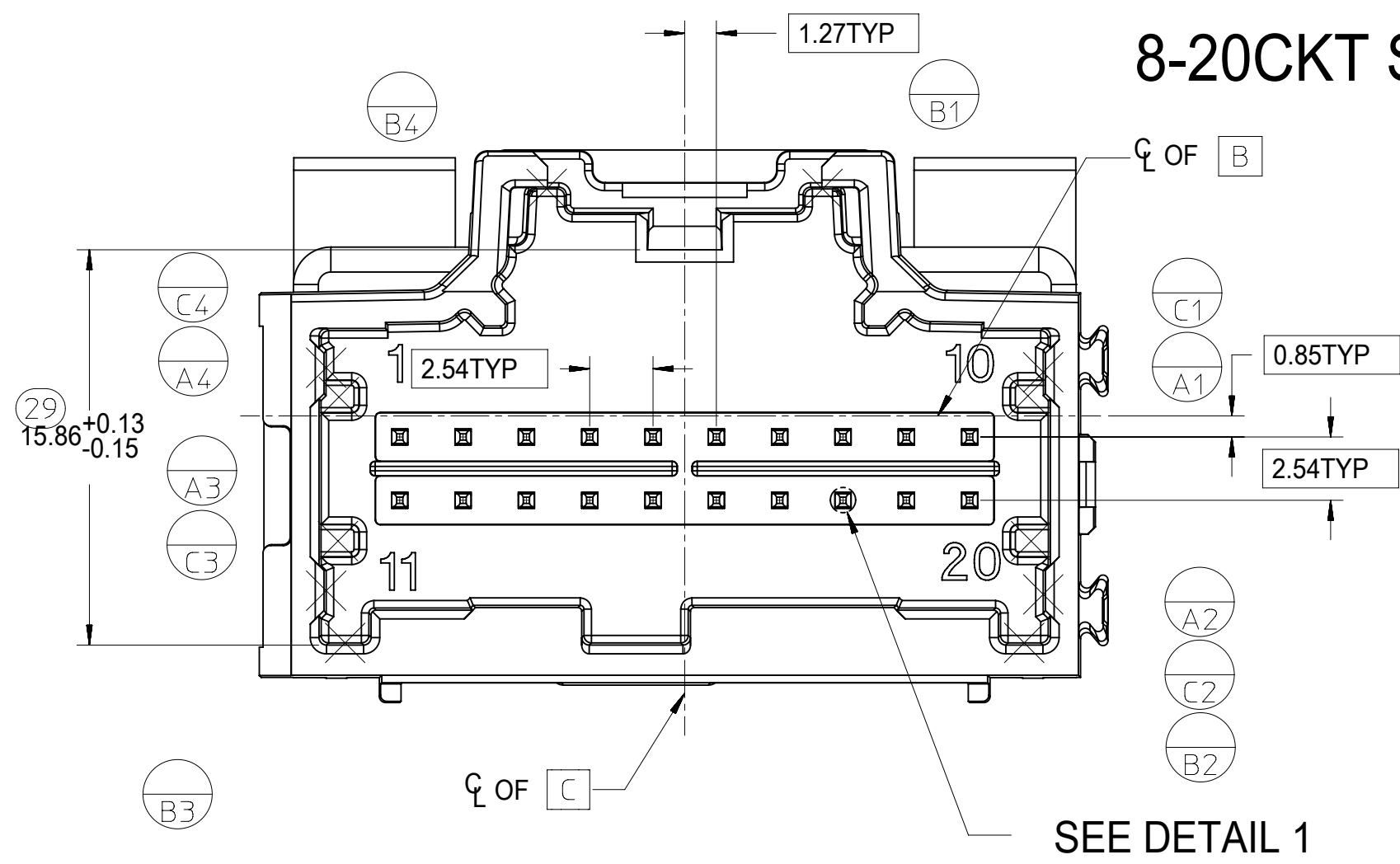
FOR DIM Z:	
PRESS FIT:	2.60
DROP IN:	3.05

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

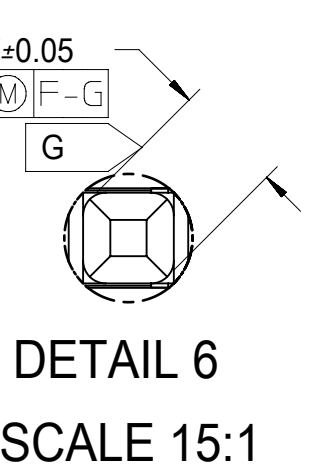
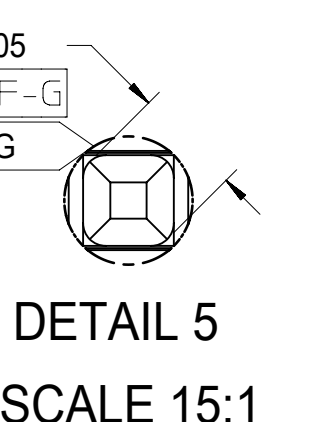
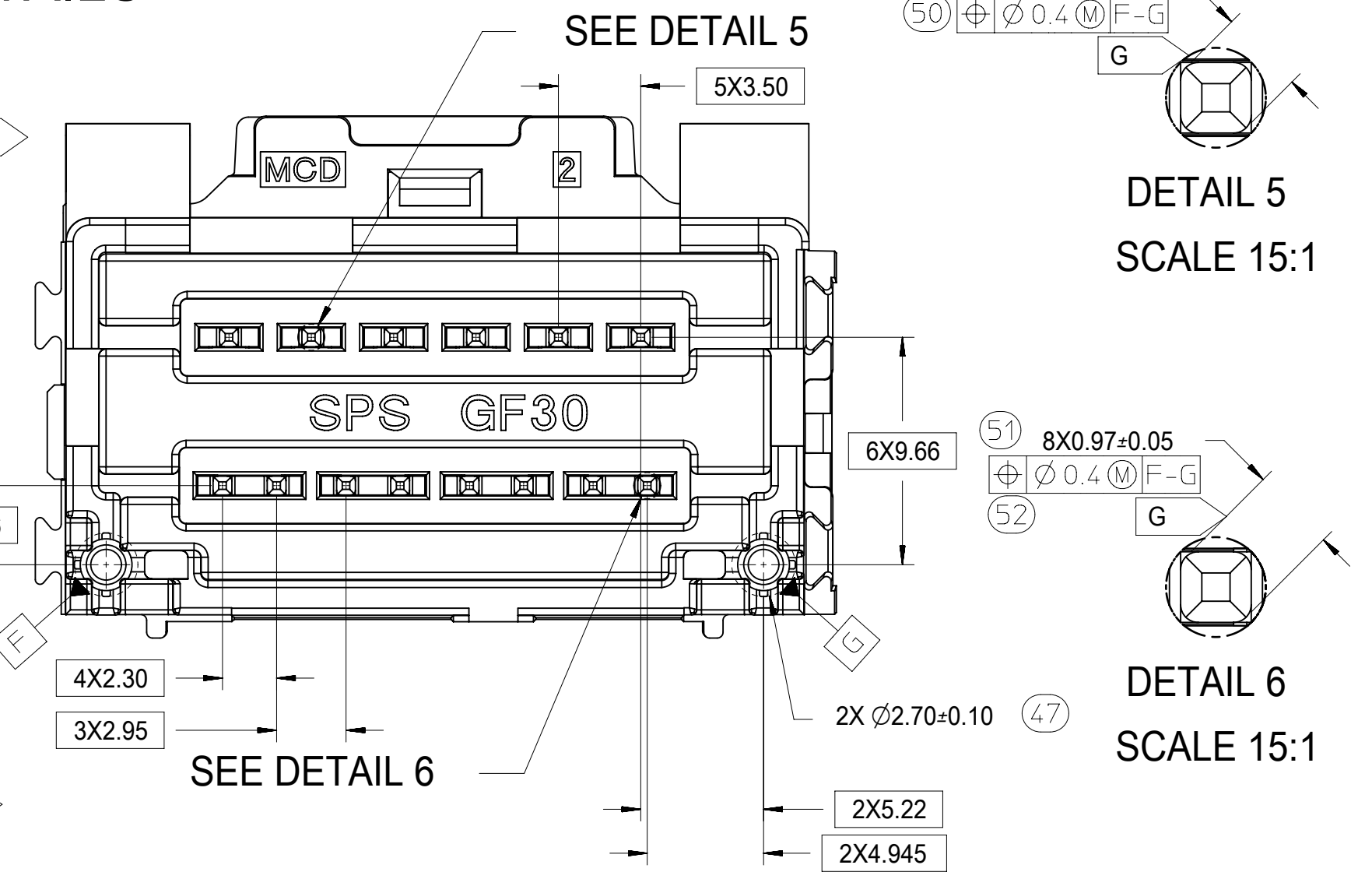
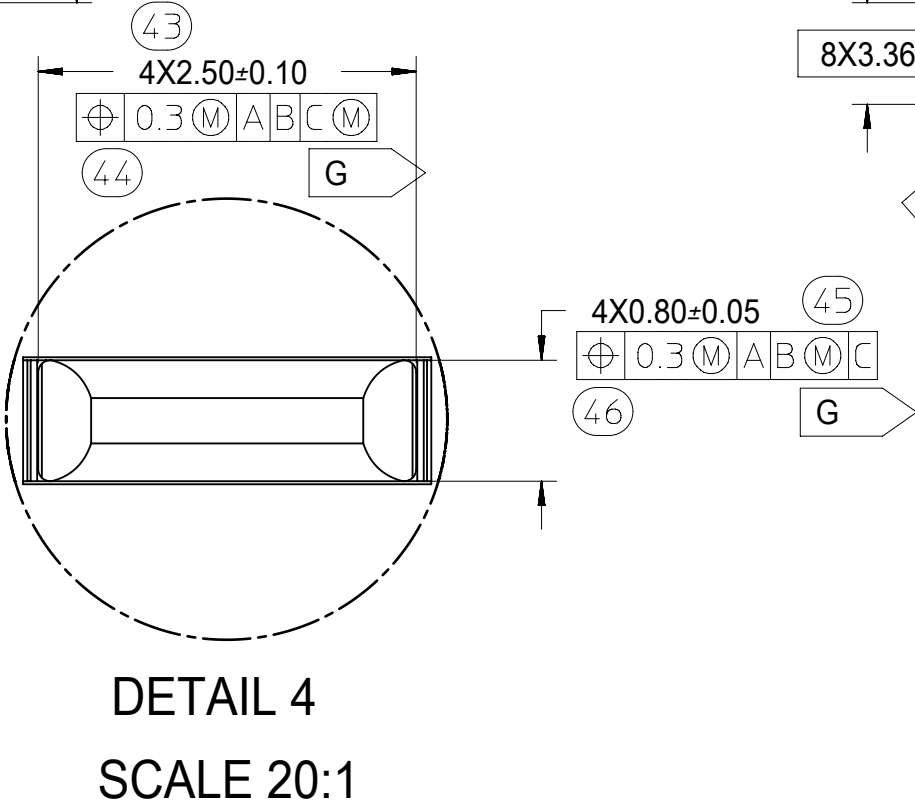
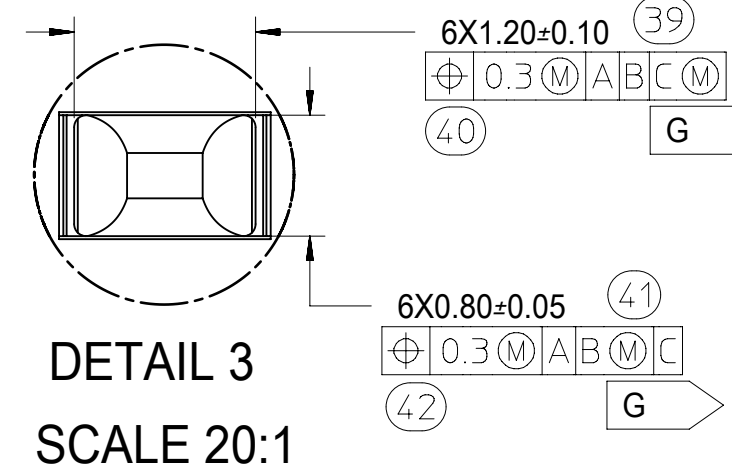
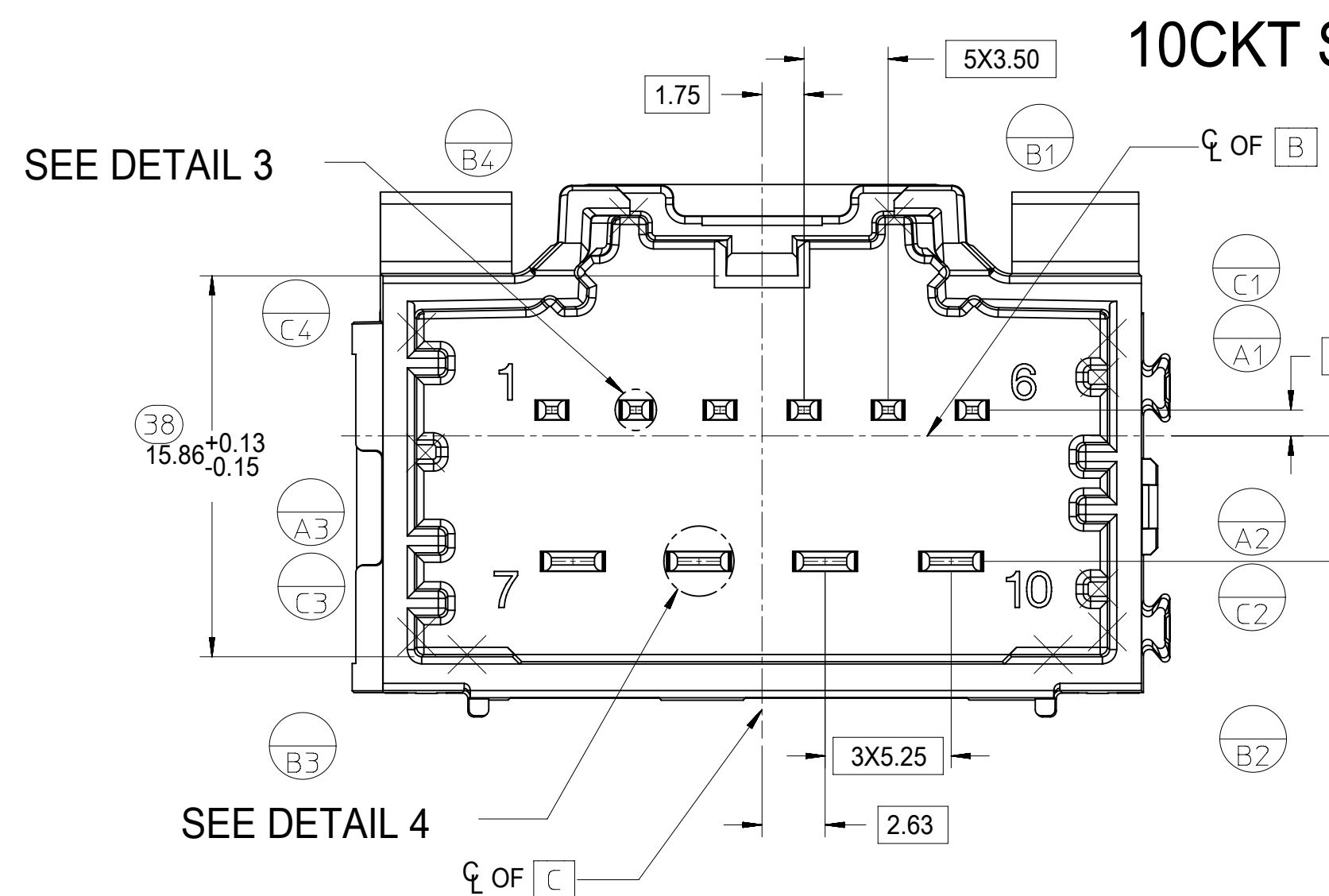
# 14CKT STAC HYBRID HEADER DETAILS



# 8-20CKT STAC 0.64mm HEADER DETAILS



# 10CKT STAC HYBRID HEADER DETAILS

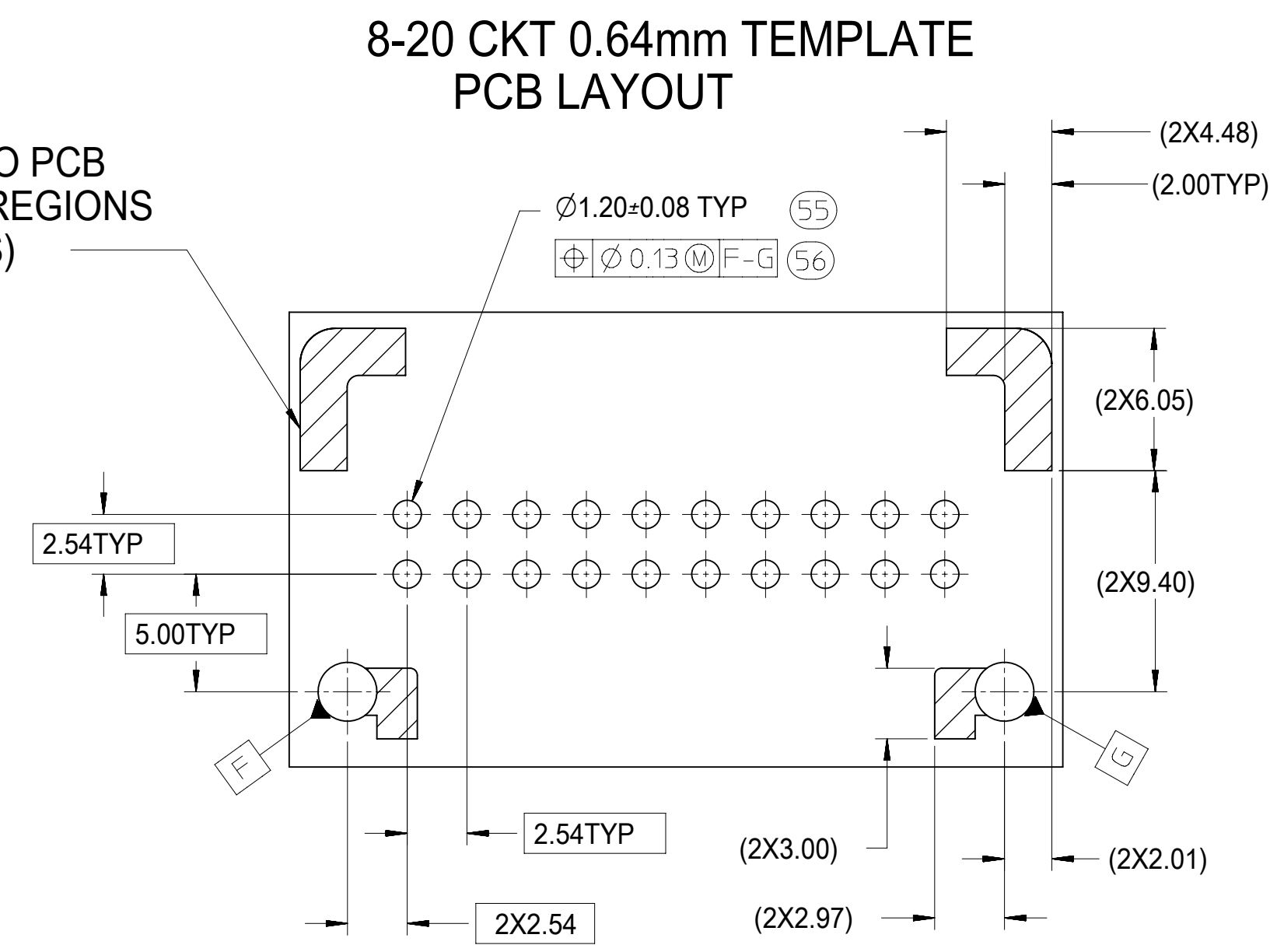
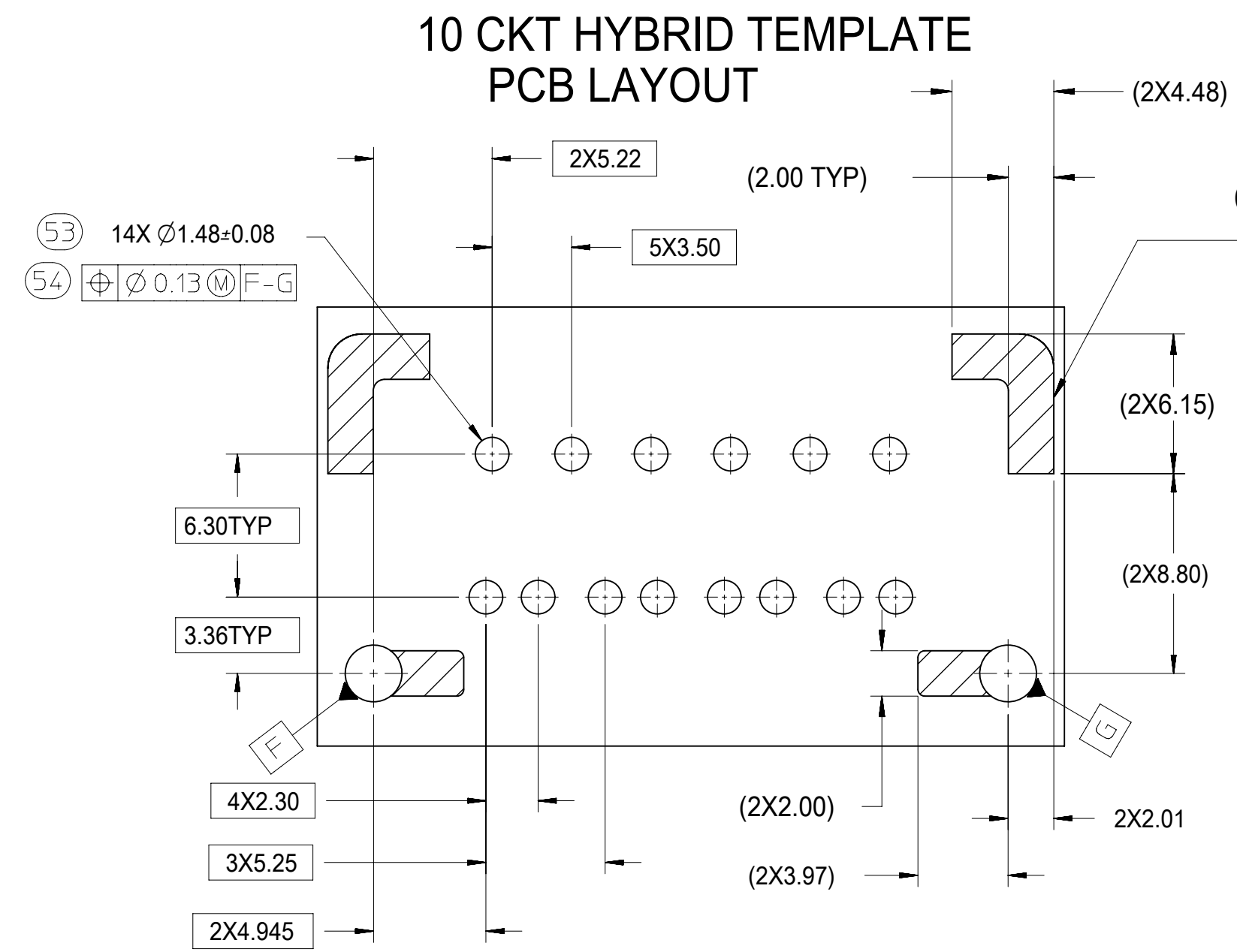


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
▽ = 0	mm	4:1	EC NO: 612618 DRWN: SHANDITHAVAL 2019/02/22 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23 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	DOCUMENT NUMBER: SD-34707-200 DOC TYPE: PSD DOC PART: 001 REVISION: K7
⊗ = 0	D-SIZE	SERIES: 34707	
⊗ = 0	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER: 3 OF 4
⊗ = 0	SEE TABLE	GENERAL MARKET	



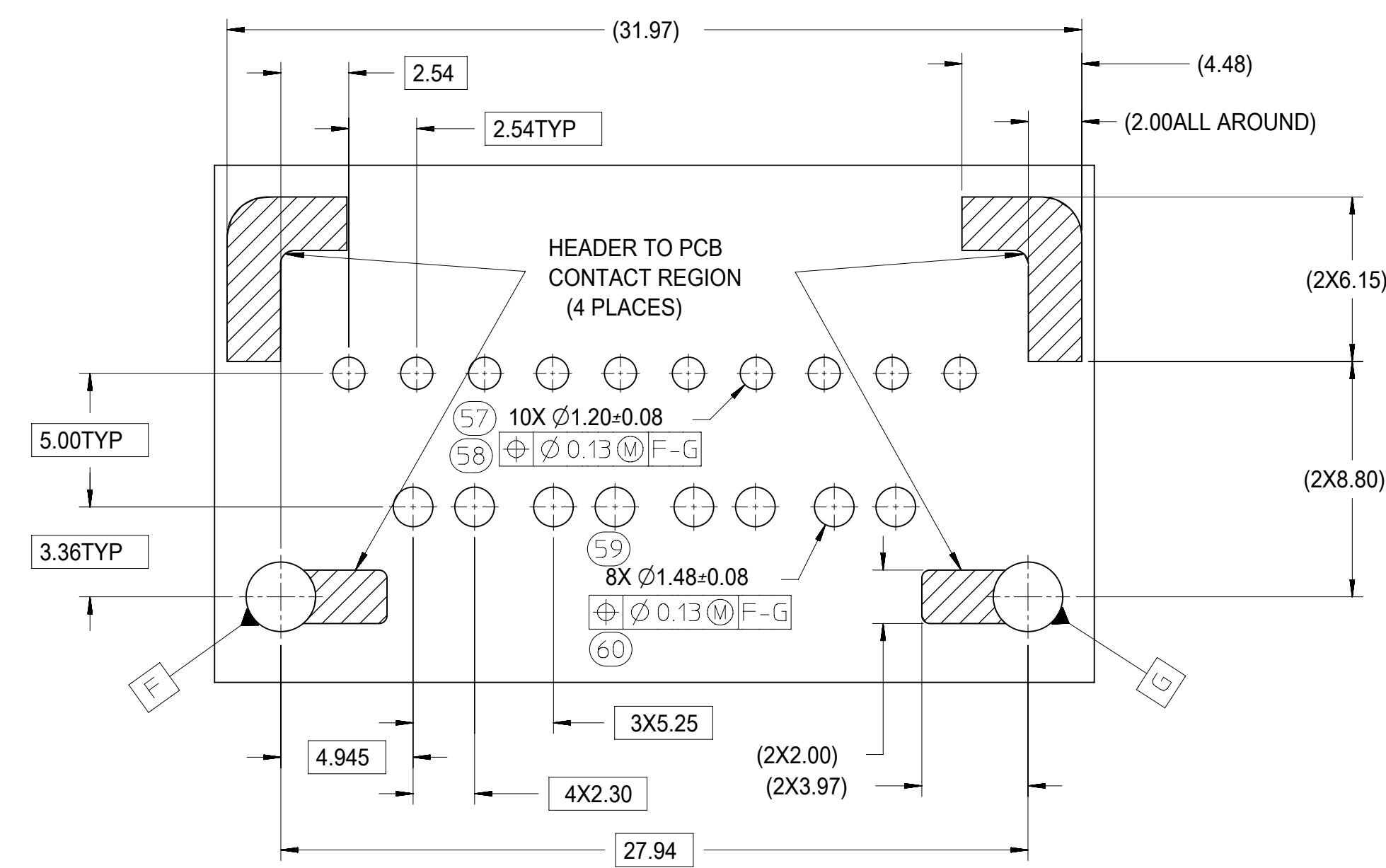
2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING



HEADER TO PCB CONTACT REGIONS (8 PLACES)

### 14 CKT HYBRID TEMPLATE PCB LAYOUT

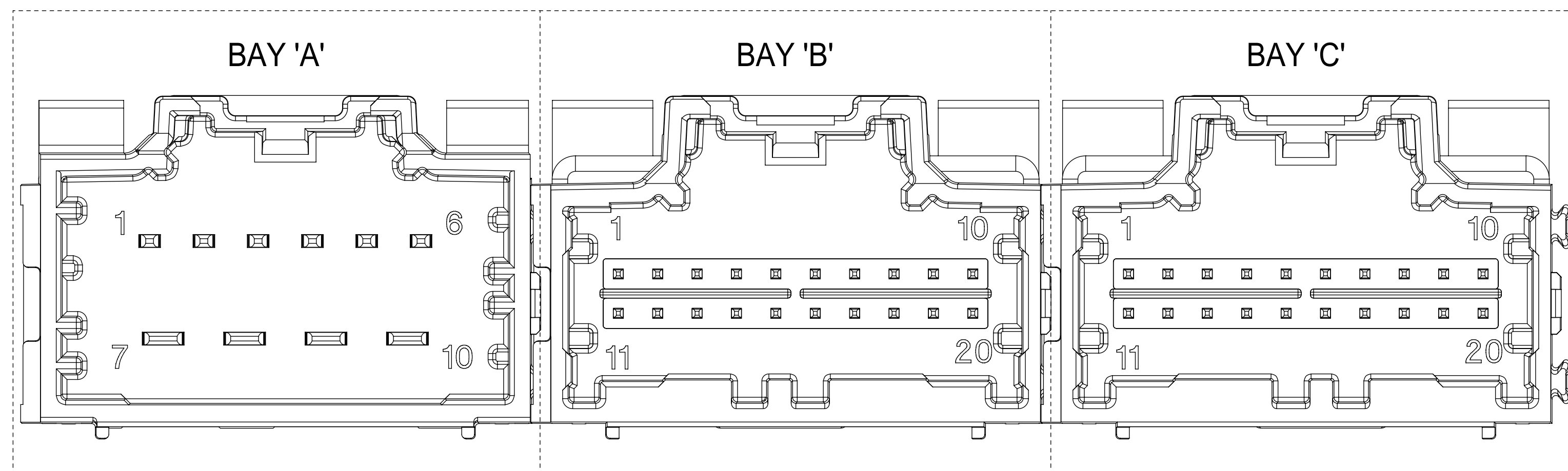


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:				
	DIMENSION UNITS	SCALE					
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▽ = 0	3 PLACES ±		2 PLACES ± 0.13	INITIAL REVISION:	DRWN: MBAILEY 2008/08/14	DOC TYPE	DOC PART
▽ = 0	2 PLACES ± 0.25		1 PLACE ±	DRWN: MBAILEY 2008/08/14	SD-34707-200	PSD	001
▽ = 0	0 PLACES ±		0 PLACES ±	APPR: SMARCEAU 2008/08/14	K7	REVISION	
⊠ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
■ = 0			THIRD ANGLE PROJECTION	D-SIZE	34707	SEE TABLE	GENERAL MARKET
▽ = 0						SHEET NUMBER	4 OF 4

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

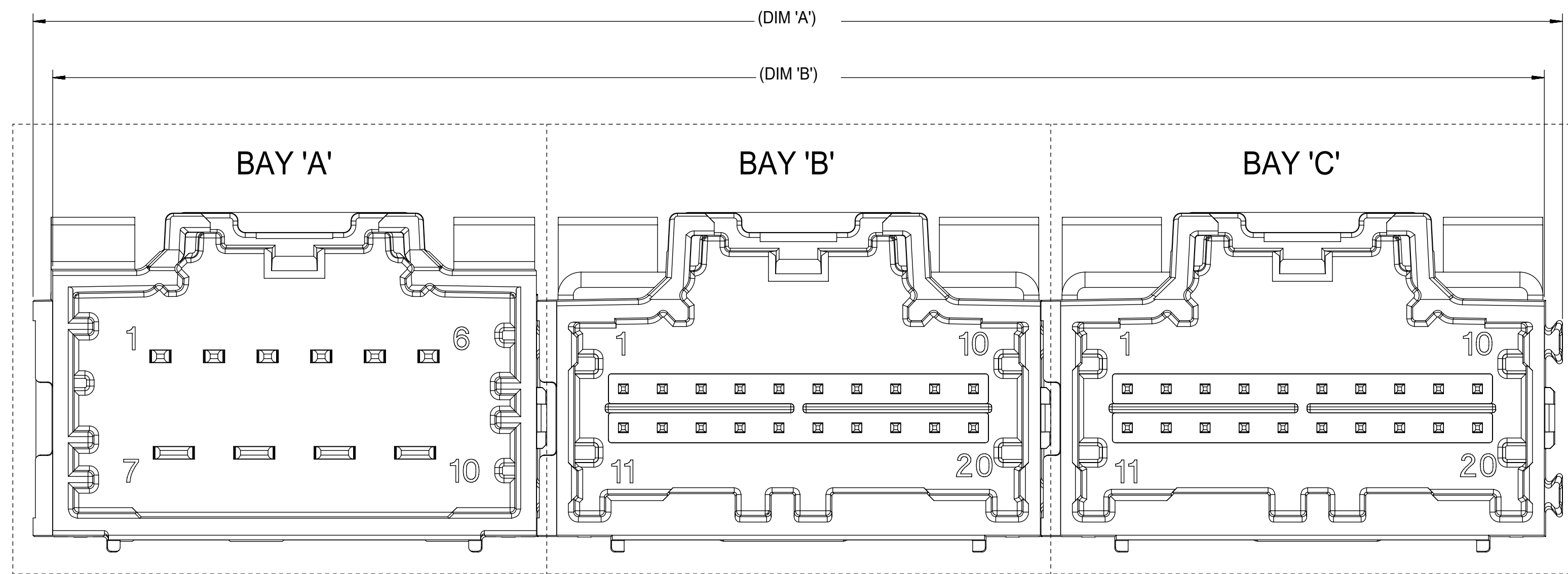
b. OVERPLATING - OVERALL TIN

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

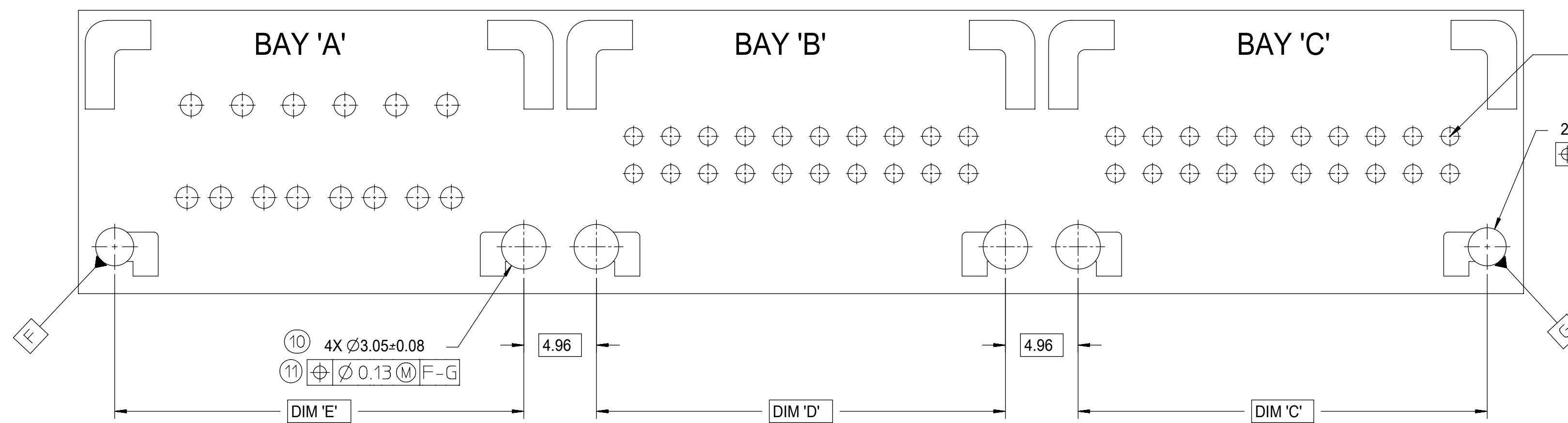
SINGLE BAY DRAWINGS:  
8-20 CKT 0.64: SD-34690-100  
10 CKT HYBRID: SD-34695-100  
14 CKT HYBRID: SD-34772-200

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

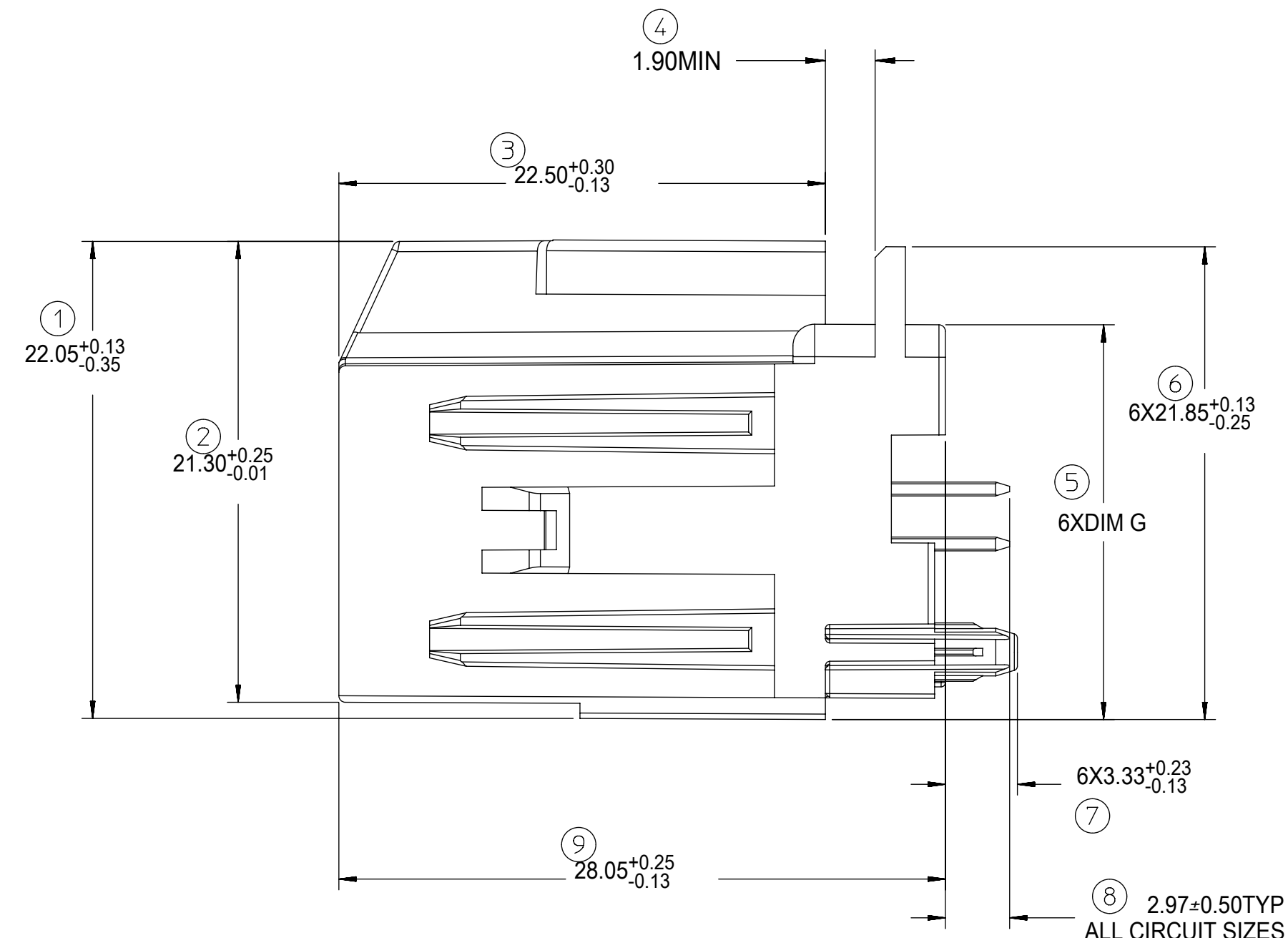


2X ØZ=0.08  
 Ø 0.13 (M) F

FOR PIN LOCATION,  
 REFER TO TEMPLATES ON SHEET 4

POST HOLE TABLE:

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

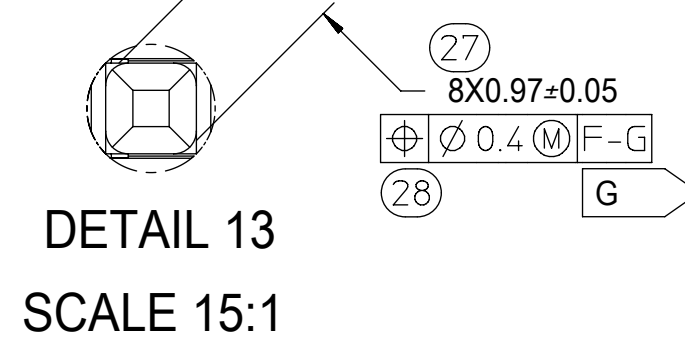
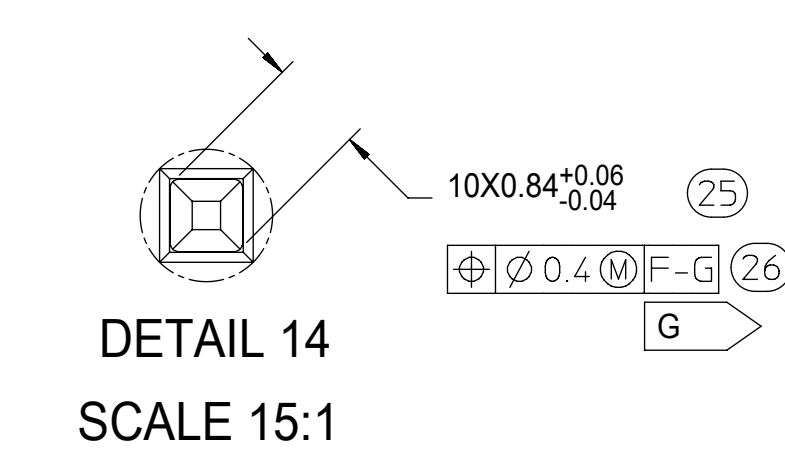
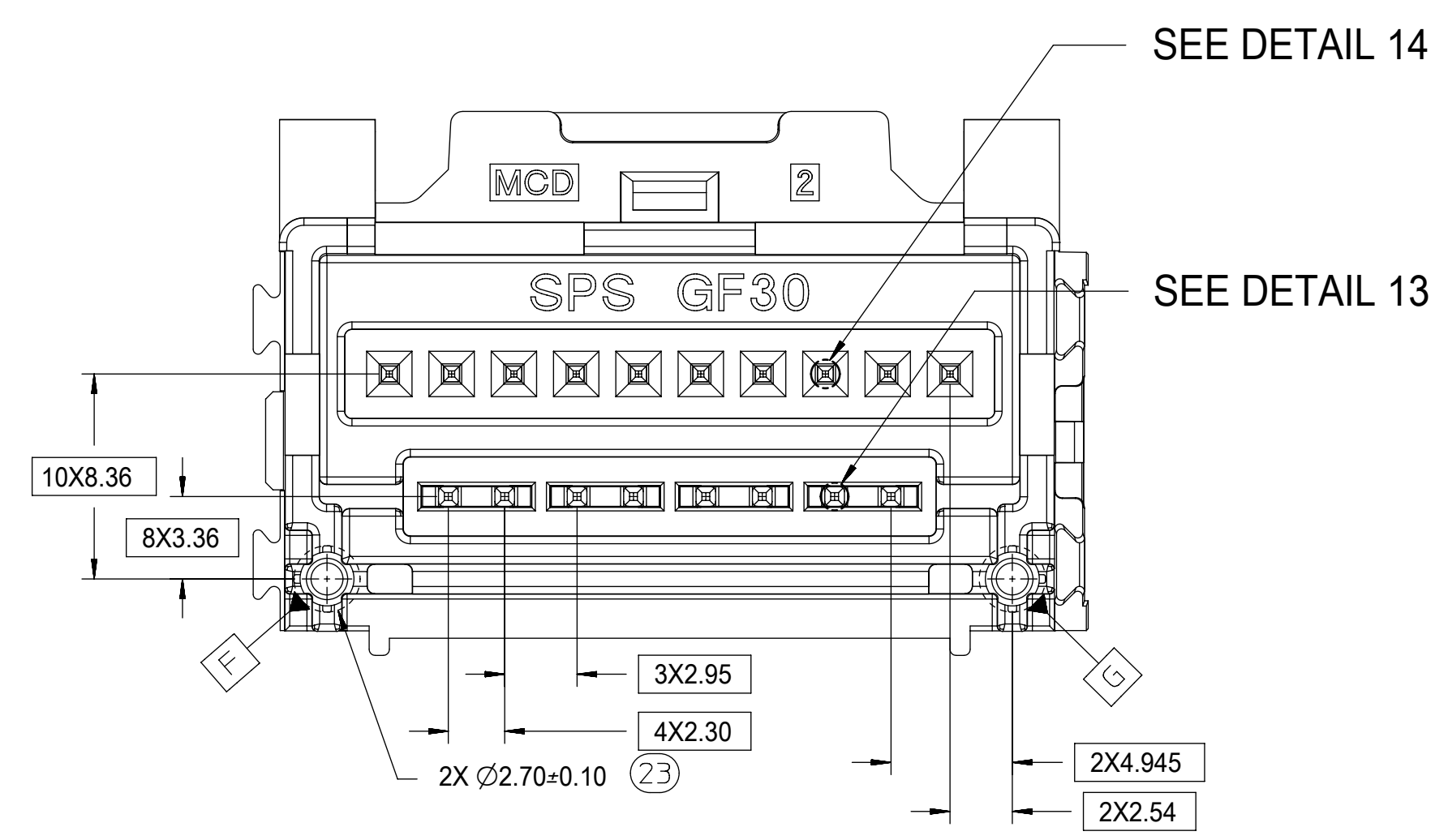
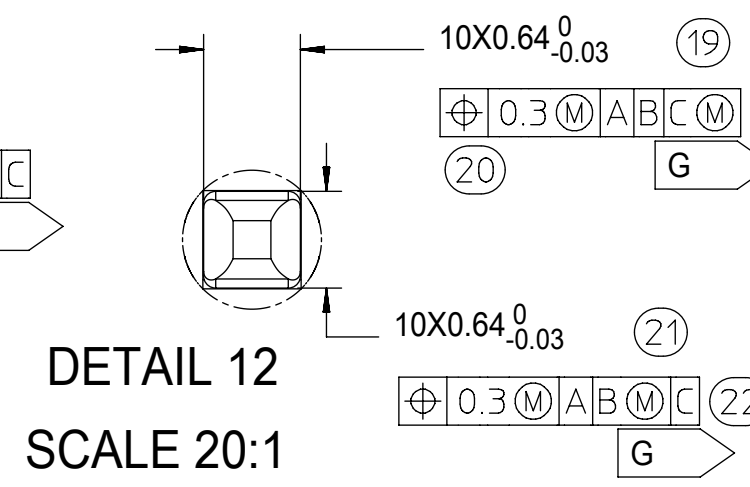
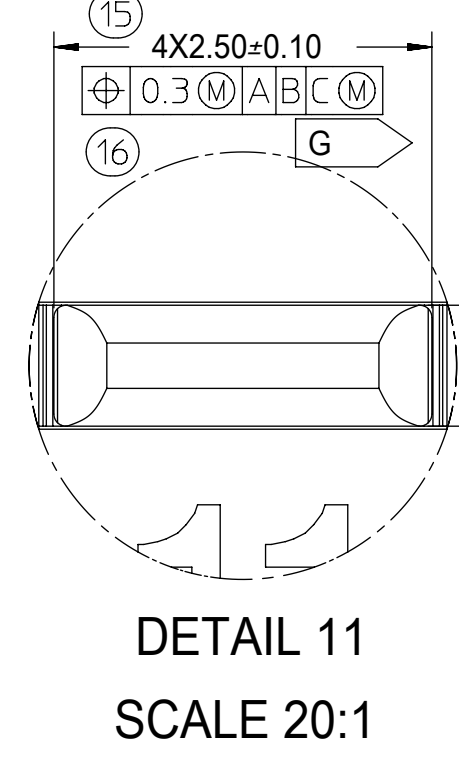
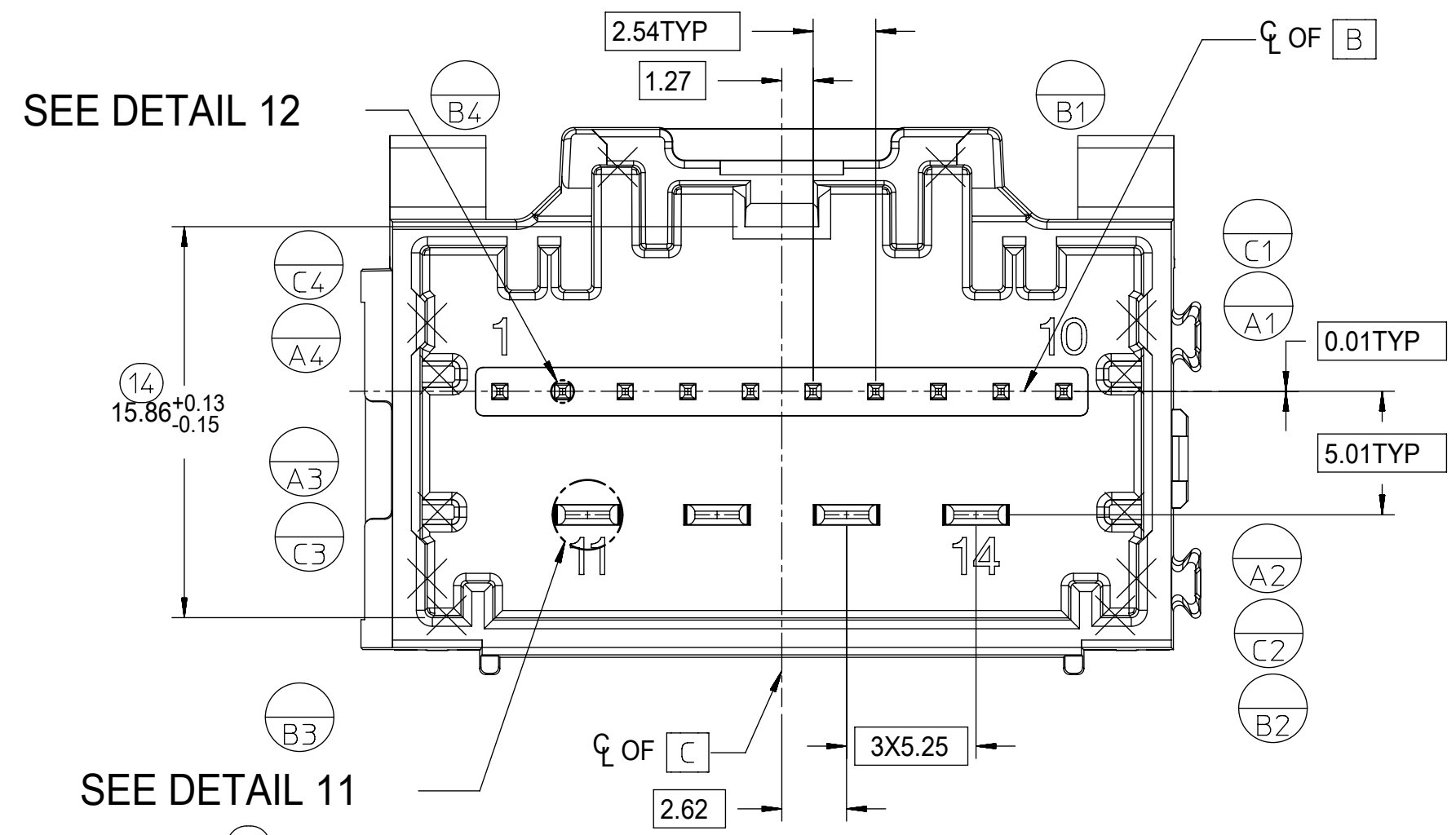


FOR DIM G:

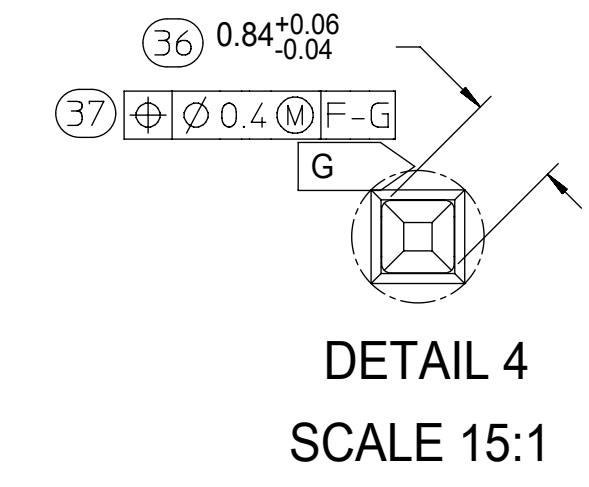
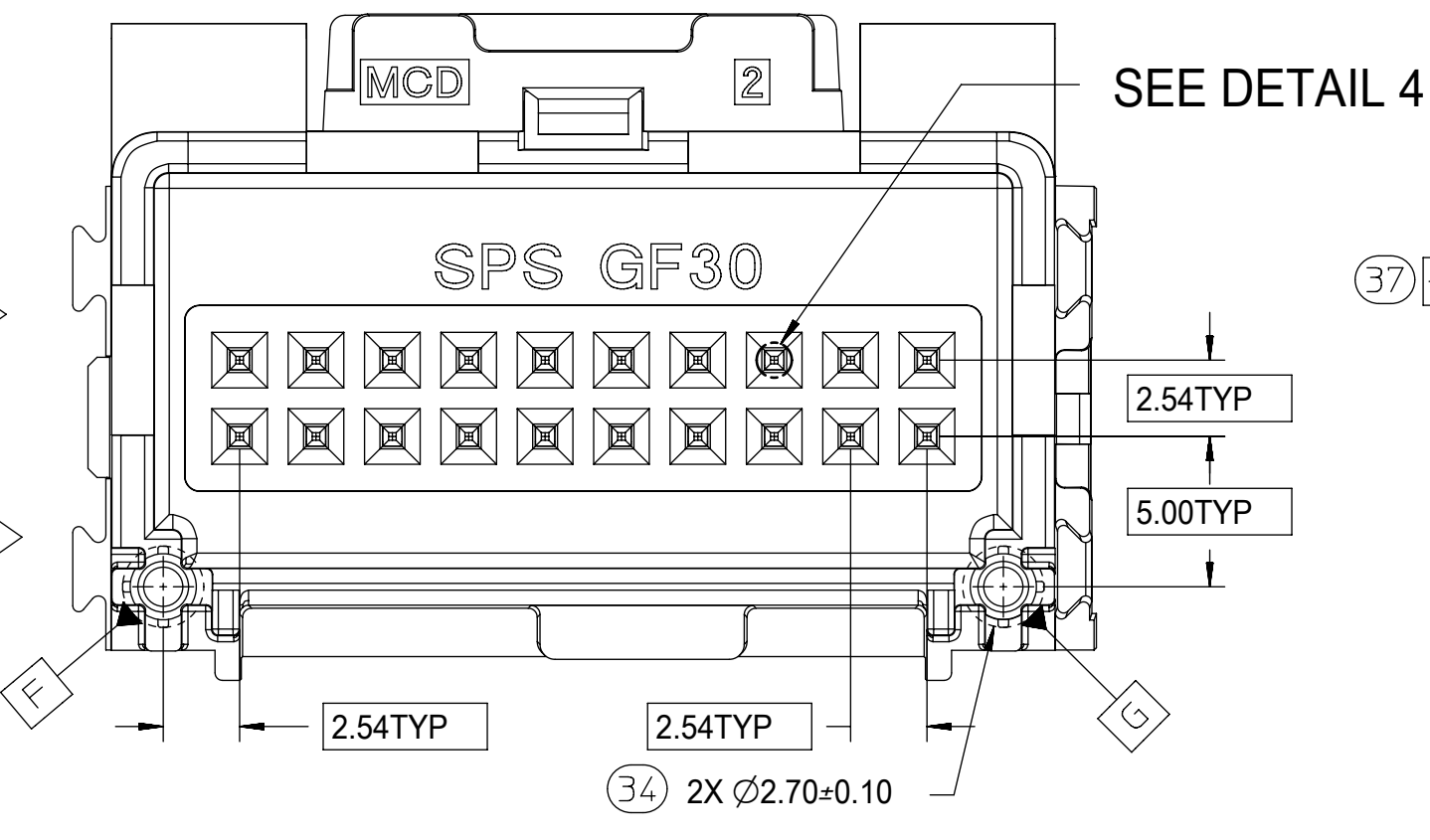
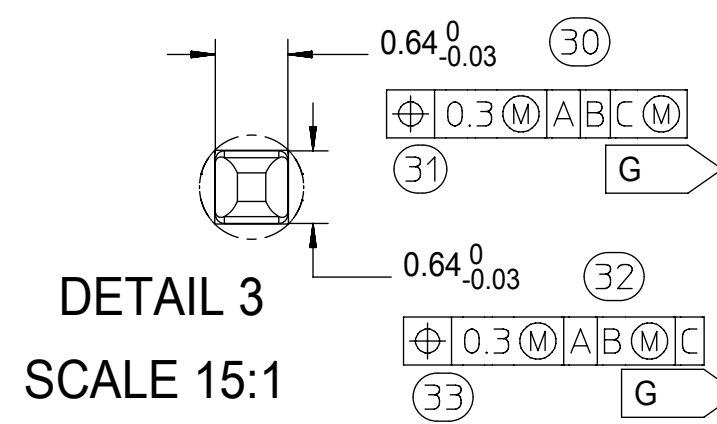
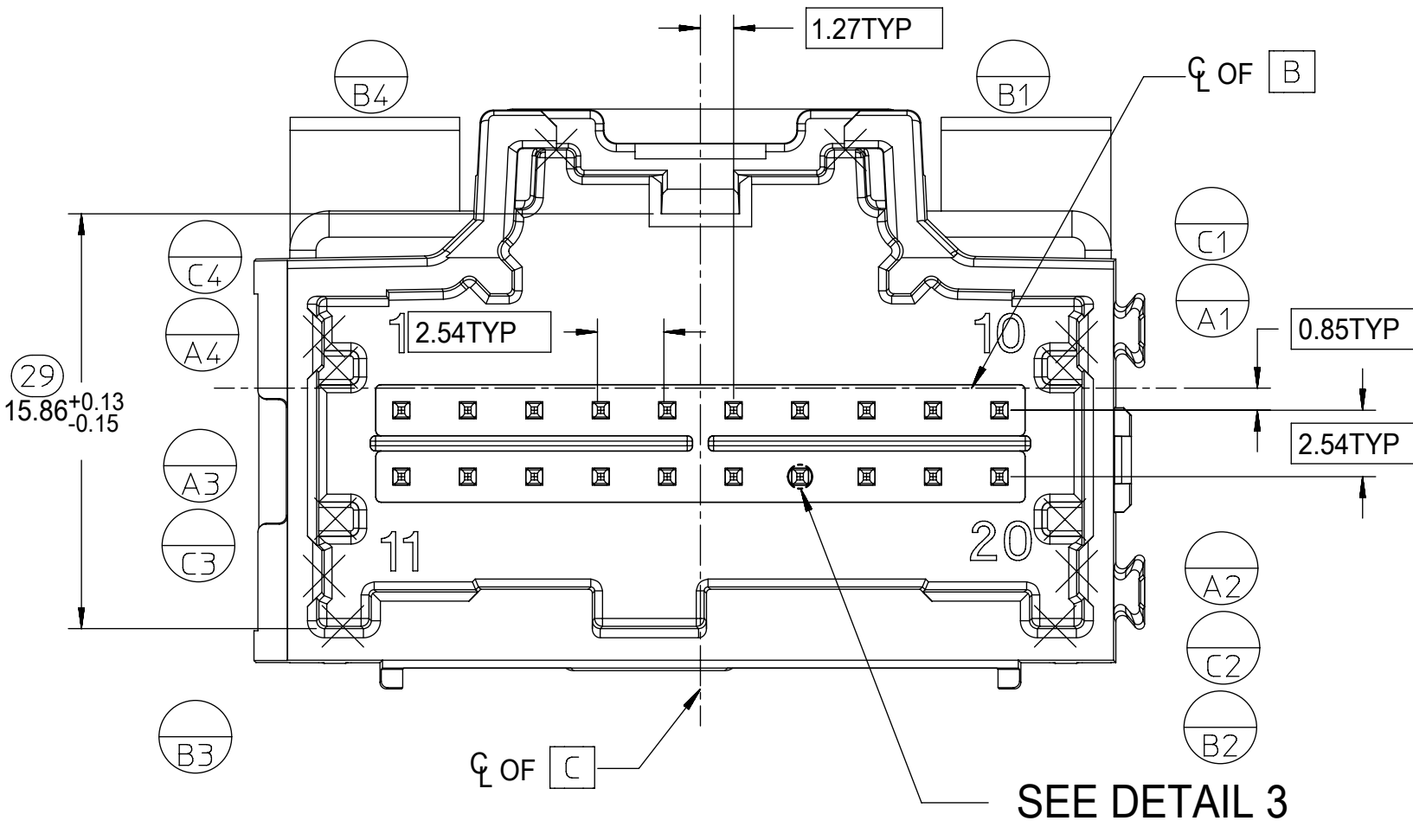
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

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	<b>molex</b> 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

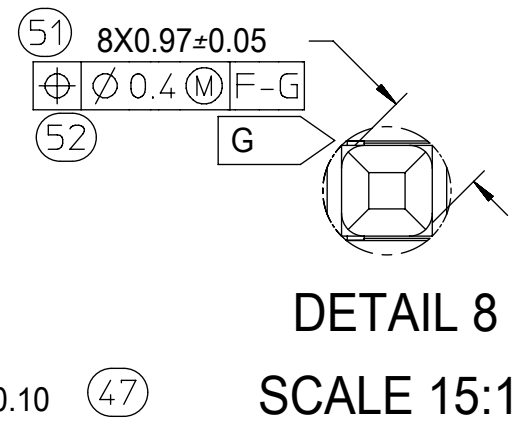
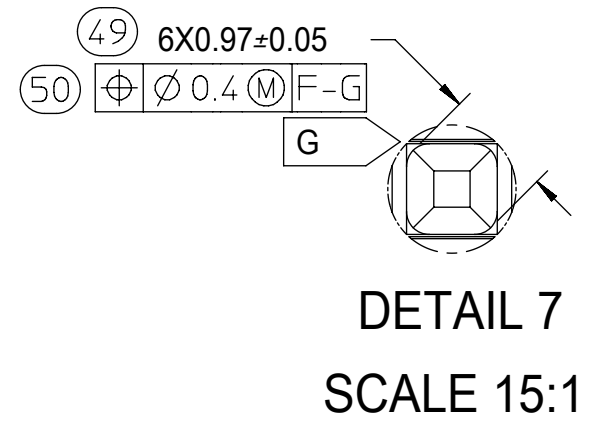
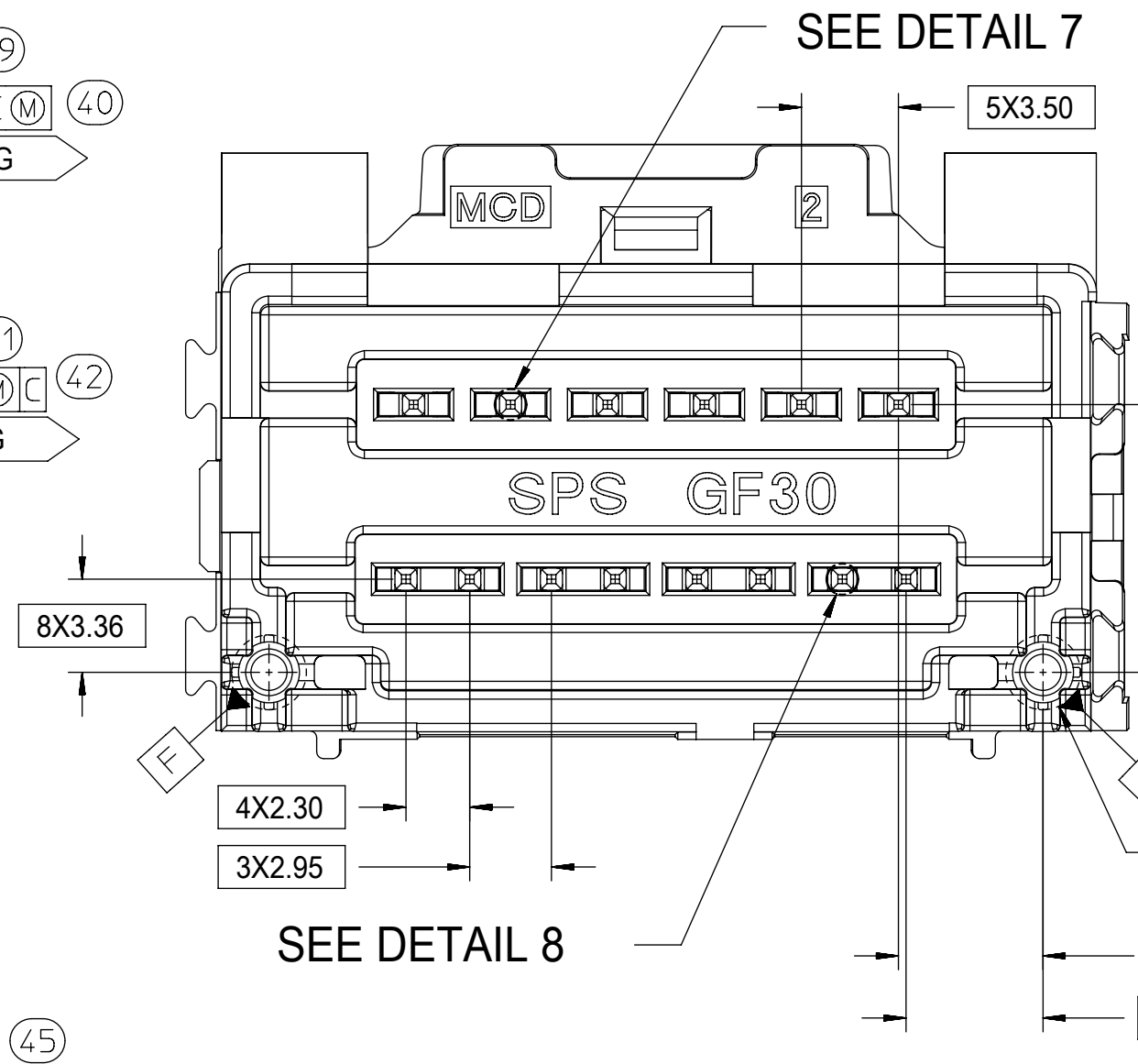
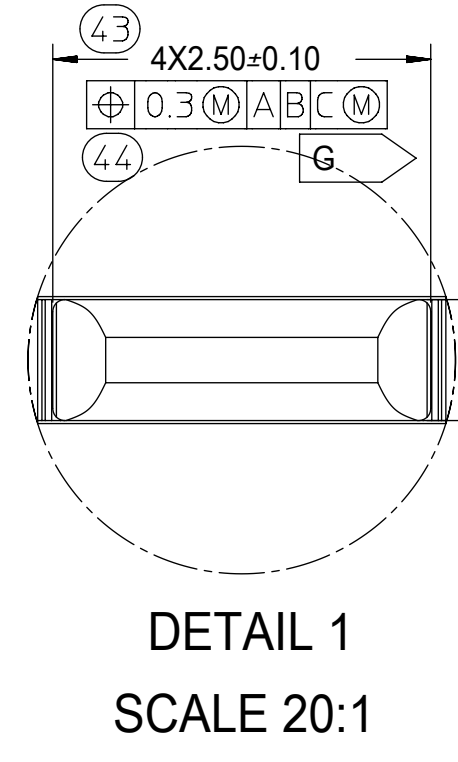
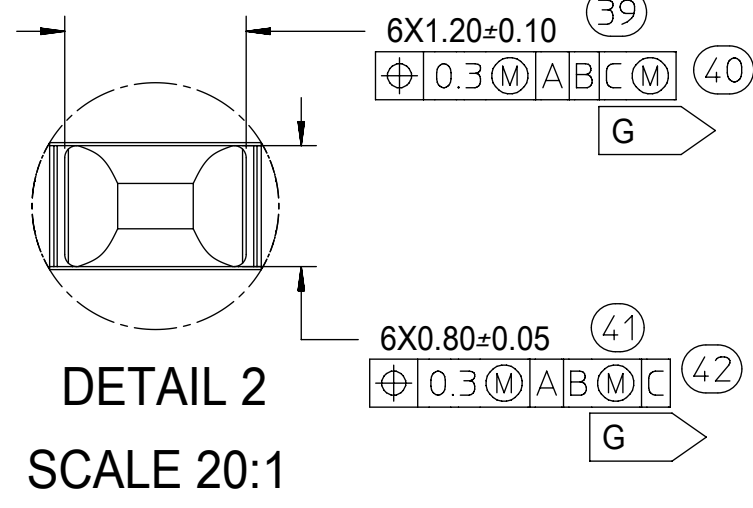
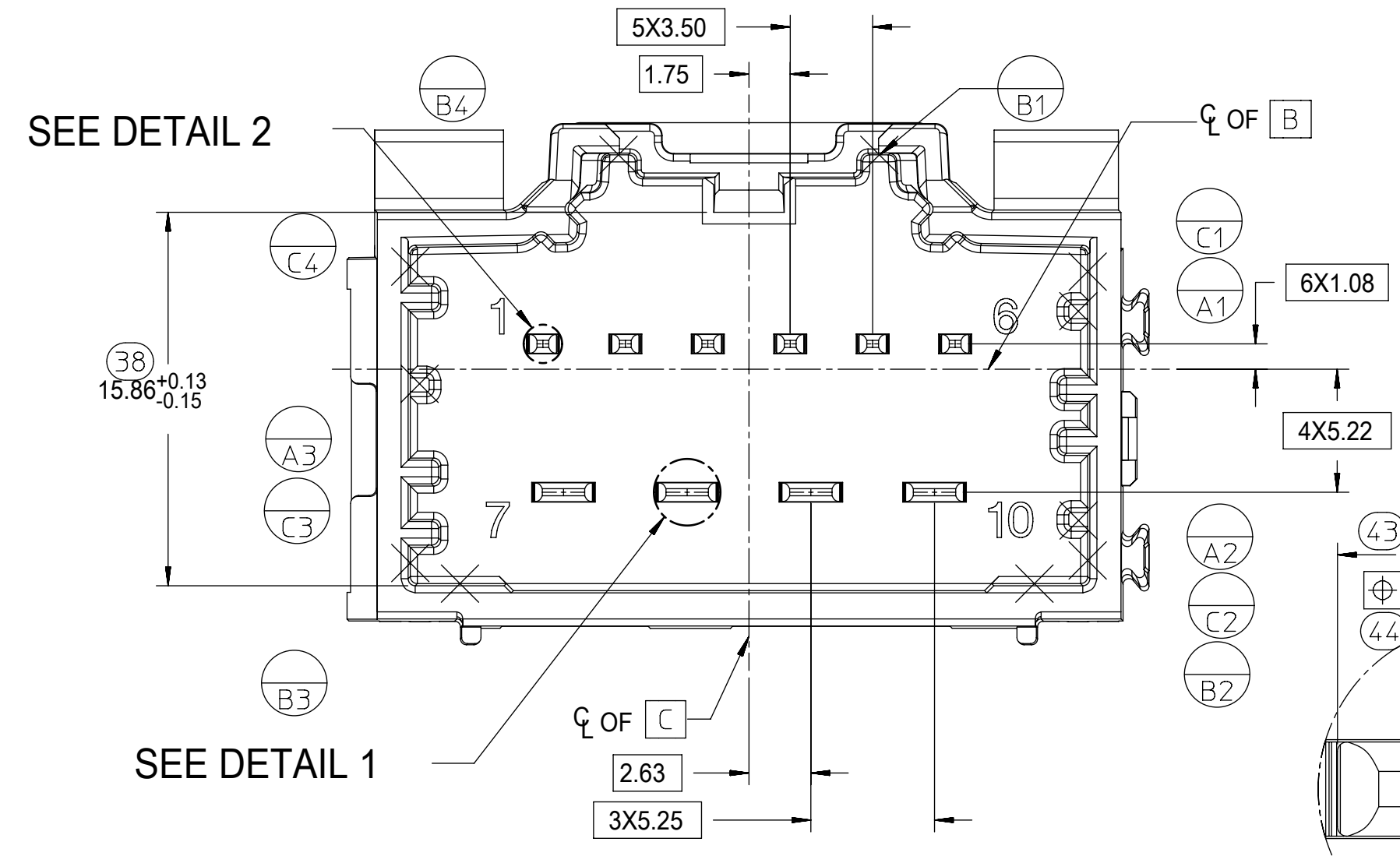
14CKT STAC HYBRID HEADER DETAILS



8-20CKT STAC 0.64mm HEADER DETAILS



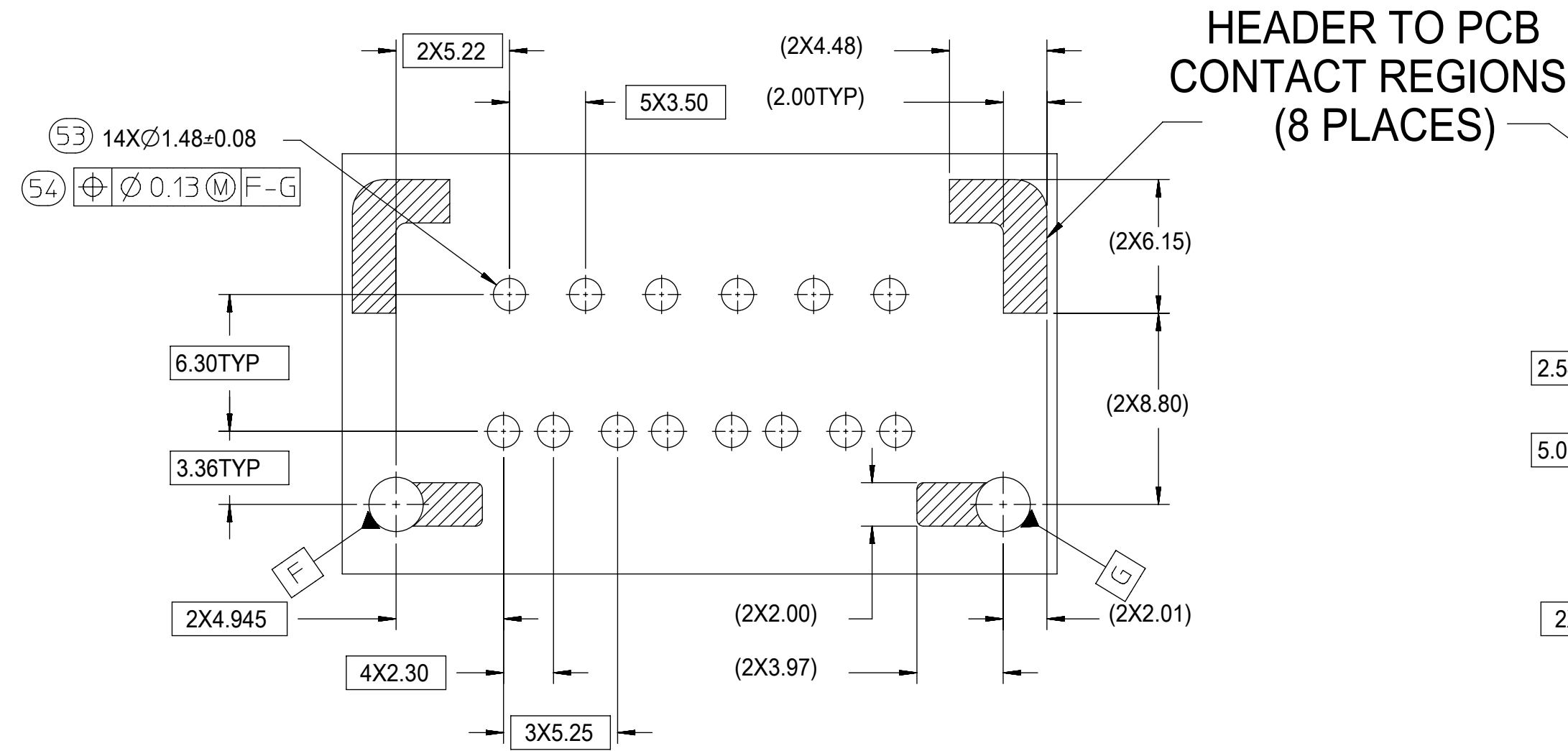
10CKT STAC HYBRID HEADER DETAILS



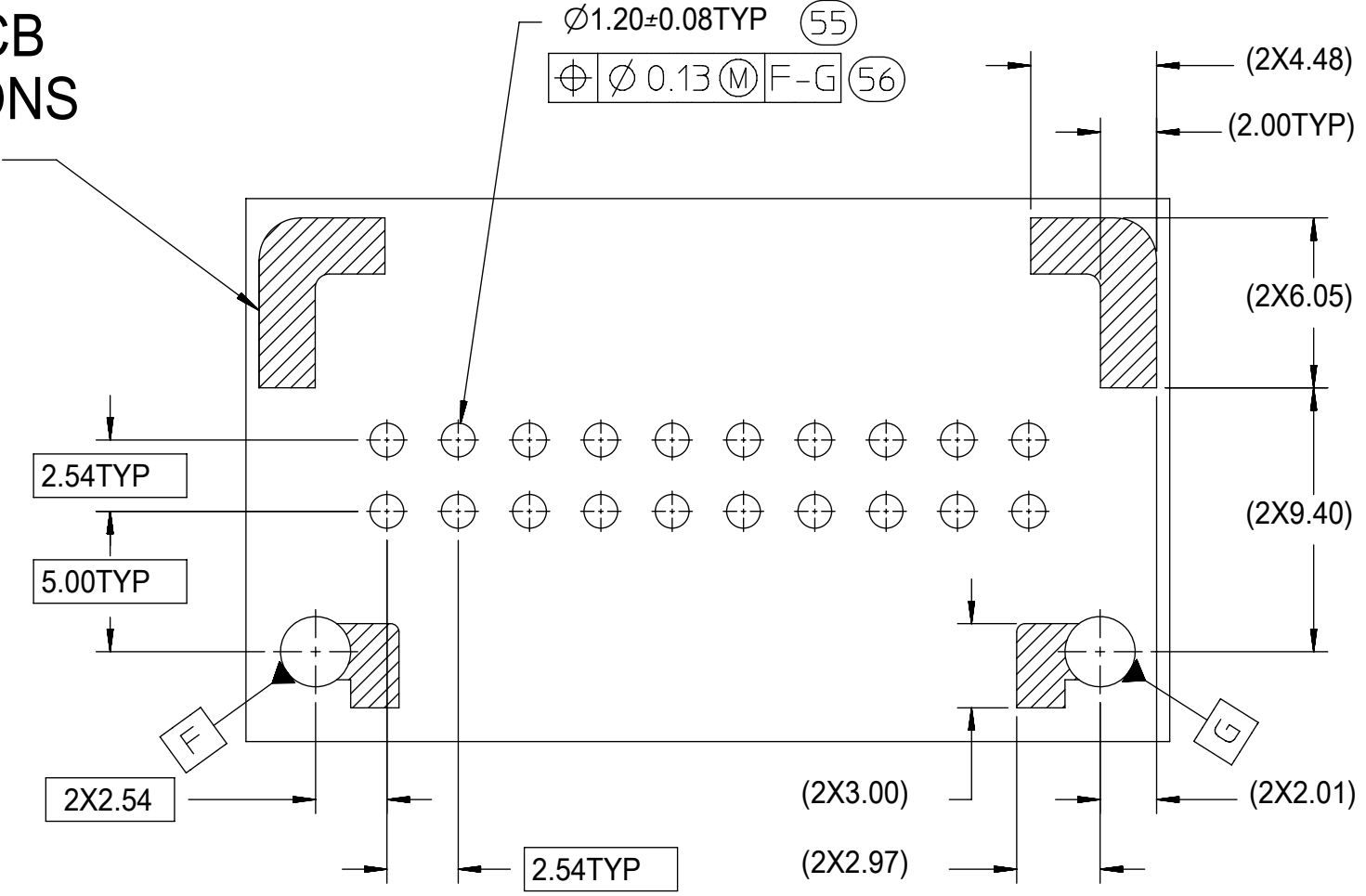
<b>SYMBOLS</b> DIMENSION UNITS: mm SCALE: 4:1 CURRENT REV DESC: GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		<b>molex</b> 3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING
	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		MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET



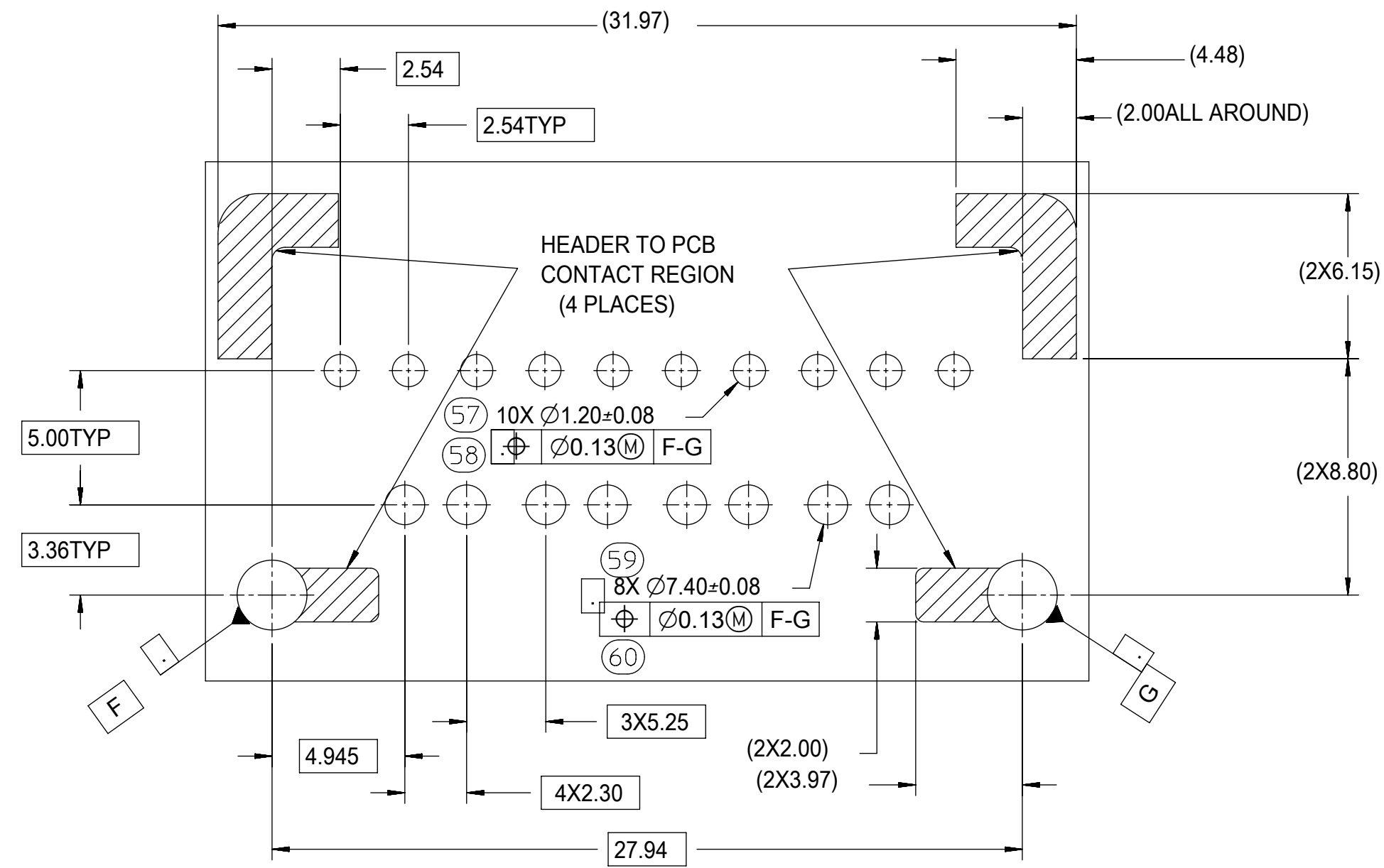
10 CKT HYBRID TEMPLATE  
PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE  
PCB LAYOUT



14 CKT HYBRID TEMPLATE  
PCB LAYOUT



HEADER TO PCB  
CONTACT REGIONS  
(8 PLACES)

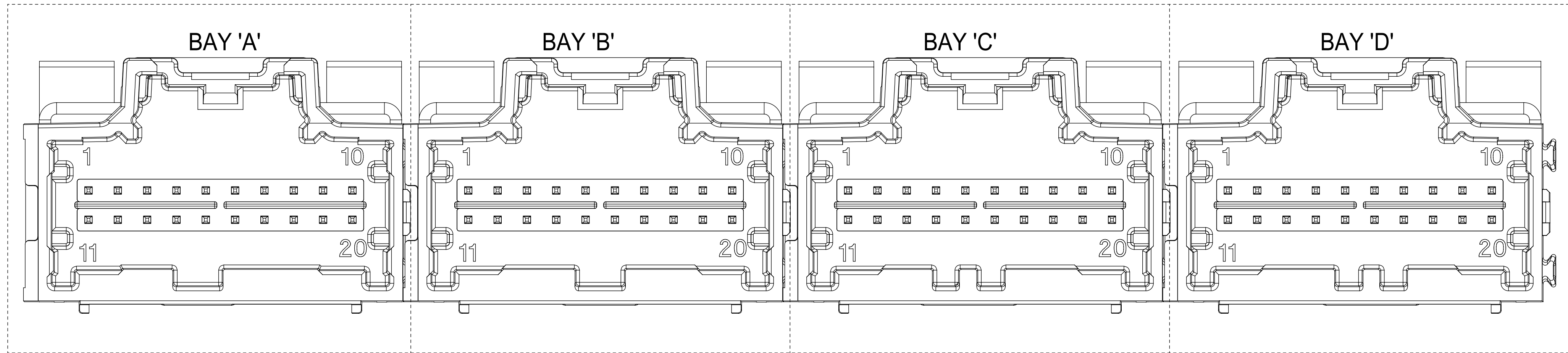
HEADER TO PCB  
CONTACT REGION  
(4 PLACES)

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	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		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-34707-300 DOC TYPE: PSD DOC PART: 001 REVISION: K2
▽ = 0	1 PLACE ± 0.25		
▽ = 0	0 PLACES ±		MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 4 OF 4
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES
		D-SIZE	34707

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

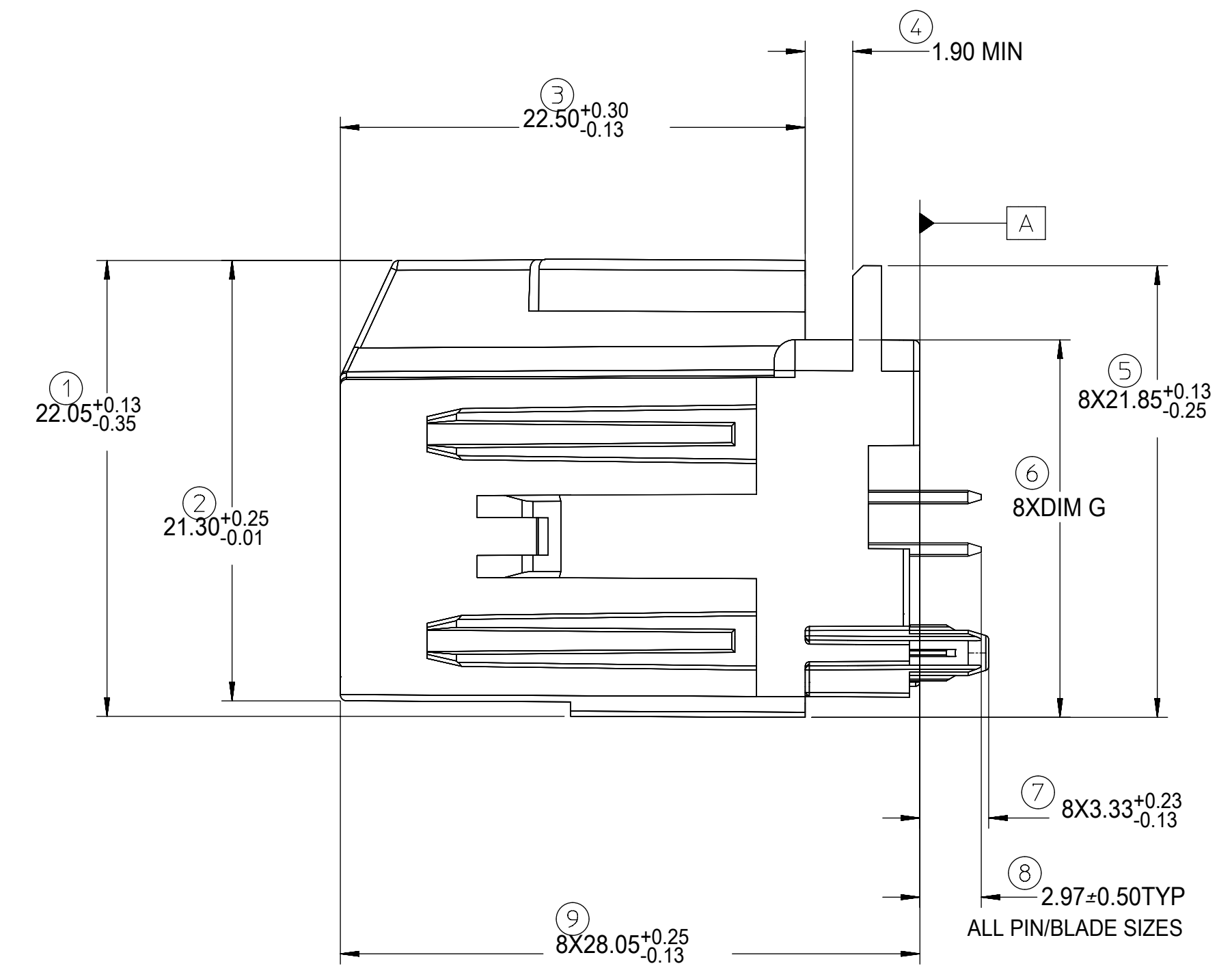
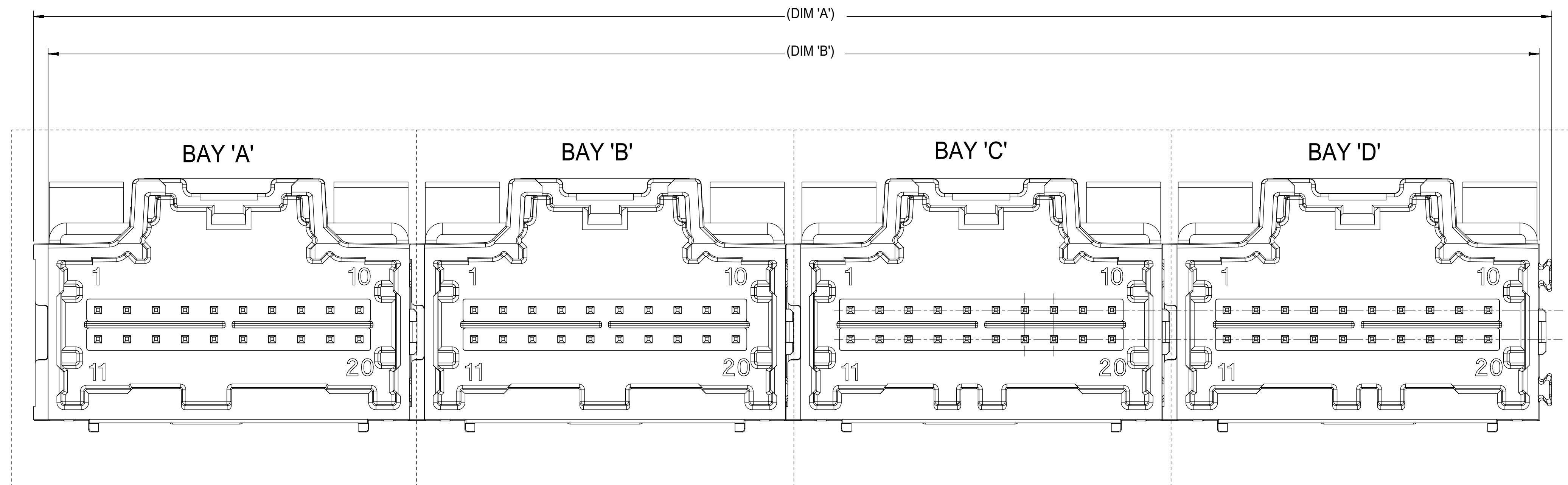
3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

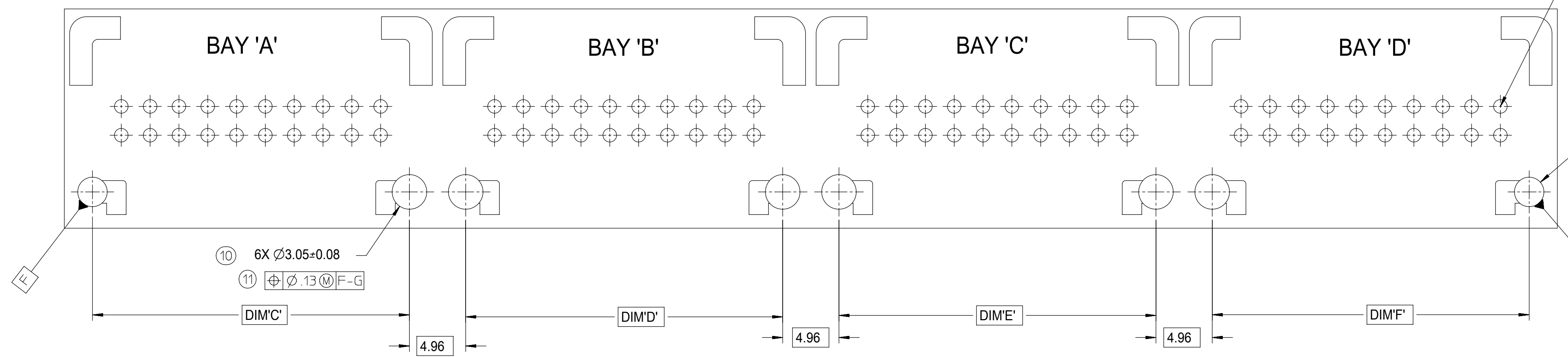
4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING  
SINGLE BAY DRAWINGS:  
8-20 CKT 0.64: SD-34690-100  
10 CKT HYBRID: SD-34695-100  
14 CKT HYBRID: SD-34772-200

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	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 <b>SD-34707-400</b> PSD    001    D9
▽ = 0	2 PLACES ± 0.13		APPR: RBAUMAN 2019/02/23		
▽ = 0	1 PLACE ± 0.25		INITIAL REVISION:		
▽ = 0	0 PLACES ±		DRWN: VDANIELE 2008/11/14		
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU 2008/11/14		
▽ = 0	THIRD ANGLE PROJECTION		DRAWING SERIES		MATERIAL NUMBER    CUSTOMER    SHEET NUMBER SEE TABLE    GENERAL MARKET    1 OF 4
▽ = 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

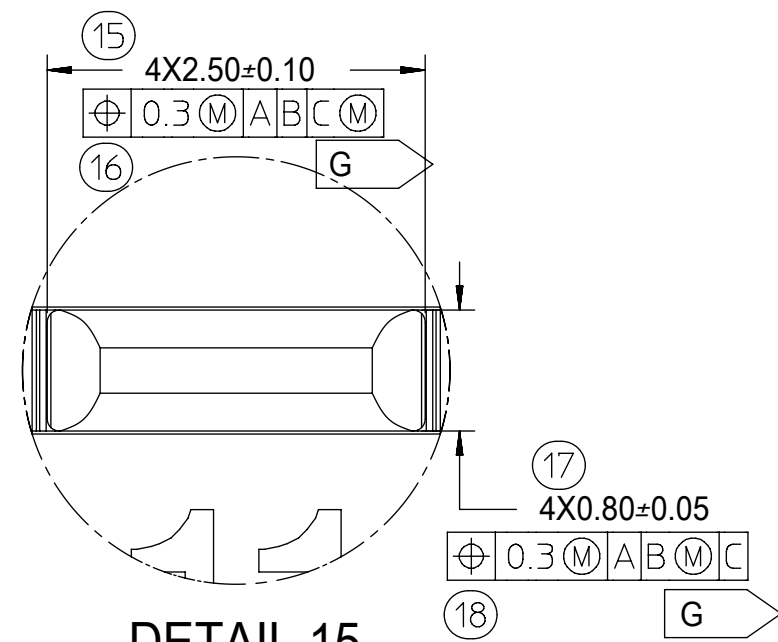
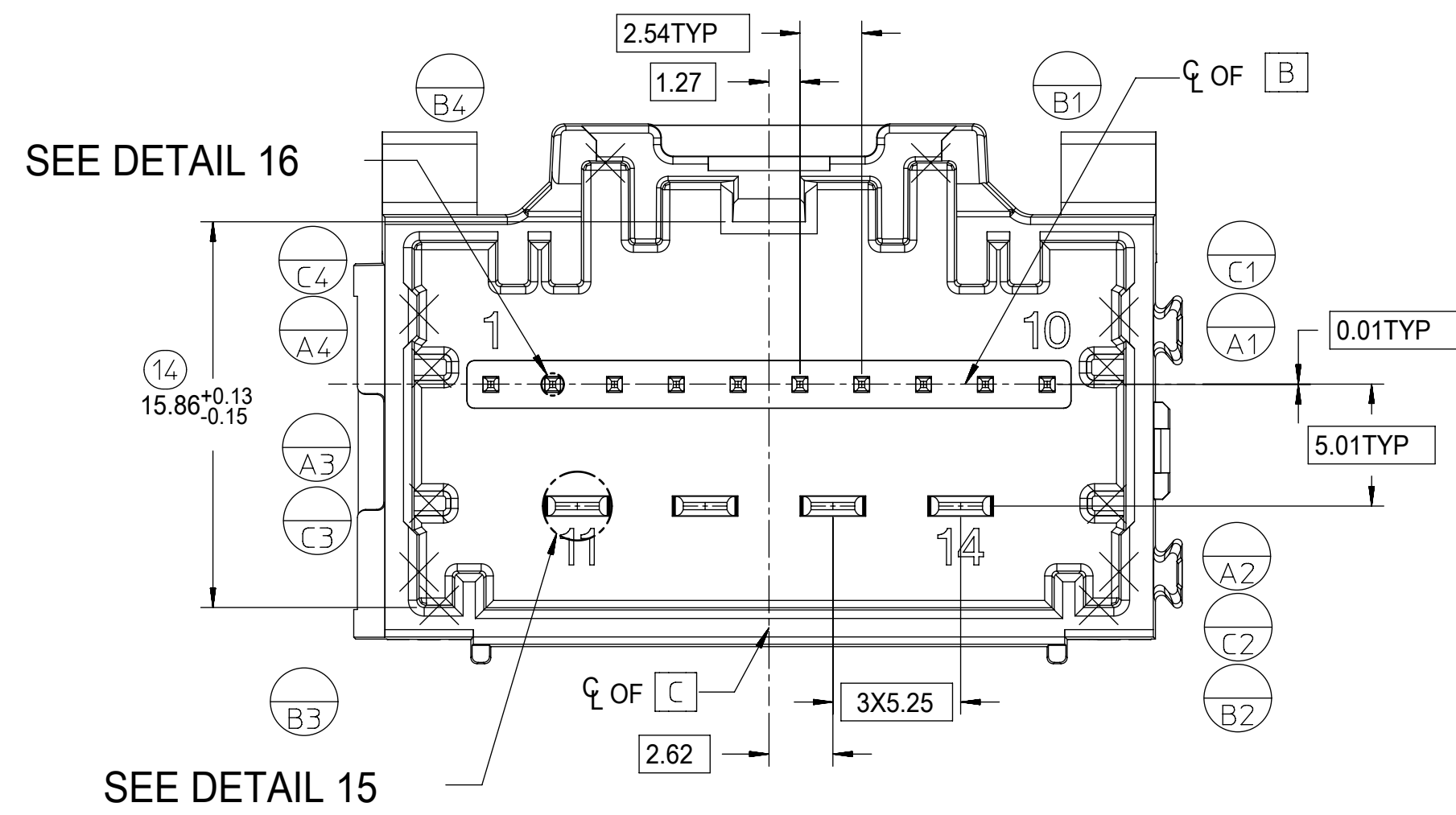


POST HOLE TABLE

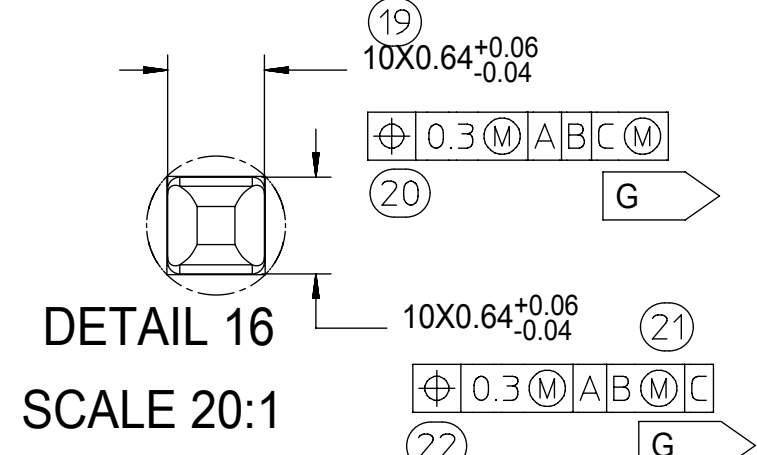
FOR DIM Z:	
PRESS FIT	2.60
DROP IN	3.05

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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▽ = 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: SD-34707-400    DOC TYPE: PSD    DOC PART: 001    REVISION: D9		
▽ = 0	2 PLACES ± 0.13		APPR: RBAUMAN 2019/02/23				
▽ = 0	1 PLACE ± 0.25		INITIAL REVISION:		MATERIAL NUMBER: SEE TABLE    CUSTOMER: GENERAL MARKET    SHEET NUMBER: 2 OF 4		
▽ = 0	0 PLACES ±		DRWN: VDANIELE 2008/11/14				
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU 2008/11/14		SERIES: 34707		
▽ = 0	THIRD ANGLE PROJECTION		DRAWING: D-SIZE				

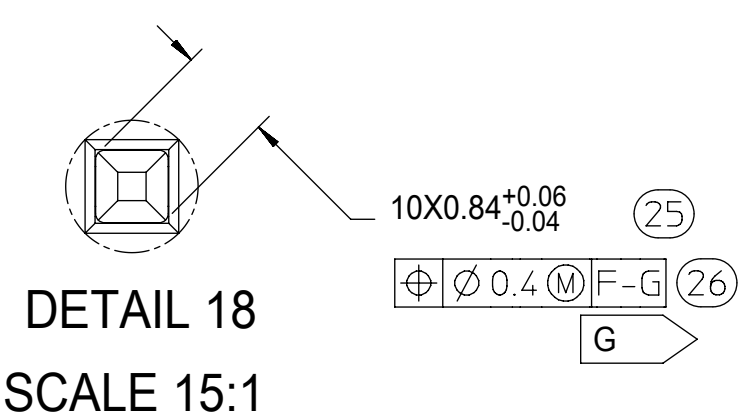
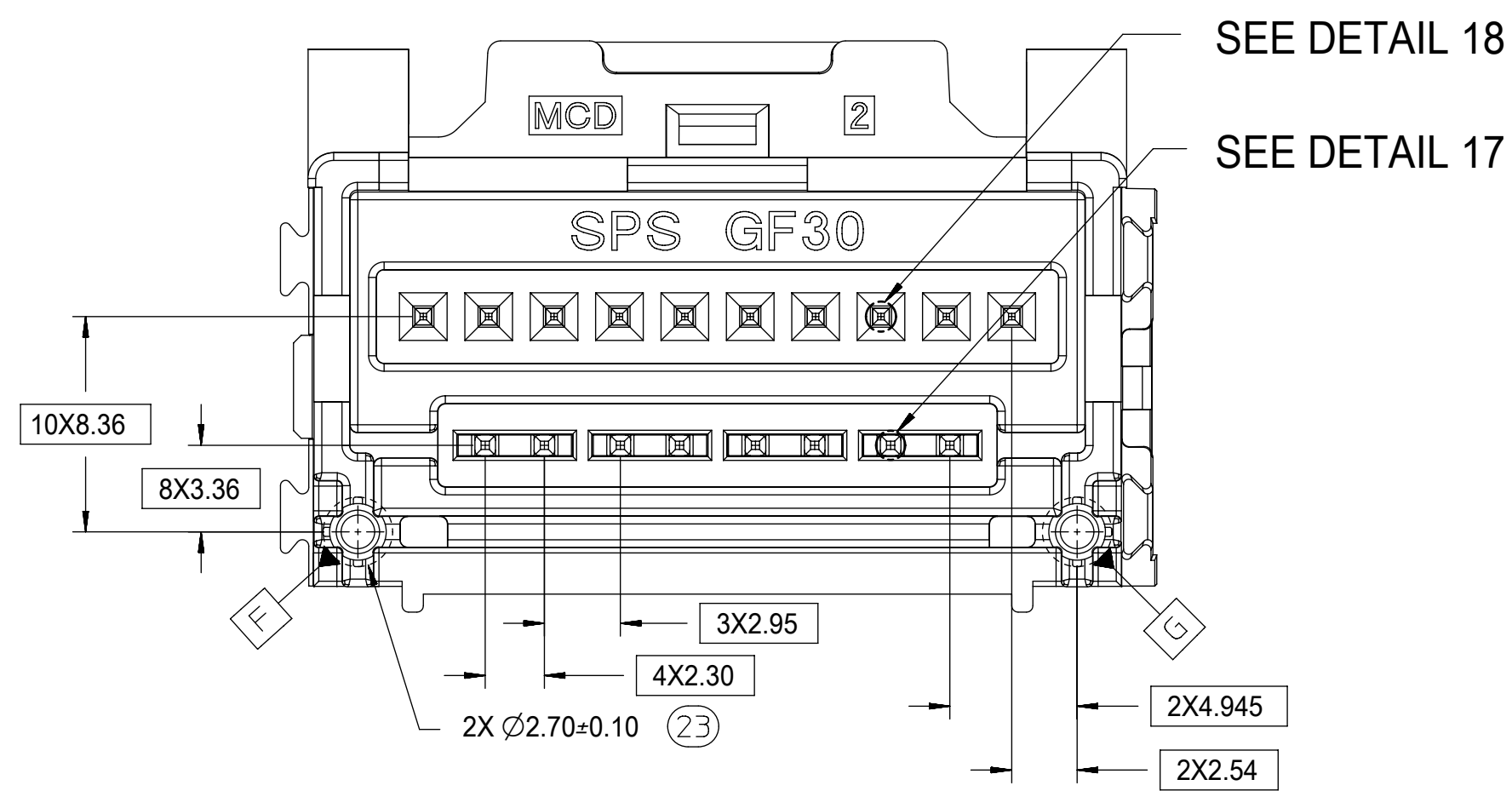
# 14CKT STAC HYBRID HEADER DETAILS



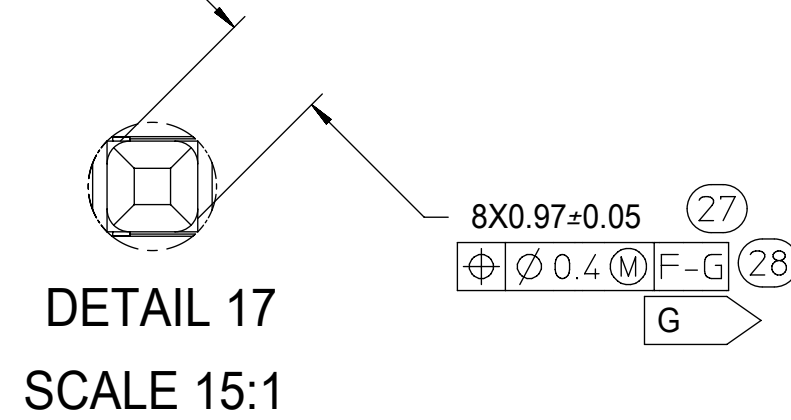
DETAIL 15  
SCALE 20:1



DETAIL 16  
SCALE 20:1

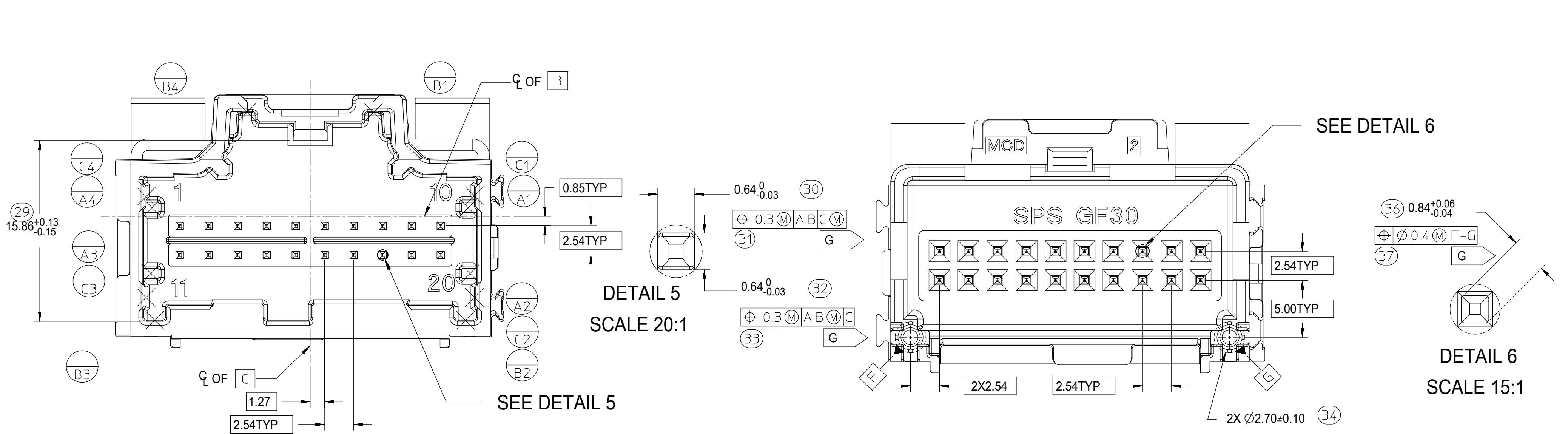


DETAIL 18  
SCALE 15:1



DETAIL 17  
SCALE 15:1

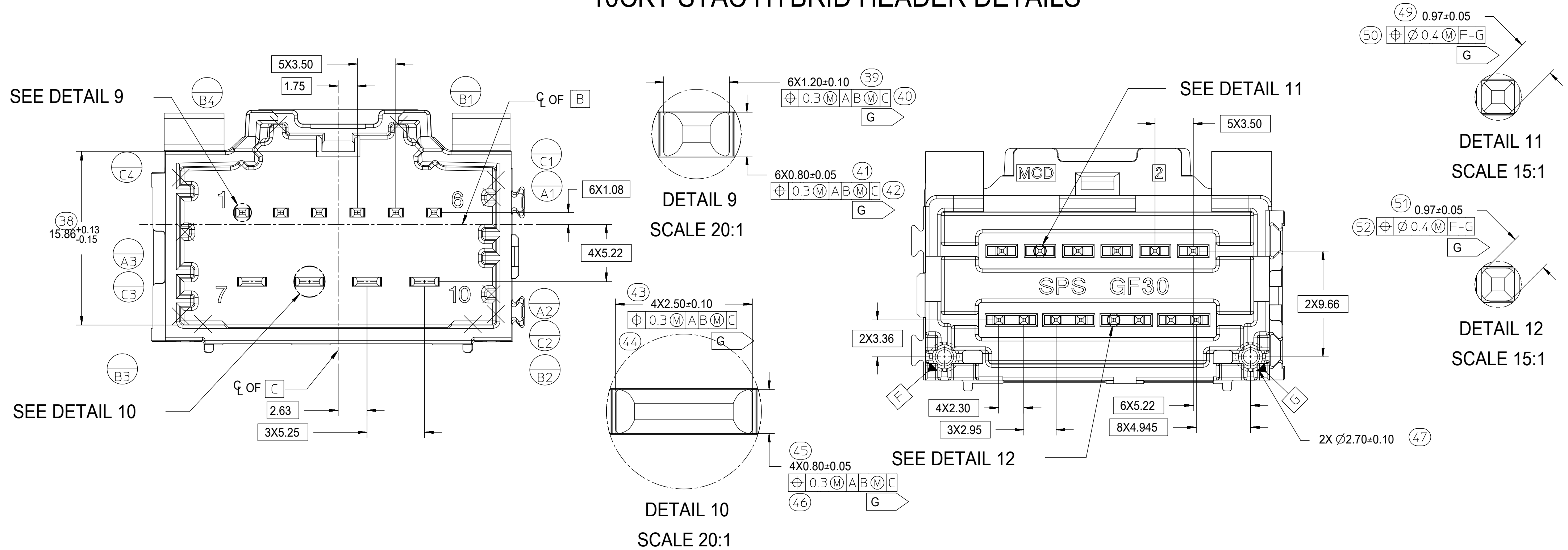
# 8-20CKT STAC 0.64mm HEADER DETAILS



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 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		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
▽ = 0	mm	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	DRAWING	SERIES
		D-SIZE	34707
EC NO: 612618		2019/02/22	
DRWN: SHANDITHAVAL		2019/02/23	
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

