

MATERIAL NUMBER			CKT SIZE	DESCRIPTION	POL	COLOR
TRAY PACKAGING PK-31300-892	TUBE PACKAGING PK-31301-063	ALT TRAY PACK PK-31300-894				
34691-0200	34691-9200	34691-9204	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0201	34691-9201	TBD	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0202	34691-9202	TBD	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0203	34691-9203	TBD	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	D	GREEN
34691-0160	34691-9160	TBD	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0161	34691-9161	TBD	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0162	34691-9162	TBD	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0120	34691-9120	TBD	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0121	34691-9121	TBD	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0122	34691-9122	TBD	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0080	34691-9080	TBD	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0081	34691-9081	TBD	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0082	34691-9082	TBD	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN

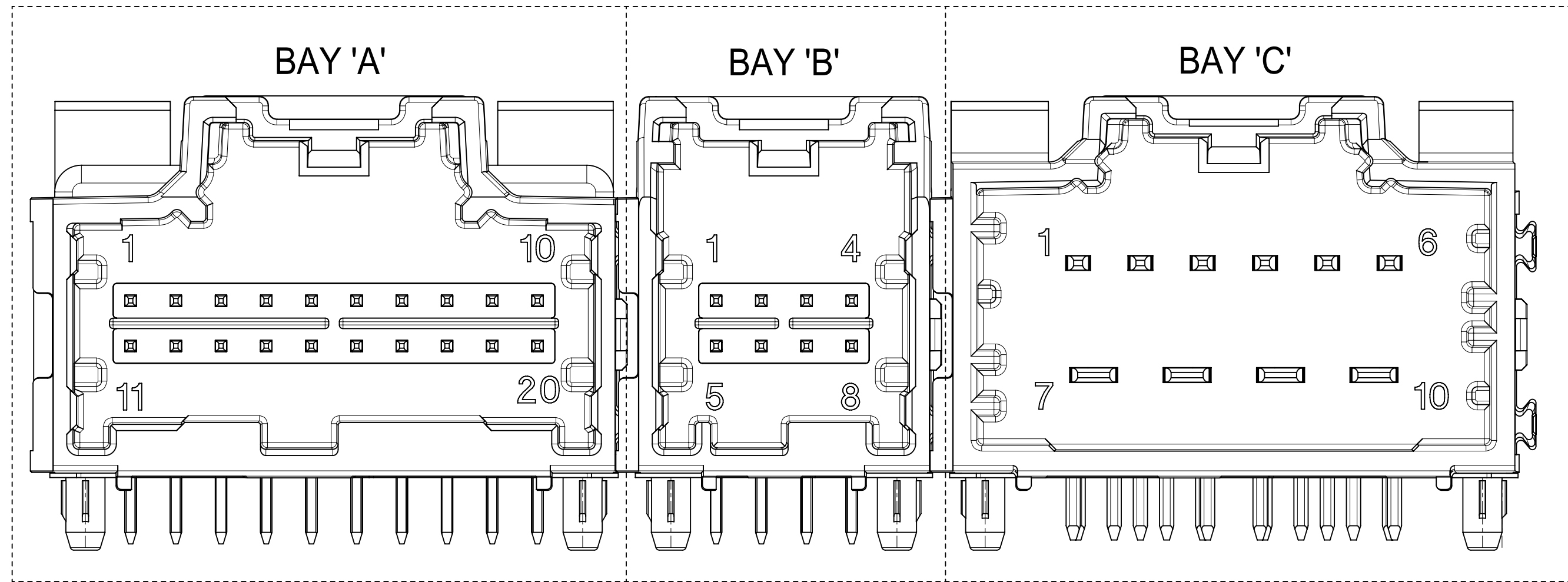
- NOTES: VALID UNLESS OTHERWISE SPECIFIED
- GENERAL:
    - CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:
      - POLARIZATION FEATURE EFFECTIVENESS - SEE PRODUCT SPECIFICATION
      - PIN RETENTION - USCAR-2 REV 4
      - SOLDERABILITY - SMES-152
    - APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:
      - SEE APPLICATION SPECIFICATION - AS-34729-020/AS-31408-100
      - SEE PRODUCT SPECIFICATION - PS-34729-020/PS-31408-100
    - PACKAGING SPECIFICATION: SEE CHART
  - DESIGN: MATERIALS:
    - SHROUD (PLASTIC HOUSING):
      - RESIN - SPS 30%GF - 20% REGRIND MAX. BY WEIGHT
    - 0.64MM PINS:
      - BASE MATERIAL: C26000
      - PLATING TYPE: AS NOTED
    - PIN ALIGNMENT PLATE: NYLAR
  - PLATING REQUIREMENTS:
    - UNDERPLATING - OVERALL NICKEL
    - OVERPLATING - OVERALL TIN
  - INTERFACE: USCAR
    - 064-U-008-2-202
    - 064-U-012-2-203
    - 064-U-016-2-203
    - 064-U-020-2-202

SOME CHAMFERS HAVE BEEN MODIFIED TO IMPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

UPDATED DIMENSIONS EC NO: UAU2007-1044 DRAWN BY: FISCHER01 2017/05/11 CHKD: APPR:RB/ANM 2017/05/15 DESCRIPTION:	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>±.005</td><td>±.0005</td></tr> <tr><td>3 PLACES</td><td>±.008</td><td>±.0008</td></tr> <tr><td>2 PLACES</td><td>±.013</td><td>±.0013</td></tr> <tr><td>1 PLACE</td><td>±.025</td><td>±.0025</td></tr> </table>		mm	INCH	4 PLACES	±.005	±.0005	3 PLACES	±.008	±.0008	2 PLACES	±.013	±.0013	1 PLACE	±.025	±.0025	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION 
		mm	INCH																		
4 PLACES	±.005	±.0005																			
3 PLACES	±.008	±.0008																			
2 PLACES	±.013	±.0013																			
1 PLACE	±.025	±.0025																			
DRAWN BY: MBAILEY CHECKED BY: EDILLON APPROVED BY: SMARCEAU DATE: 10/02/06 DATE: 04/18/07 DATE: 2010/11/04	TITLE <b>STAC64 SINGLE BAY RIGHT ANGLE ASSEMBLY SALES DRAWING</b>	MATERIAL NO. <b>SEE CHART</b>	MOLEX INCORPORATED	DOCUMENT NO. <b>SD-34691-100</b>	SHEET NO. <b>1 OF 2</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															



# 3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY (P/N: 34708-3040 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

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

PRODUCT SPECIFICATION:  
8-20 CKT 0.64 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  
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-34691-100  
10 CKT HYBRID: SD-34696-100  
14 CKT HYBRID: SD-34773-010

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:						<b>molex</b>  3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING  PRODUCT CUSTOMER DRAWING									
	= 0	mm	1:1	EC NO: 612618															
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SHANDITHAVAL 2019/02/22						DOCUMENT NUMBER: <b>SD-34708-300</b>   DOC TYPE: PSD   DOC PART: 001   REVISION: U8									
	= 0	ANGULAR TOL ± 1.0°		CHK'D: RBAUMAN 2019/02/23															
	= 0	4 PLACES ±		APPR: RBAUMAN 2019/02/23						INITIAL REVISION: DRWN: JDUNAJ 2009/03/10 APPR: SMARCEAU 2009/03/11									
	= 0	3 PLACES ±		MATERIAL NUMBER: <b>34708</b>   CUSTOMER: GENERAL MARKET															
	= 0	2 PLACES ± 0.13		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIRD ANGLE PROJECTION 									
	= 0	1 PLACE ± 0.25		D-SIZE															
	= 0	0 PLACES ±		SERIES: <b>34708</b>						SHEET NUMBER: <b>1 OF 6</b>									

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

3 BAY PART NUMBER (TUBE PKG)	3 BAY 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					
	34708-3000	16	0.64mm	B	16	0.64mm	A	12	0.64mm	B	79.52	77.05	22.86	22.86	17.78
	34708-3001	20	0.64mm	A	20	0.64mm	B	12	0.64mm	A	89.86	87.21	27.94	27.94	17.78
	34708-3002	20	0.64mm	A	20	0.64mm	B	14	HYBRID	C	99.84	97.37	27.94	27.94	27.94
	34708-3003	10	HYBRID	A	16	0.64mm	A	8	0.64mm	C	79.52	77.05	27.94	22.86	12.70
	34708-3004	16	0.64mm	A	16	0.64mm	B	16	0.64mm	C	84.60	82.13	22.86	22.86	22.86
	34708-3006	20	0.64mm	D	20	0.64mm	B	20	0.64mm	C	99.84	97.37	27.94	27.94	27.94
TBD	34708-3007	20	0.64mm	A	12	0.64mm	A	20	0.64mm	D	89.68	87.21	27.94	17.78	27.94
TBD	347083008	20	0.64mm	A	10	HYBRID	B	10	HYBRID	A	99.84	97.37	27.94	27.94	27.94
34708-8010	34708-3010	20	0.64mm	A	20	0.64mm	B	16	0.64mm	A	94.76	92.29	27.94	27.94	22.86
TBD	34708-3020	10	HYBRID	A	20	0.64mm	B	20	0.64mm	C	99.84	97.37	27.94	27.94	27.94
TBD	34708-3021	10	HYBRID	A	20	0.64mm	C	20	0.64mm	D	99.84	97.37	27.94	27.94	27.94
TBD	34708-3022	20	0.64mm	B	16	0.64mm	C	10	HYBRID	A	94.76	92.29	27.94	22.86	27.94
TBD	34708-3030	16	0.64mm	A	12	0.64mm	A	10	HYBRID	A	84.60	82.13	22.86	17.78	27.94
TBD	34708-3040	20	0.64mm	A	8	0.64mm	A	10	HYBRID	A	84.60	82.13	27.94	12.70	27.94
TBD	34708-3050	10	HYBRID	A	16	0.64mm	B	16	0.64mm	C	89.68	87.21	27.94	22.86	22.86
TBD	34708-3060	16	0.64mm	A	20	0.64mm	C	20	0.64mm	D	94.76	92.29	22.86	27.94	27.94
34708-8070	34708-3070	20	0.64mm	A	20	0.64mm	B	10	HYBRID	A	99.84	97.37	27.94	27.94	27.94
TBD	34708-3071	20	0.64mm	A	10	HYBRID	A	10	HYBRID	B	99.84	97.37	27.94	27.94	27.94
TBD	34708-3080	12	0.64mm	A	12	0.64mm	B	16	0.64mm	A	74.44	71.97	17.78	17.78	22.86
TBD	34708-3081	20	0.64mm	D	12	0.64mm	B	20	0.64mm	C	89.68	87.21	27.94	17.78	27.94
TBD	34708-3082	12	0.64mm	C	8	0.64mm	A	8	0.64mm	B	59.20	56.73	17.78	12.70	12.70
TBD	34708-3083	8	0.64mm	C	16	0.64mm	B	16	0.64mm	C	74.44	71.97	12.70	22.86	22.86
TBD	34708-3084	16	0.64mm	A	8	0.64mm	A	8	0.64mm	B	64.28	61.81	22.86	12.70	12.70
TBD	34708-3085	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	99.84	97.37	27.94	27.94	27.94
TBD	34708-3086	20	0.64mm	A	20	0.64mm	B	8	0.64mm	A	84.60	82.13	27.94	27.94	12.70
TBD	34708-3087	20	0.64mm	A	16	0.64mm	A	8	0.64mm	A	79.52	77.05	27.94	22.86	12.70
TBD	34708-3088	12	0.64mm	A	16	0.64mm	A	12	0.64mm	B	74.44	71.97	17.78	22.86	17.78
TBD	34708-3089	16	0.64mm	A	16	0.64mm	B	20	0.64mm	A	89.68	87.21	22.86	22.86	27.94
TBD	34708-3090	16	0.64mm	C	16	0.64mm	A	8	0.64mm	B	74.44	71.97	22.86	22.86	12.70
TBD	34708-3091	20	0.64mm	C	12	0.64mm	C	16	0.64mm	B	84.60	82.13	27.94	17.78	22.86
TBD	34708-3092	12	0.64mm	B	8	0.64mm	C	20	0.64mm	D	74.44	71.97	17.78	12.70	27.94
TBD	34708-3093	16	0.64mm	B	16	0.64mm	A	8	0.64mm	A	74.44	71.97	22.86	22.86	12.70
TBD	34708-3094	20	0.64mm	D	20	0.64mm	B	8	0.64mm	A	84.60	82.13	27.94	27.94	12.70
TBD	34708-3095	20	0.64mm	A	16	0.64mm	C	12	0.64mm	B	84.60	82.13	27.94	22.86	17.78
TBD	34708-3096	16	0.64mm	A	16	0.64mm	B	20	0.64mm	C	89.68	87.21	22.86	22.86	27.94
TBD	34708-3097	16	0.64mm	C	12	0.64mm	B	20	0.64mm	A	84.60	82.13	22.86	17.78	27.94
TBD	34708-3098	20	0.64mm	B	20	0.64mm	C	20	0.64mm	D	99.84	97.37	27.94	27.94	27.94

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	1:1
▽ = 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	
▽ = 0	THIRD ANGLE PROJECTION	DRAWING
	D-SIZE	SERIES
	34708	
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: JDUNAJ 2009/03/10		
APPR: SMARCEAU 2009/03/11		
DOCUMENT NUMBER	DOC TYPE	DOC PART
SD-34708-300	PSD	001
REVISION		
U8		
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 6

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

3 BAY PART NUMBER (TUBE PKG)	3 BAY 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					
	34708-3099	10	HYBRID	A	20	0.64mm	D	10	HYBRID	B	99.84	97.37	27.94	27.94	27.94

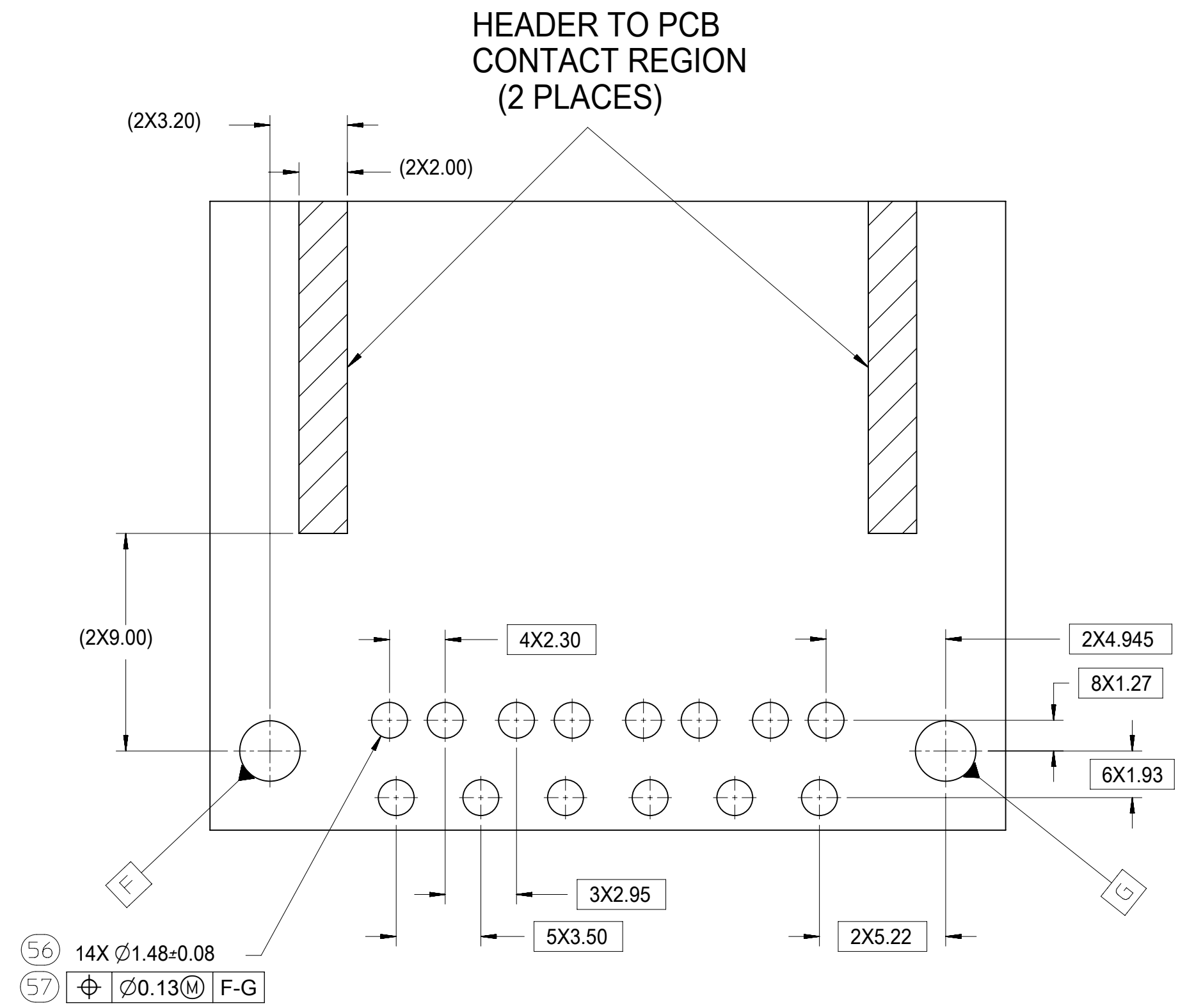
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
		DIMENSION UNITS	SCALE	CURRENT REV DESC:								
	= 0	mm	1:1	EC NO: 612618								
		GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SHANDITHAVAL 2019/02/22								
		ANGULAR TOL ± 1.0°		CHK'D: RBAUMAN 2019/02/23								
		4 PLACES	±	APPR: RBAUMAN 2019/02/23								
		3 PLACES	±	INITIAL REVISION:								
		2 PLACES	± 0.13	DRWN: JDUNAJ 2009/03/10								
		1 PLACE	± 0.25	APPR: SMARCEAU 2009/03/11								
		0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
	THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
			D-SIZE		34708		GENERAL MARKET		6 OF 6			

<b>molex</b>			
3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34708-300	PSD	001	U8

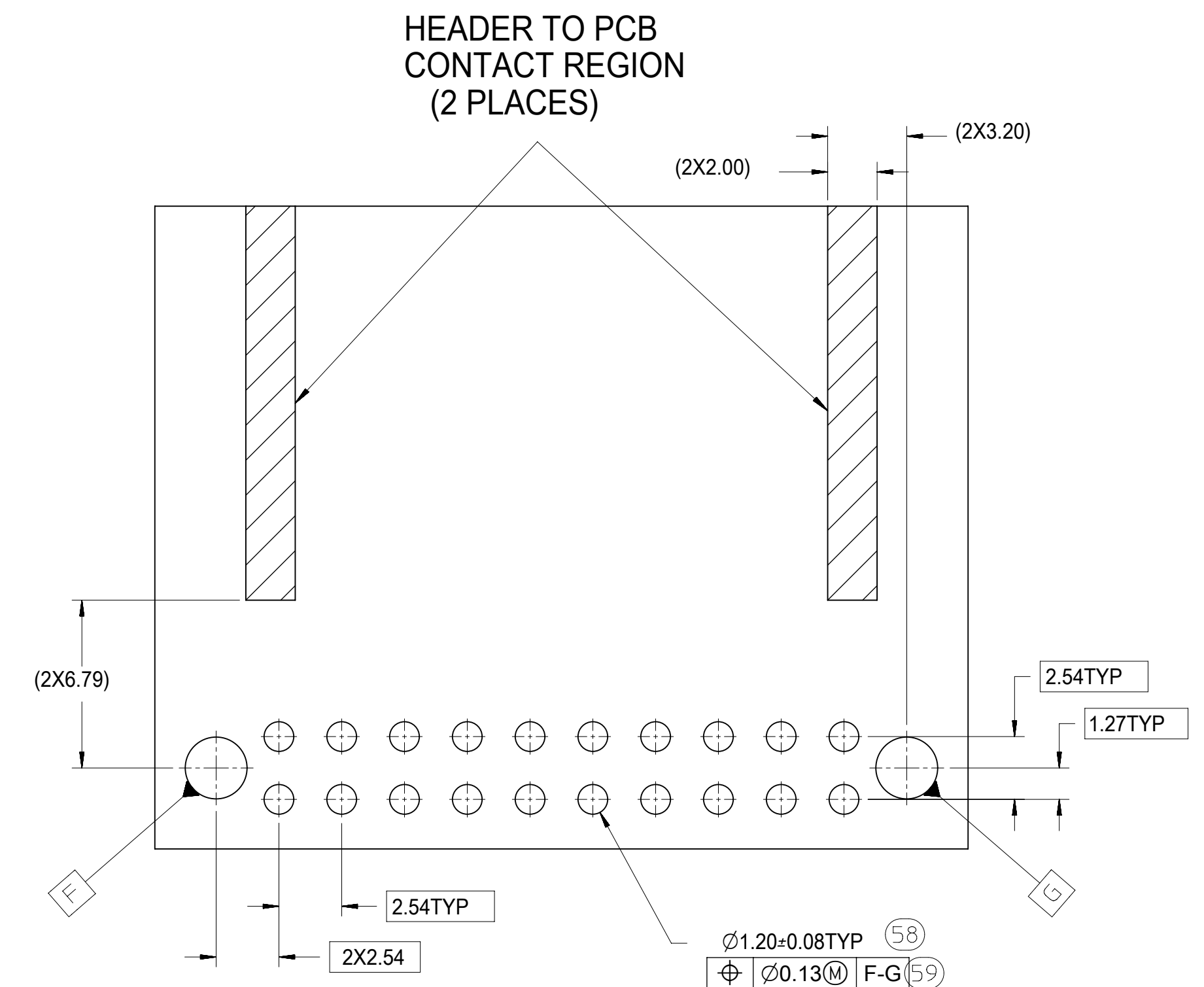




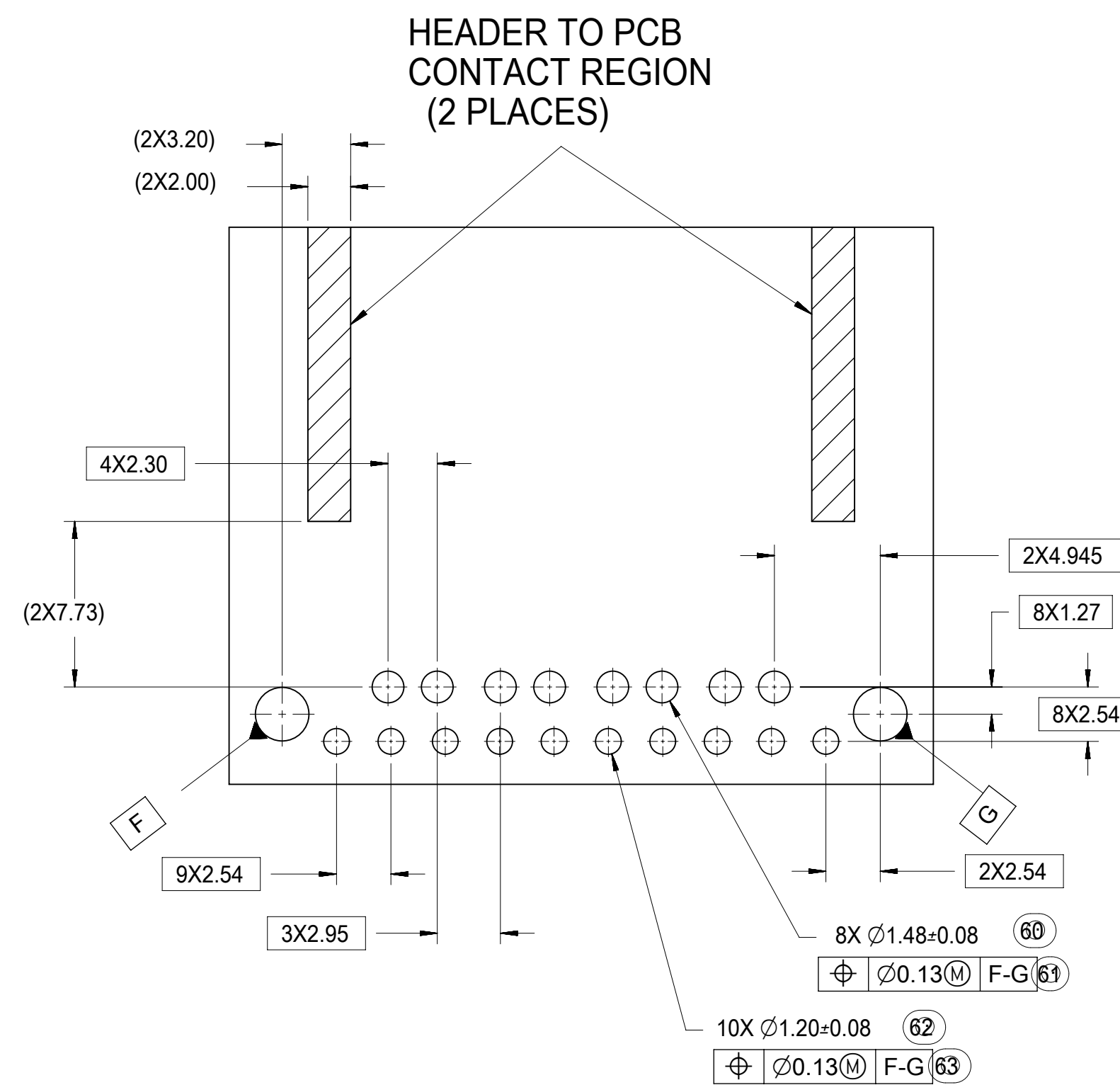
### 10 CKT HYBRID TEMPLATE PCB LAYOUT



### 8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



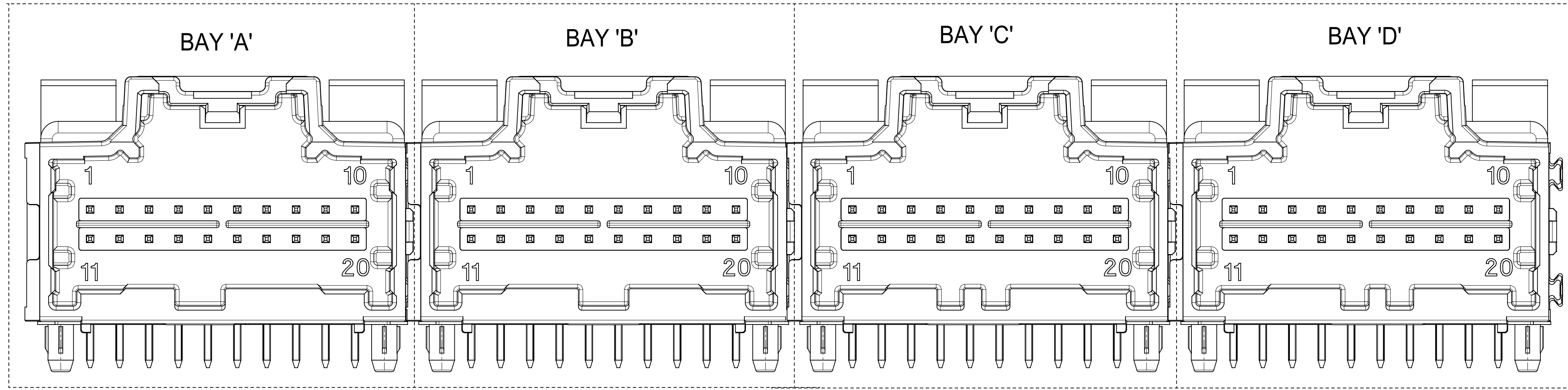
### 14 CKT HYBRID TEMPLATE PCB LAYOUT



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
$\nabla = 0$	mm	1:1	
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla = 0$	ANGULAR TOL	$\pm 1.0^\circ$	
$\nabla = 0$	4 PLACES	$\pm$	EC NO: 612618
$\nabla = 0$	3 PLACES	$\pm$	DRWN: SHANDITHAVAL 2019/02/22
$\nabla = 0$	2 PLACES	$\pm 0.13$	CHK'D: RBAUMAN 2019/02/23
$\nabla = 0$	1 PLACE	$\pm 0.25$	APPR: RBAUMAN 2019/02/23
$\nabla = 0$	0 PLACES	$\pm$	INITIAL REVISION:
$\square = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
$\nabla = 0$	THIRD ANGLE PROJECTION	DRAWING	SERIES
		D-SIZE	34708
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-34708-300		PSD	001
CUSTOMER		REVISION	U8
GENERAL MARKET		SHEET NUMBER	
		5 OF 6	



# 4 BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY (P/N: 34708-4000 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

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

PRODUCT SPECIFICATION:  
 8-20 CKT 0.64 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)
- e. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-894 (ALT TRAY)

2. DESIGN: MATERIALS:

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

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

- c. 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-34691-100  
 10 CKT HYBRID: SD-34696-100  
 14 CKT HYBRID: SD-34773-100

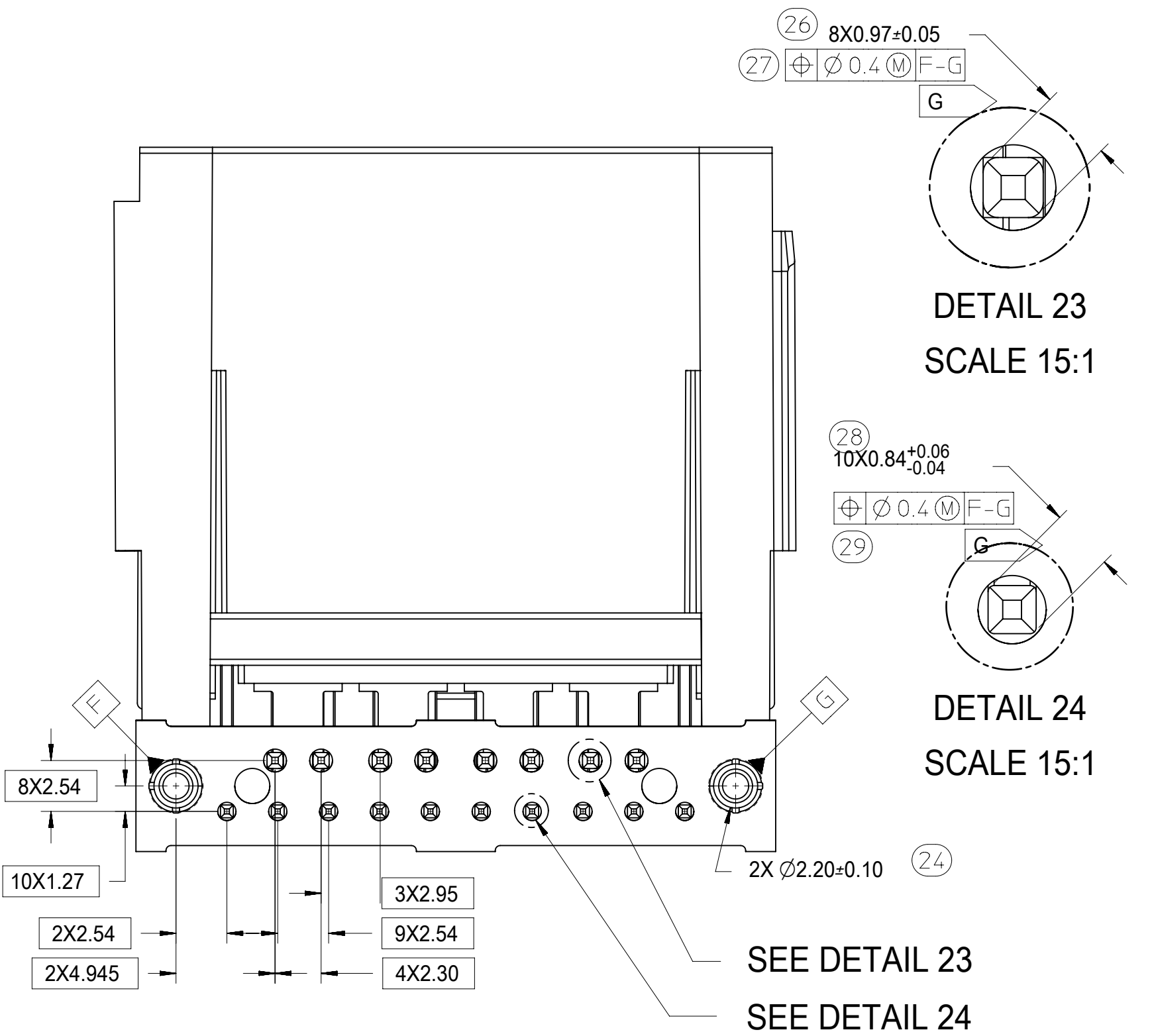
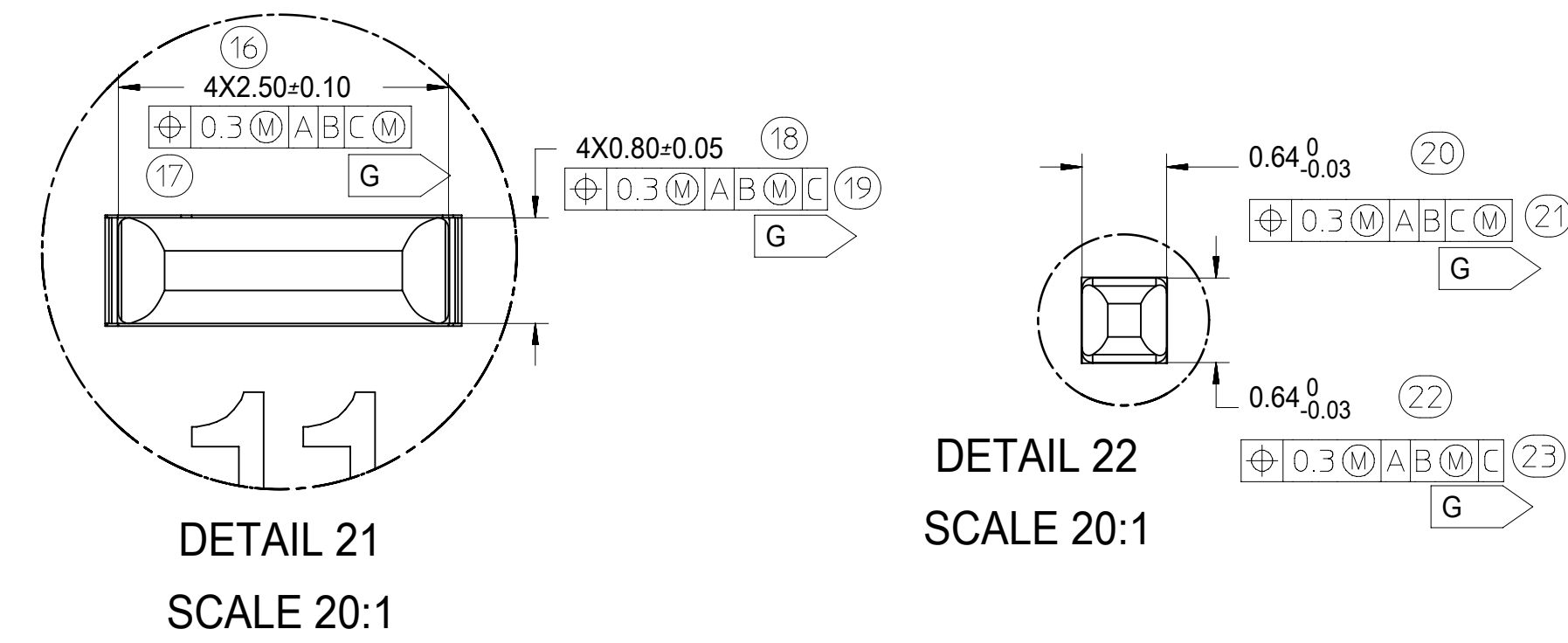
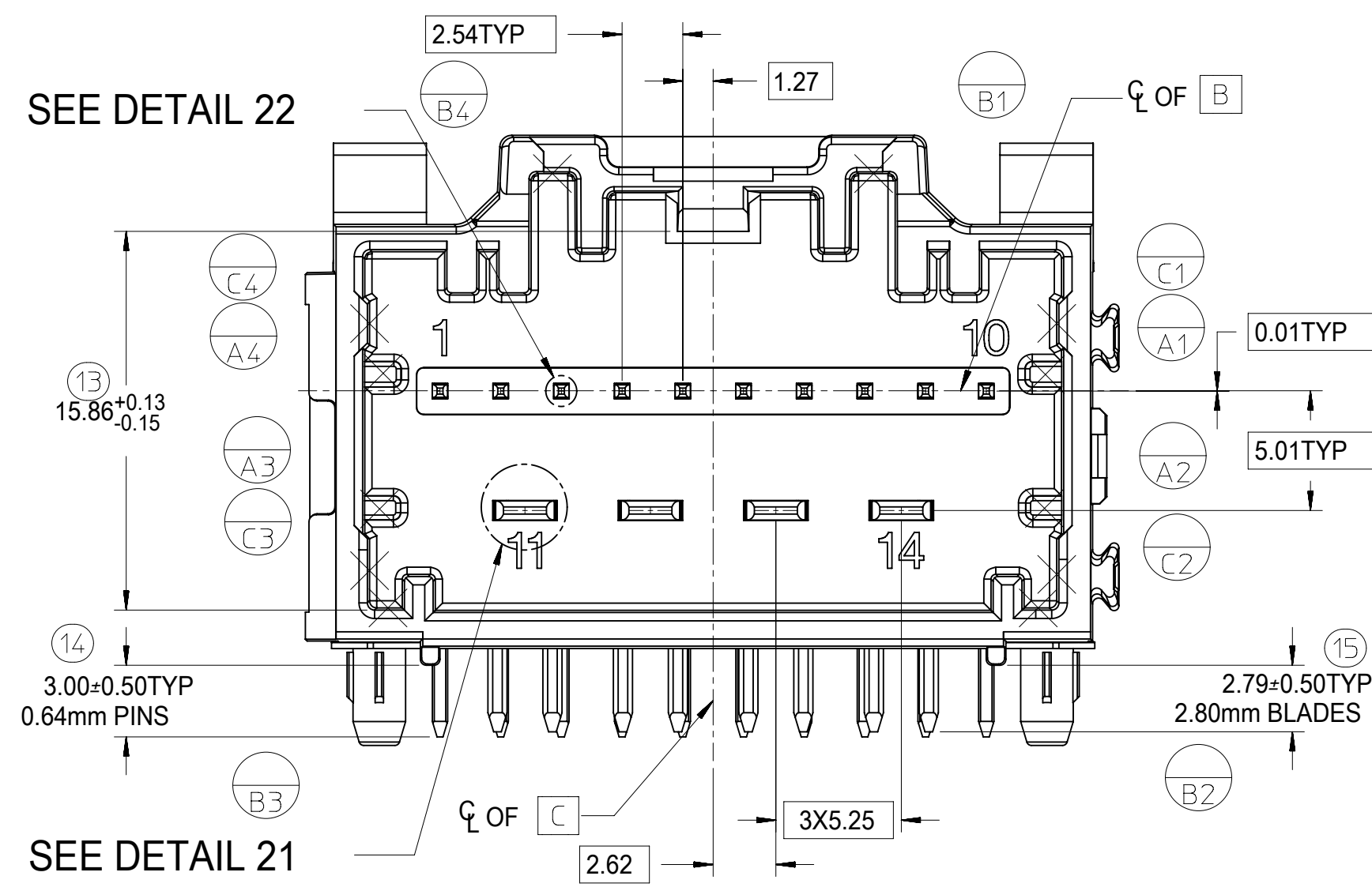
<b>SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DIMENSION UNITS	SCALE	CURRENT REV DESC:	
	mm	1:1	EC NO: 612618	
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SHANDITHAVAL 2019/01/23	
	ANGULAR TOL	± 1.0°	CHK'D: RBAUMAN 2019/02/23	
	4 PLACES	±	APPR: RBAUMAN 2019/02/23	
	3 PLACES	±	INITIAL REVISION:	
	2 PLACES	± 0.13	DRWN: VDANIELE 2008/11/14	
	1 PLACE	± 0.25	2008/11/14	
	0 PLACES	±	APPR: SMARCEAU 2008/11/14	
	DRAFT WHERE APPLICABLE	THIRD ANGLE PROJECTION	DRAWING	SERIES
	MUST REMAIN WITHIN DIMENSIONS		D-SIZE	34708
<b>DOCUMENT STATUS</b>		<b>RELEASE DATE</b>	<b>DOC NUMBER</b>	<b>DOC TYPE</b>
P1	2019/02/23 23:33:03	SD-34708-400	PSD	001
<b>REVISION</b>		<b>CUSTOMER</b>	<b>SHEET NUMBER</b>	
		GENERAL MARKET	1 OF 5	

## DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION

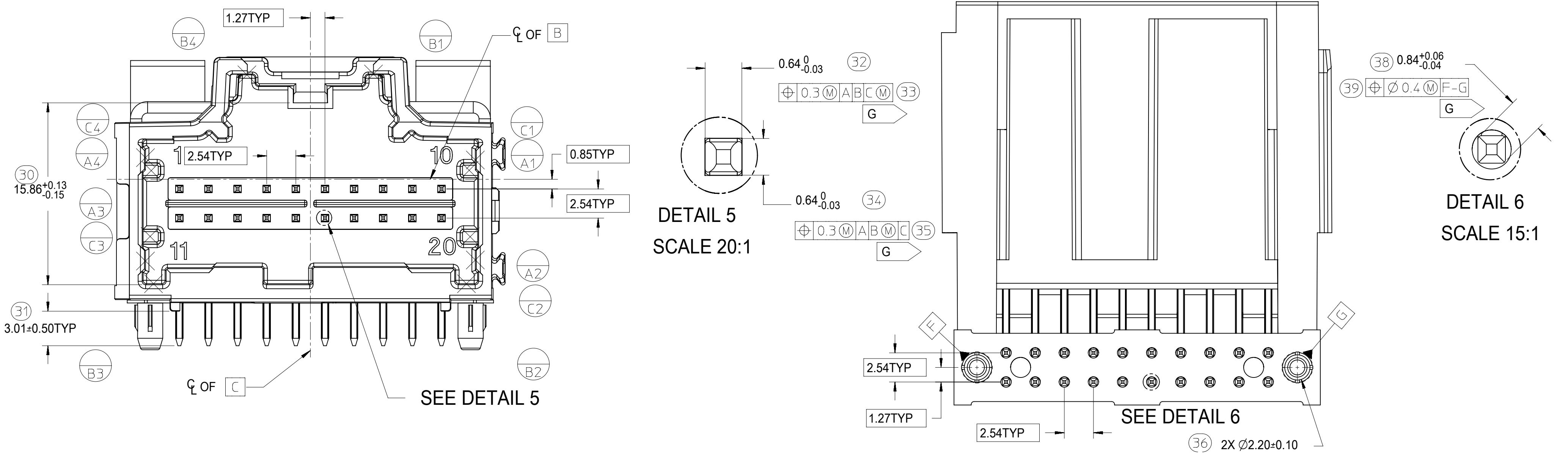
4 BAY PART NUMBER (ALT TRAY)	4 BAY PART NUMBER (TUBE PKG)	4 BAY PART NUMBER (TRAY PKG)	BAY A			BAY B			BAY C			BAY D			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
			CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL						
TBD	34708-9000	34708-4000	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	20	0.64mm	D	132.74	130.27	27.94	27.94	27.94	27.94
TBD	TBD	34708-4010	12	0.64mm	A	12	0.64mm	B	16	0.64mm	A	8	0.64mm	A	92.10	89.63	17.78	17.78	22.86	12.70
TBD	TBD	34708-4020	16	0.64mm	B	8	0.64mm	B	16	0.64mm	C	12	0.64mm	C	97.18	94.71	22.86	12.70	22.86	17.78
TBD	TBD	34708-4030	16	0.64mm	A	20	0.64mm	A	12	0.64mm	A	20	0.64mm	B	117.50	115.03	22.86	27.94	17.78	27.94
TBD	TBD	34708-4040	20	0.64mm	B	12	0.64mm	A	20	0.64mm	A	12	0.64mm	C	112.42	109.95	27.94	17.78	27.94	17.78
TBD	TBD	34708-4050	20	0.64mm	A	16	0.64mm	A	8	0.64mm	A	10	HYBRID	A	112.42	109.95	27.94	22.86	12.70	27.94
TBD	TBD	34708-4060	20	0.64mm	C	20	0.64mm	A	20	0.64mm	B	12	0.64mm	A	122.58	120.11	27.94	27.94	27.94	17.78
TBD	TBD	34708-4070	12	0.64mm	A	20	0.64mm	D	20	0.64mm	C	20	0.64mm	A	122.58	120.11	17.78	27.94	27.94	27.94
TBD	TBD	34708-4080	20	0.64mm	B	8	0.64mm	A	20	0.64mm	A	12	0.64mm	A	107.34	104.87	27.94	12.70	27.94	17.78
TBD	TBD	34708-4090	12	0.64mm	A	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	122.58	120.11	17.78	27.94	27.94	27.94
TBD	TBD	34708-4011	16	0.64mm	B	16	0.64mm	A	8	0.64mm	A	10	HYBRID	A	107.34	104.87	22.86	22.86	12.70	27.94
TBD	TBD	34708-4012	8	0.64mm	B	20	0.64mm	D	12	0.64mm	A	12	0.64mm	C	97.18	94.71	12.70	27.94	17.78	17.78
TBD	34708-9013	34708-4013	16	0.64mm	A	20	0.64mm	B	20	0.64mm	C	20	0.64mm	D	127.66	125.19	22.86	27.94	27.94	27.94
TBD	TBD	34708-4014	8	0.64mm	A	20	0.64mm	C	20	0.64mm	B	10	HYBRID	A	117.50	115.03	12.70	27.94	27.94	27.94
TBD	34708-9015	34708-4015	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	8	0.64mm	A	117.50	115.03	27.94	27.94	27.94	12.70
TBD	34708-9016	34708-4016	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	12	0.64mm	A	122.58	120.11	27.94	27.94	27.94	17.78
TBD	TBD	34708-4017	20	0.64mm	D	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	132.74	130.27	27.94	27.94	27.94	27.94
TBD	TBD	34708-4018	20	0.64mm	C	20	0.64mm	A	20	0.64mm	B	16	0.64mm	A	127.66	125.19	27.94	27.94	27.94	22.86
34708-9519	TBD	34708-4019	10	HYBRID	A	16	0.64mm	C	12	0.64mm	B	20	0.64mm	A	117.50	115.03	27.94	22.86	17.78	27.94
TBD	TBD	34708-4020	10	HYBRID	A	10	HYBRID	B	20	0.64mm	A	20	0.64mm	B	132.74	130.27	27.94	27.94	27.94	27.94

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	1:1	<p><b>molex</b></p> <p>4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: <b>SD-34708-400</b>    DOC TYPE: PSD    DOC PART: 001    REVISION: P</p> <p>MATERIAL NUMBER: SEE TABLE    CUSTOMER: GENERAL MARKET    SHEET NUMBER: 2 OF 5</p>
▽ = 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		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	<p>EC NO: 612618</p> <p>DRWN: SHANDITHAVAL    2019/01/23</p> <p>CHK'D: RBAUMAN    2019/02/23</p> <p>APPR: RBAUMAN    2019/02/23</p> <p>INITIAL REVISION:</p> <p>DRWN: VDANIELE    2008/11/14</p> <p>APPR: SMARCEAU    2008/11/14</p>

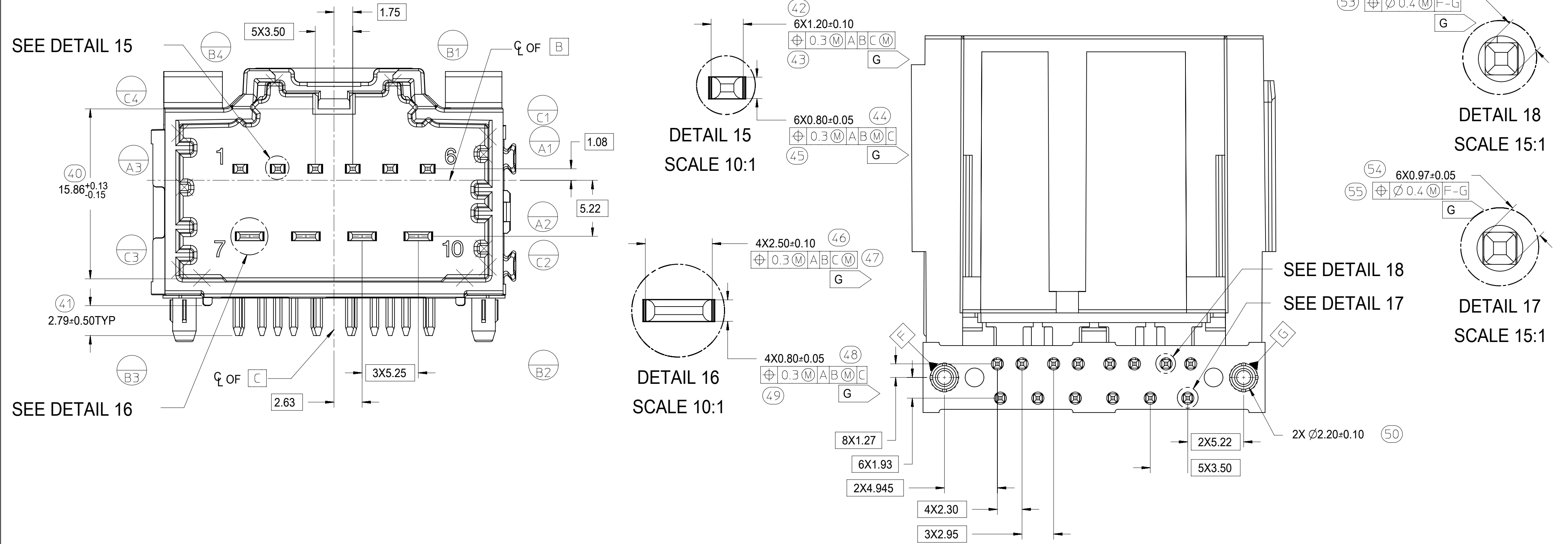




### 8-20CKT STAC 0.64mm HEADER DETAILS



### 10CKT STAC HYBRID HEADER DETAILS



SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
DIMENSION UNITS	SCALE				
∇ = 0	mm	1:1			
∇ = 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				
∇ = 0	THIRD ANGLE PROJECTION		DRAWING SERIES		
		D-SIZE		34708	
		MATERIAL NUMBER		CUSTOMER	
		SEE TABLE		GENERAL MARKET	
		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
		SD-34708-400		PSD 001 P	
		SHEET NUMBER		4 OF 5	

**molex**

4-BAY STAC64 RIGHT ANGLE  
HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

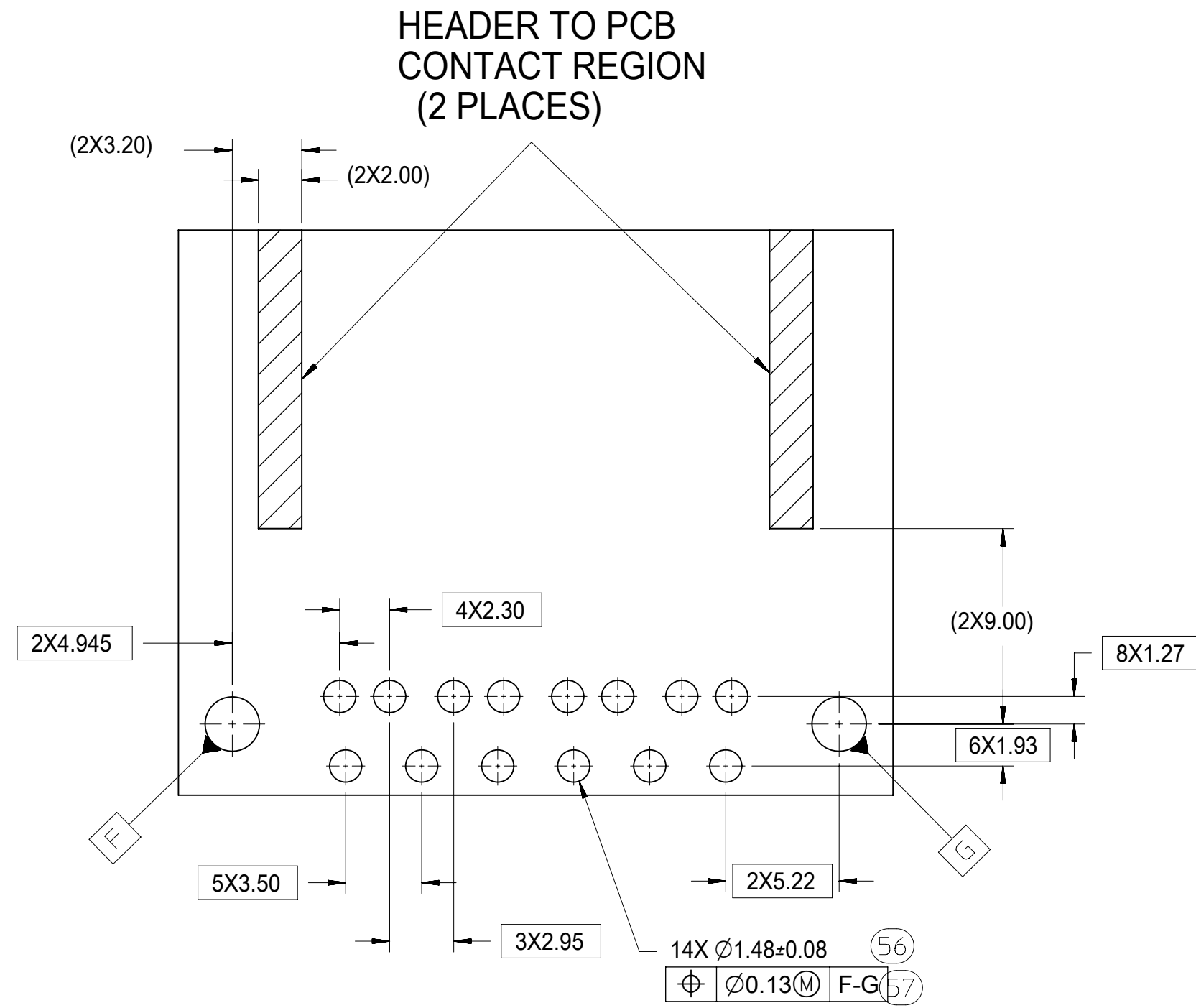
DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-34708-400 PSD 001 P

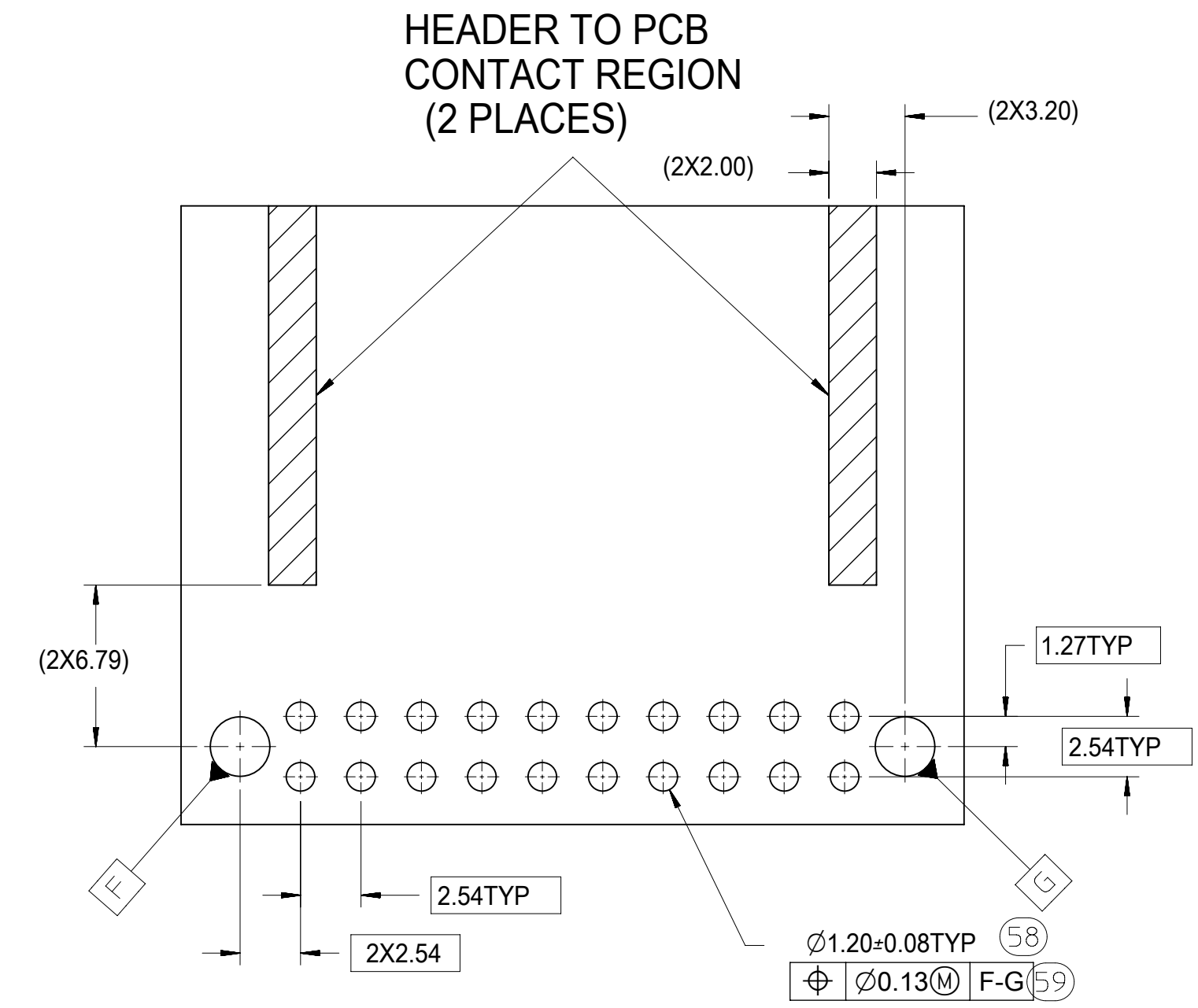
MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE TABLE GENERAL MARKET 4 OF 5

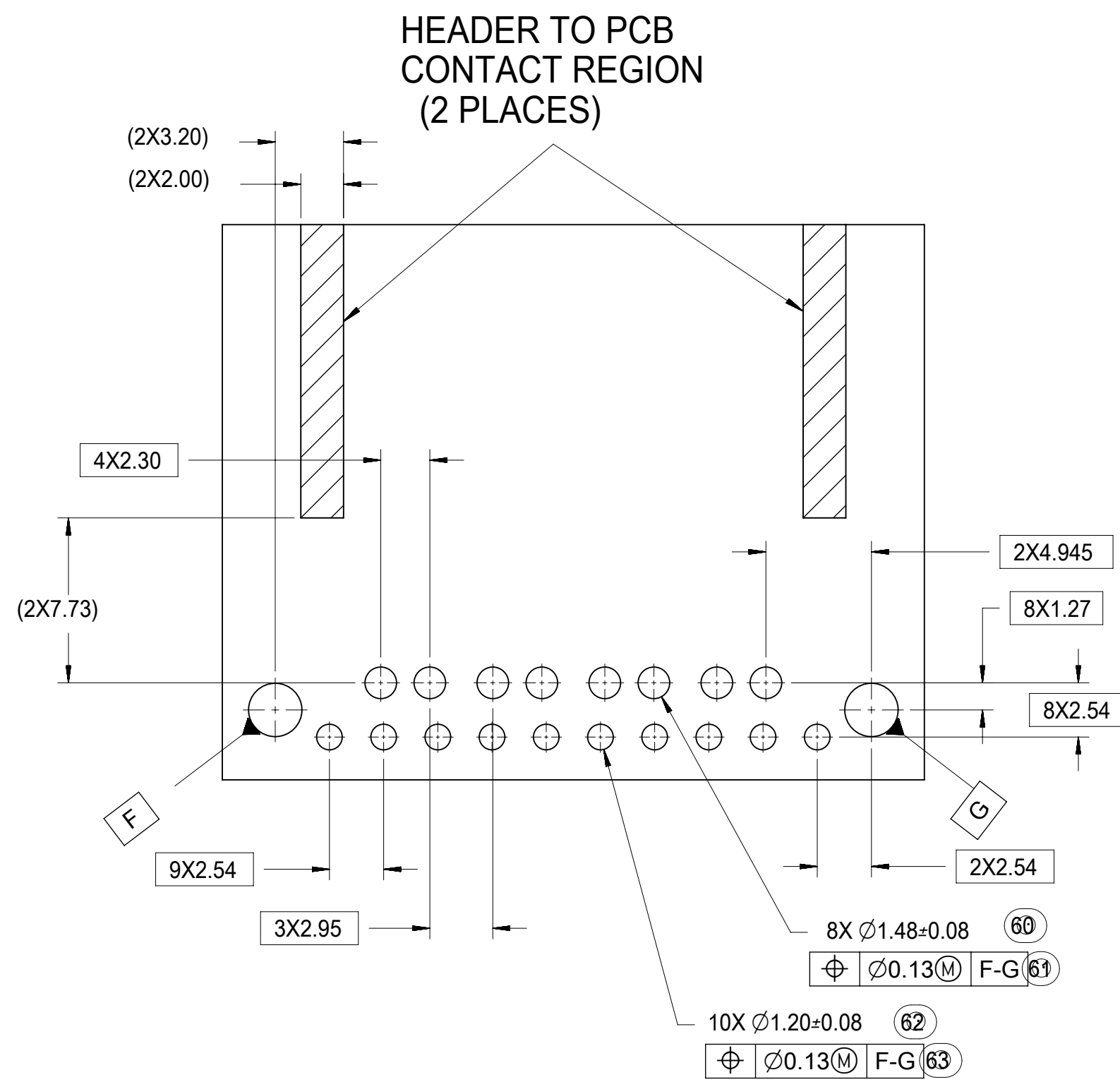
### 10 CKT HYBRID TEMPLATE PCB LAYOUT



### 8-20CKT 0.64mm TEMPLATE PCB LAYOUT

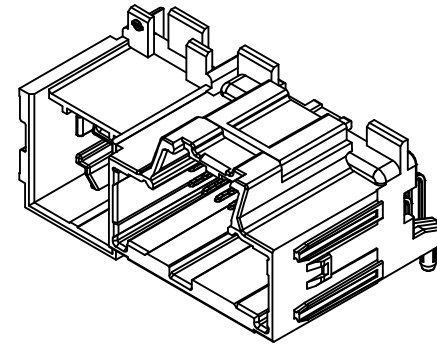
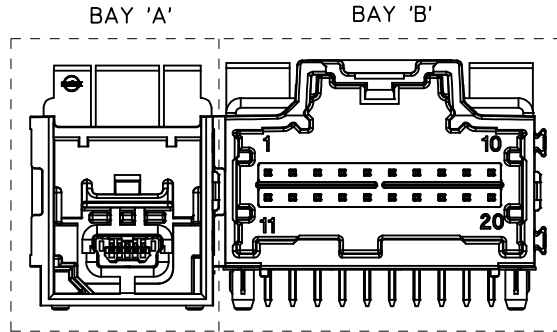


### 14 CKT HYBRID TEMPLATE PCB LAYOUT



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
▽ = 0	mm	1:1	<b>molex</b> 4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-34708-400   DOC TYPE: PSD   DOC PART: 001   REVISION: P MATERIAL NUMBER: SEE TABLE   CUSTOMER: GENERAL MARKET   SHEET NUMBER: 5 OF 5
▽ = 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	EC NO: 612618 DRWN: SHANDITHAVAL 2019/01/23 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23 INITIAL REVISION: DRWN: VDANIELE 2008/11/14 APPR: SMARCEAU 2008/11/14
▽ = 0		D-DRAWING	SERIES: 34708 D-SIZE: D-SIZE

2 BAY HS STAC RIGHT ANGLE HEADER ASSEMBLY  
(P/N: 34787-2000 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED  
1. GENERAL:

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

PRODUCT SPECIFICATION:  
8-20 CKT 0.64 PRODUCT SPEC: PS-31408-100  
10 CKT HYBRID PRODUCT SPEC: PS-31372-100  
HS STAC PRODUCT SPEC: TBD

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: TBD

c. PACKAGING SPECIFICATION PER MOLEX DRAWING TBD

2. DESIGN: MATERIALS:

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

b. HS STAC PINS:  
0.35mm PINS  
BASE MATERIAL: C70250  
PLATING TYPE: AS NOTED

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

150mm 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

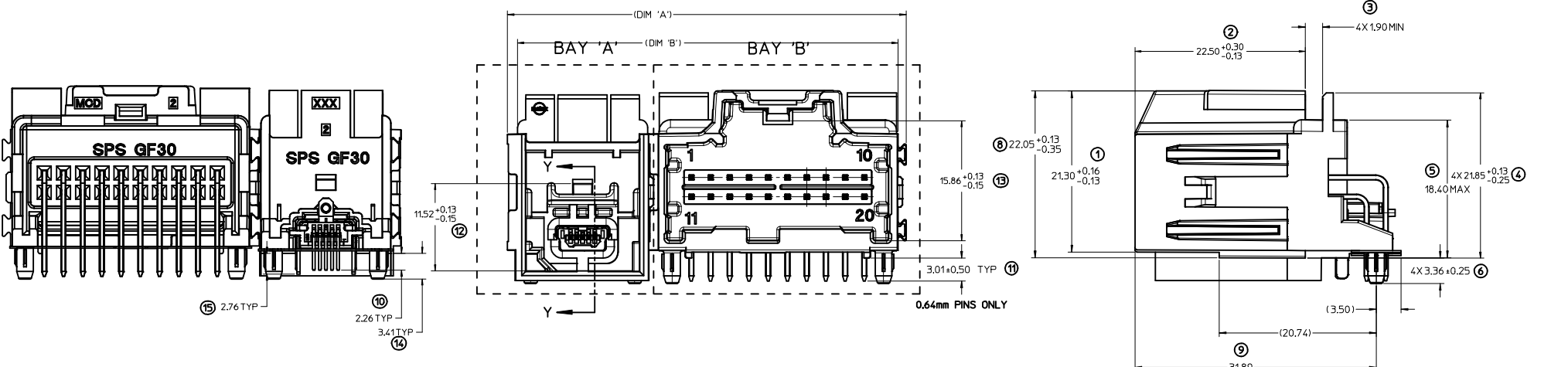
4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING

SINGLE BAY DRAWINGS:  
8-20 CKT 0.64: SD-34691-100  
10 CKT HYBRID: SD-34696-100  
HS STAC: SD-34786-100

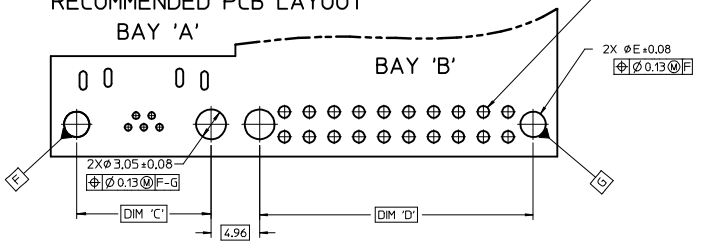
DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

2 BAY PART NUMBER	BAY A			BAY B			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
	CKT	TYPE	POL	CKT	TYPE	POL				
34787-2000	-	HS	A	20	0.64mm	A	52.73	50.27	13.73	27.94
34787-2010	-	HS	A	-	HS	E	38.52	36.06	13.73	13.73
34787-2020	12	0.64mm	A	-	HS	A	42.57	40.11	13.73	17.78

<b>REVISED</b> EC NO: UAU2012-1387 DRAWN: DANIELE 2012/05/10 CHKD: APPR: SMARCEAU 2012/05/11 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	MM ONLY	4:1	METRIC	DRAWN BY: DANIELE DATE: 2010/06/124 CHECKED BY: JDUNA J DATE: 2010/06/129 APPROVED BY: SMARCEAU DATE: 2010/07/08
						TITLE: 2-BAY HSSTAC RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING MATERIAL NO. SEE CHART DOCUMENT NO. SD-34787-200
						MOLEX INCORPORATED SHEET NO. 1 OF 2

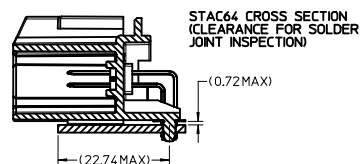


INSERT NECESSARY BAYS USING CHART ON SHEET 1.  
RECOMMENDED PCB LAYOUT

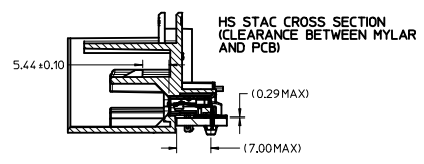


POST HOLE TABLE:  
FOR DIM E:

PRESS FIT:	2.60
DROP IN:	3.05



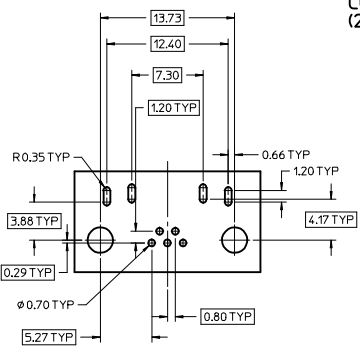
FLUSH MOUNTING: HEADER-TO-PCB SCALE 2:1



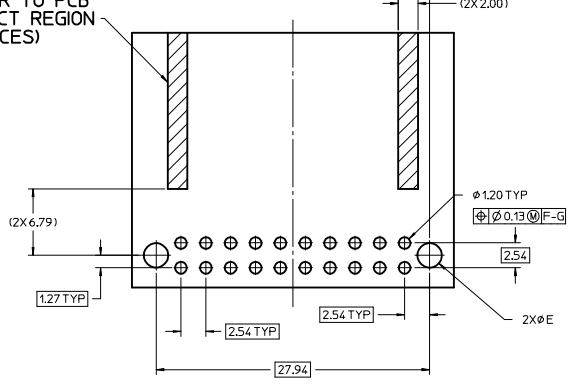
FLUSH MOUNTING HEADER-TO-PCB SCALE 2:1

\* RECOMMENDED FOR PIN THROUGH PASTE REFLOW PROCESSING \*

HS STAC TEMPLATE PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



REVISED EC NO: UAU2012-1387 DRAWN/DANIELE 2010/05/10 CHKD: APPR:SMARCEAU 2012/05/11 DESCRIPTION	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	4 PLACES ± 0.30 3 PLACES ± 0.25 2 PLACES ± 0.13 1 PLACE ± 0.25		mm    INCH ± 0.30    ± 0.0125 ± 0.25    ± 0.01 ± 0.13    ± 0.005 ± 0.25    ± 0.01		MM ONLY		4:1	METRIC	TITLE 2-BAY HSSTAC RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DATE 2010/06/24 2010/06/29 2010/07/08		MOLEX INCORPORATED		SHEET NO. 2 OF 2
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO. SD-34787-200						