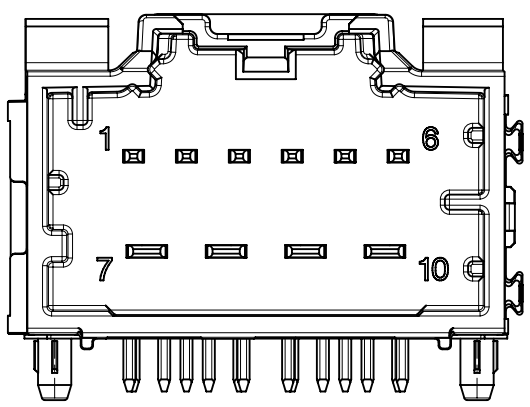
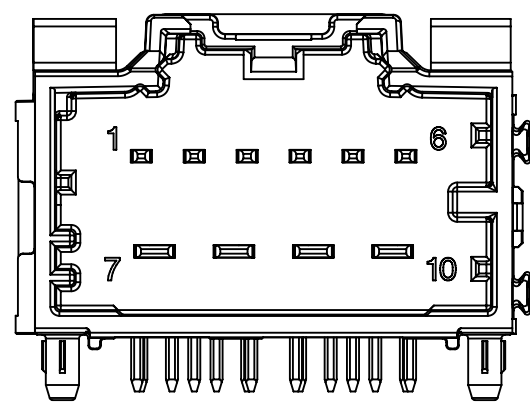


OPTION 'A'

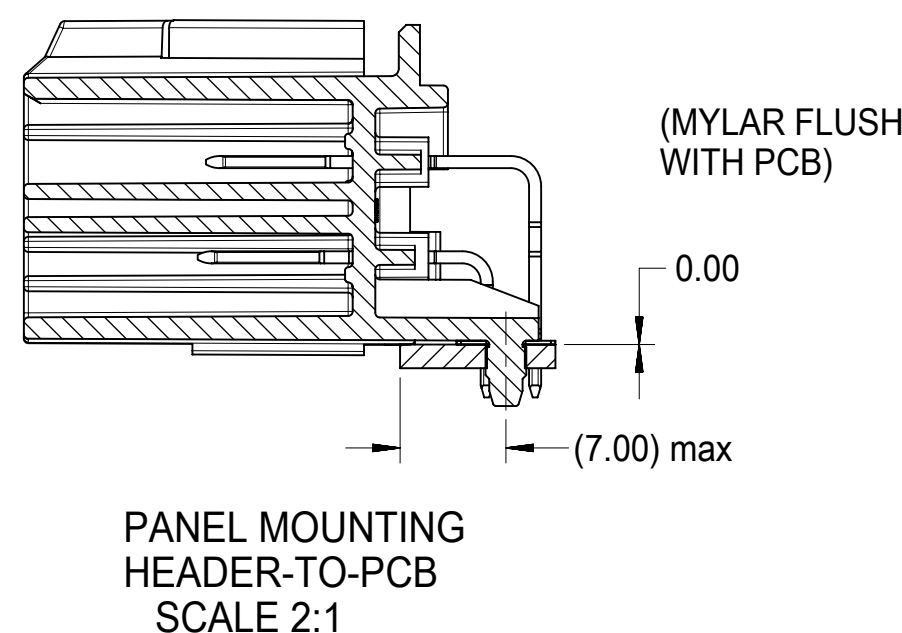
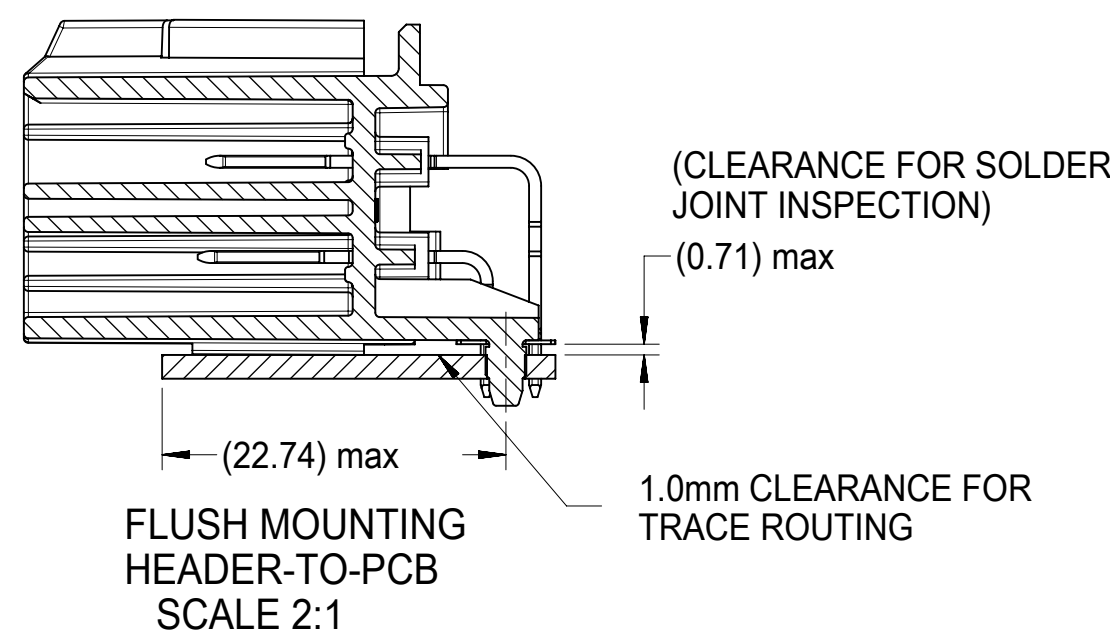
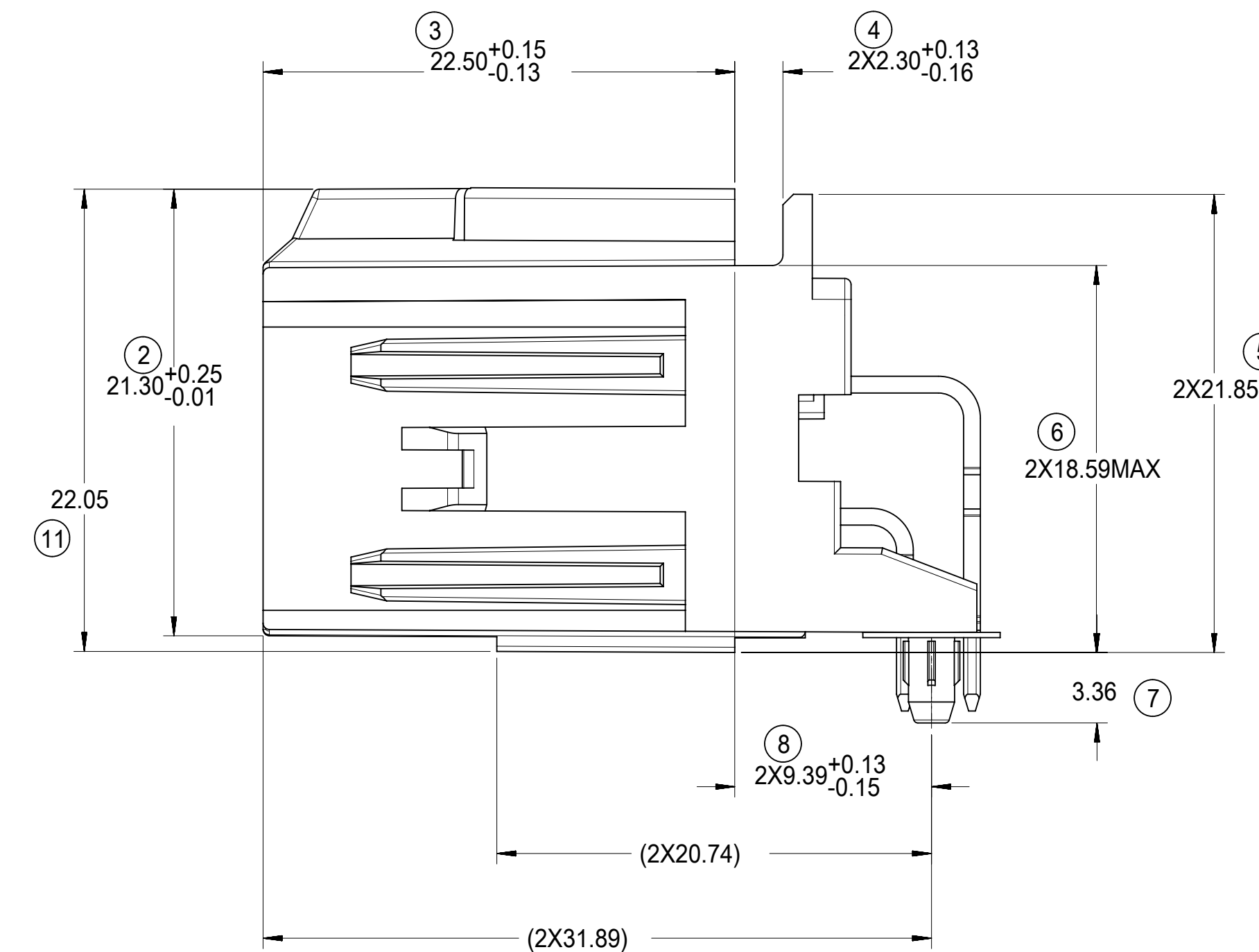
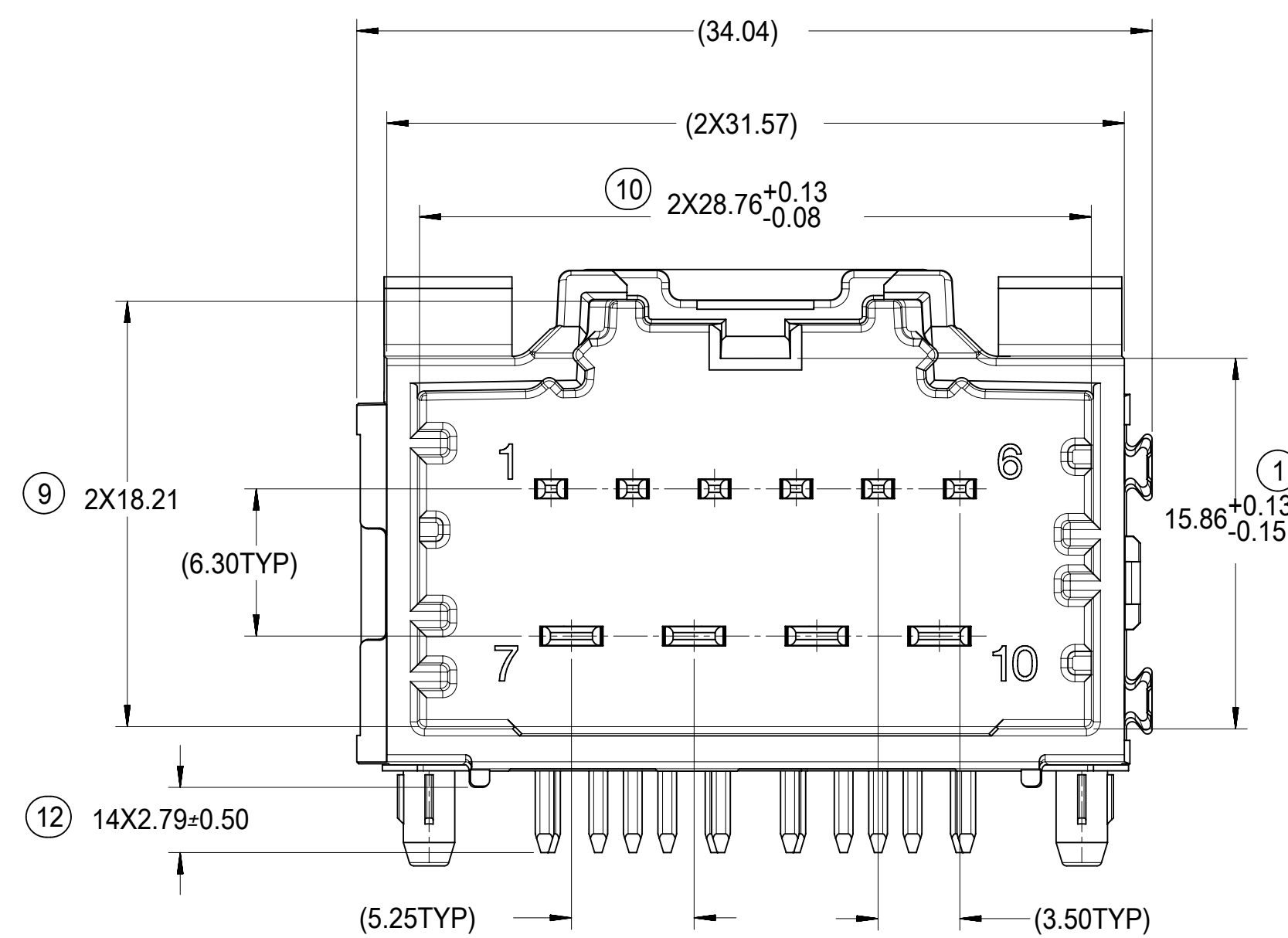


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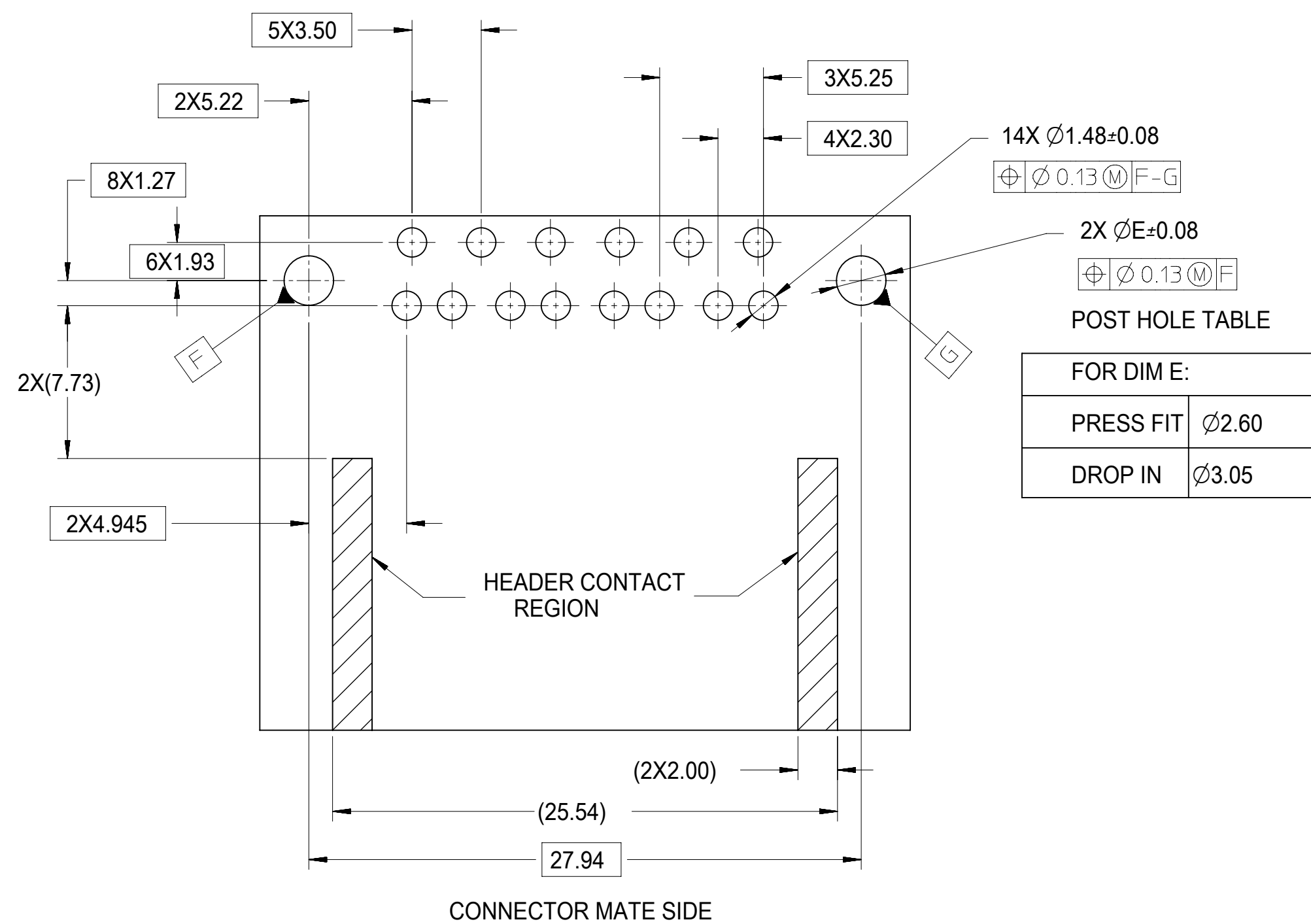


OPTION 'C'

MATERIAL NUMBER			CKT SIZE	DESCRIPTION	POL	COLOR
TUBE PACK	TRAY PACK	ALT TRAY				
34696-9100	34696-0100	34696-9103	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY (4 x 2.8mm + 6 x 1.5mm)	A	BLACK
34696-9101	34696-0101	34696-9104	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY (4 x 2.8mm + 6 x 1.5mm)	B	GREY
34696-9102	34696-0102	34696-9105	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY (4 x 2.8mm + 6 x 1.5mm)	C	BROWN



RECOMMENDED PCB LAYOUT



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-34729-020

SEE PRODUCT SPECIFICATION = PS-31372-100

MATES WITH: SD-31372-900

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

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

c. PIN ALIGNMENT PLATE: MYLAR

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

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	4:1		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 0	ANGULAR TOL	± 3.0°	EC NO: 171516	
▽ = 0	4 PLACES	±	DRWN: MYOUNG01	2018/01/29
▽ = 0	3 PLACES	±	CHK'D: RBAUMAN	2018/01/30
▽ = 0	2 PLACES	± 0.13	APPR: RBAUMAN	2018/01/30
▽ = 0	1 PLACE	± 0.25	INITIAL REVISION:	
▽ = 0	0 PLACES	±	DRWN: MBAILEY	2007/09/06
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU	2007/09/10
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
▽ = 0		D-SIZE	34696	SEE CHART
		CUSTOMER	GENERAL MARKET	
		DOCUMENT NUMBER		DOC TYPE
		SD-34696-100		PSD
		DOC PART	001	REVISION
		K7		
		SHEET NUMBER		1 OF 1

molex

STAC64 SINGLE BAY R/A
10 CKT. HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

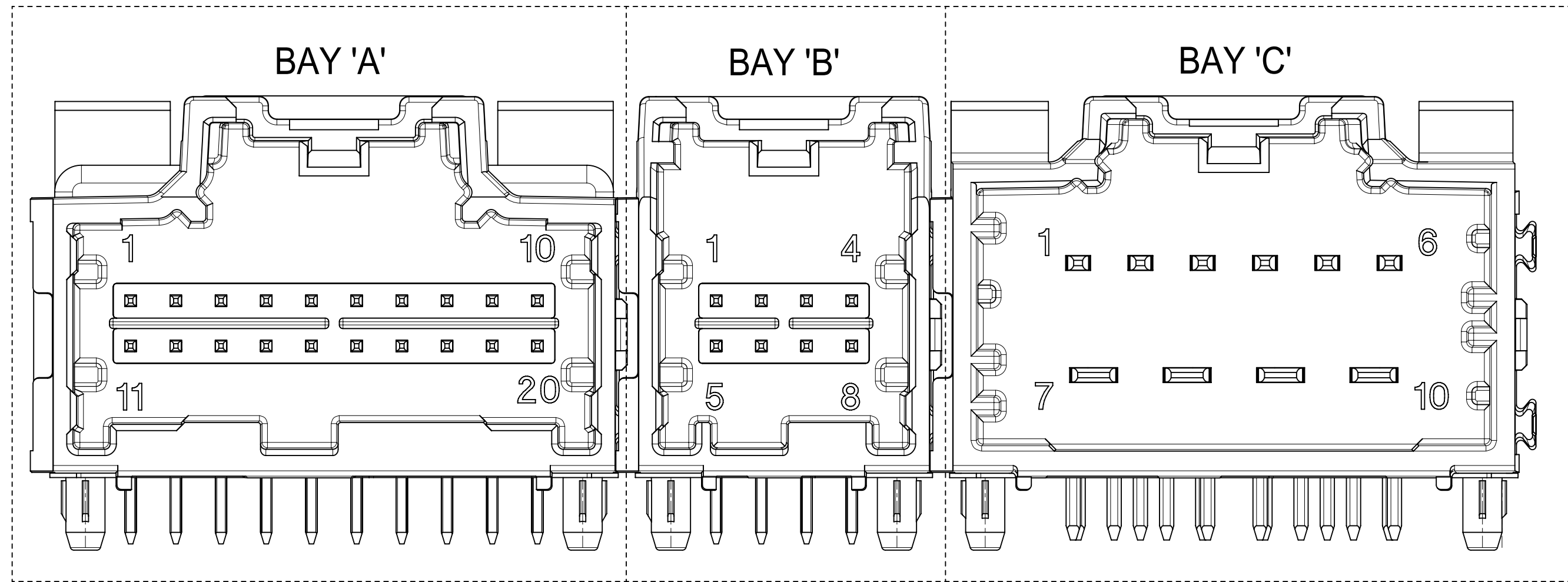
DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-34696-100 PSD 001 K7

MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE CHART GENERAL MARKET 1 OF 1

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	mm	SCALE	1:1	CURRENT REV DESC:					molex									
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 612618														
	= 0	ANGULAR TOL ± 1.0°			DRWN: SHANDITHAVAL 2019/02/22														
	= 0	4 PLACES ±			CHK'D: RBAUMAN 2019/02/23														
	= 0	3 PLACES ±			APPR: RBAUMAN 2019/02/23														
	= 0	2 PLACES ± 0.13			INITIAL REVISION:														
	= 0	1 PLACE ± 0.25			DRWN: JDUNAJ 2009/03/10														
	= 0	0 PLACES ±			APPR: SMARCEAU 2009/03/11														
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
	= 0					D-SIZE		34708		SD-34708-300		PSD		001		U8			
DOCUMENT STATUS										P1									
RELEASE DATE										2019/02/23 23:33:02									
MATERIAL NUMBER										GENERAL MARKET									
SHEET NUMBER										1 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					
	34708-3000	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 REVISION
SD-34708-300		PSD 001 U8
MATERIAL NUMBER		CUSTOMER
GENERAL MARKET		SHEET NUMBER
		2 OF 6

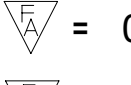
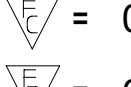
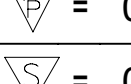

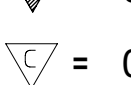
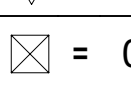

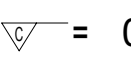



3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

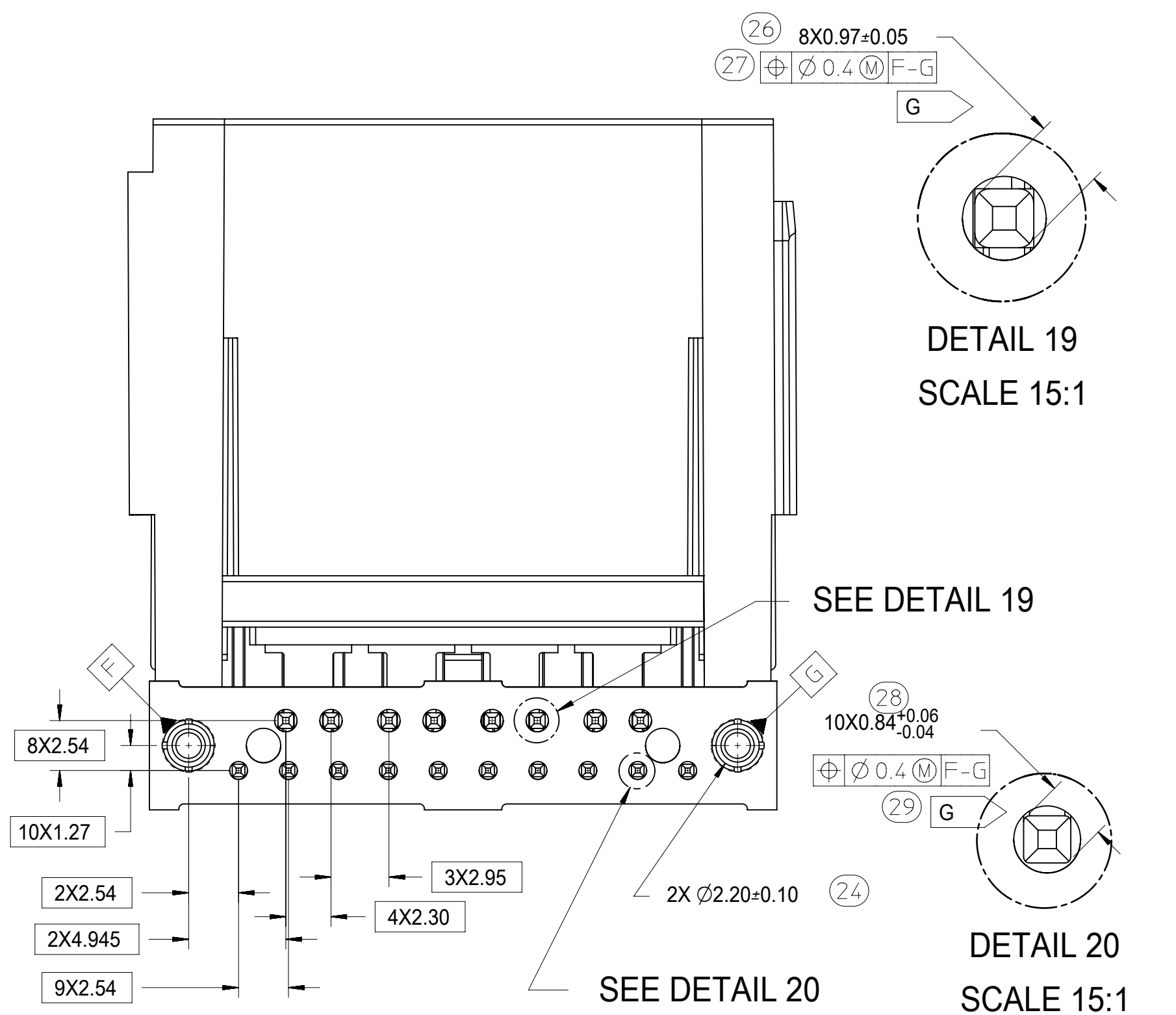
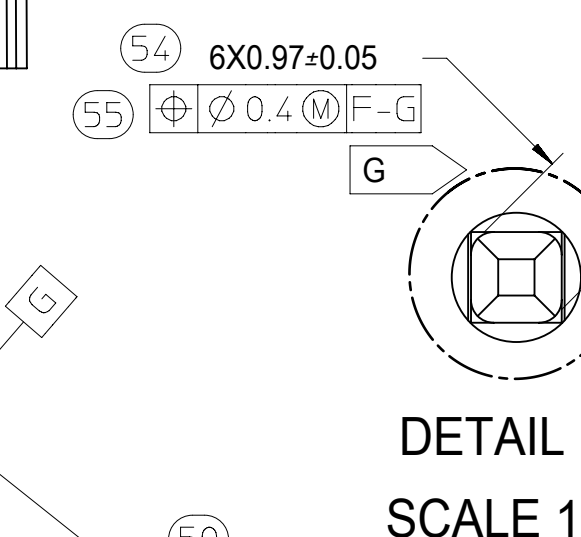
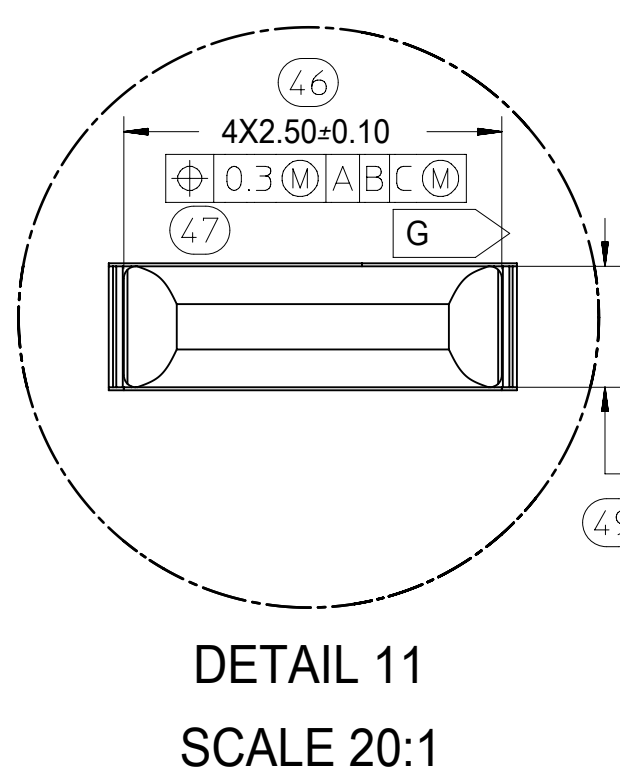
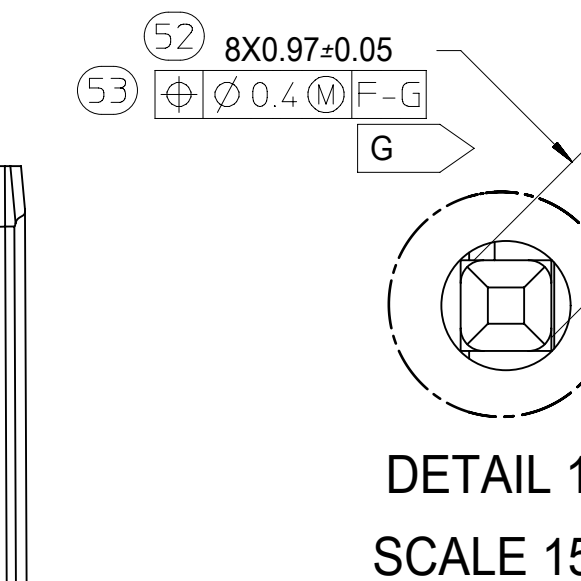
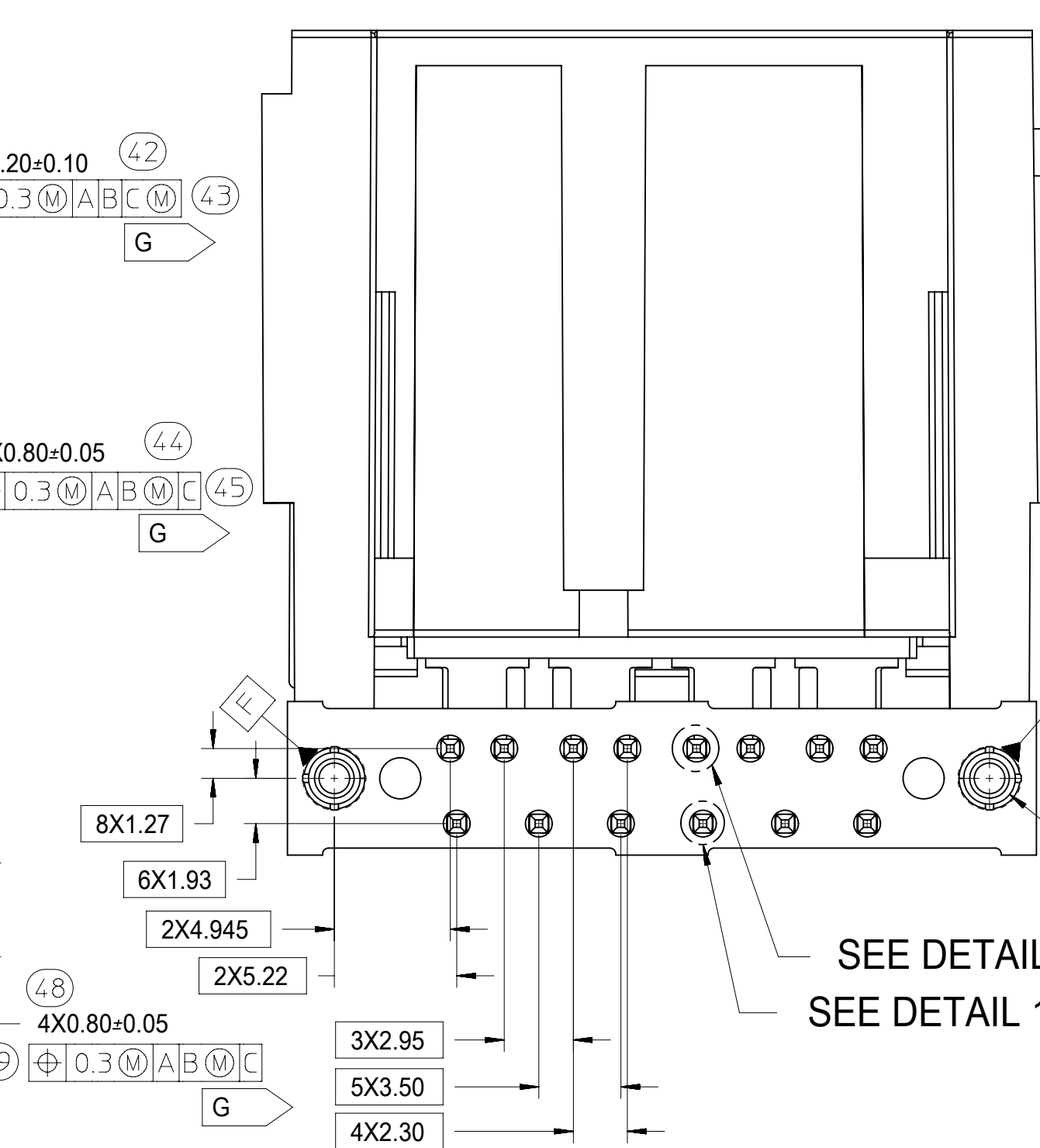
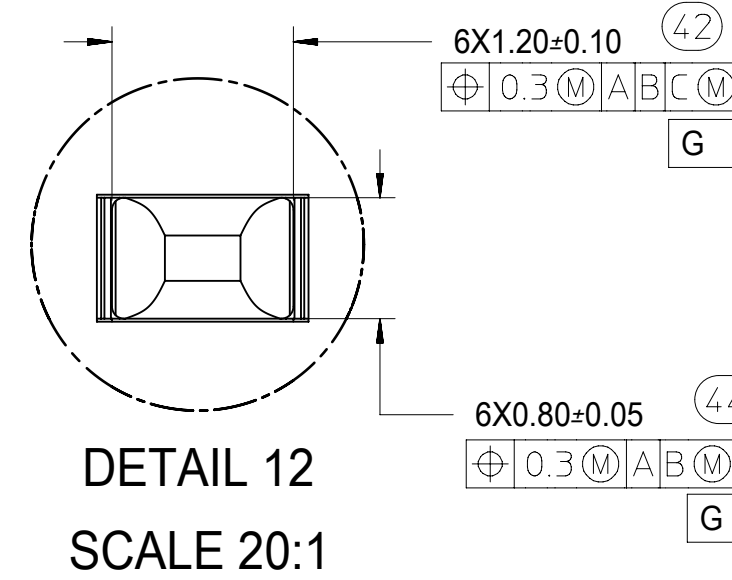
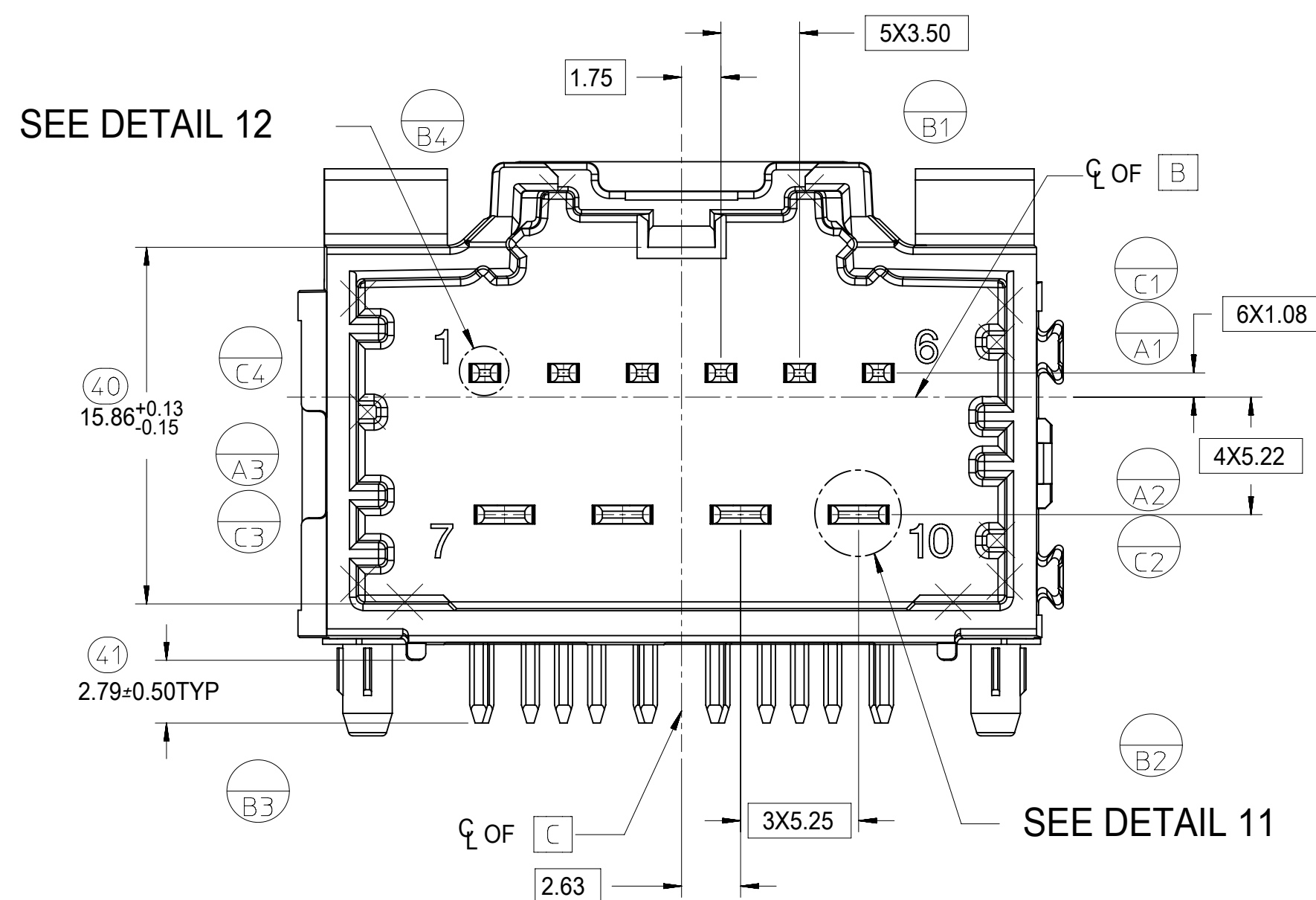
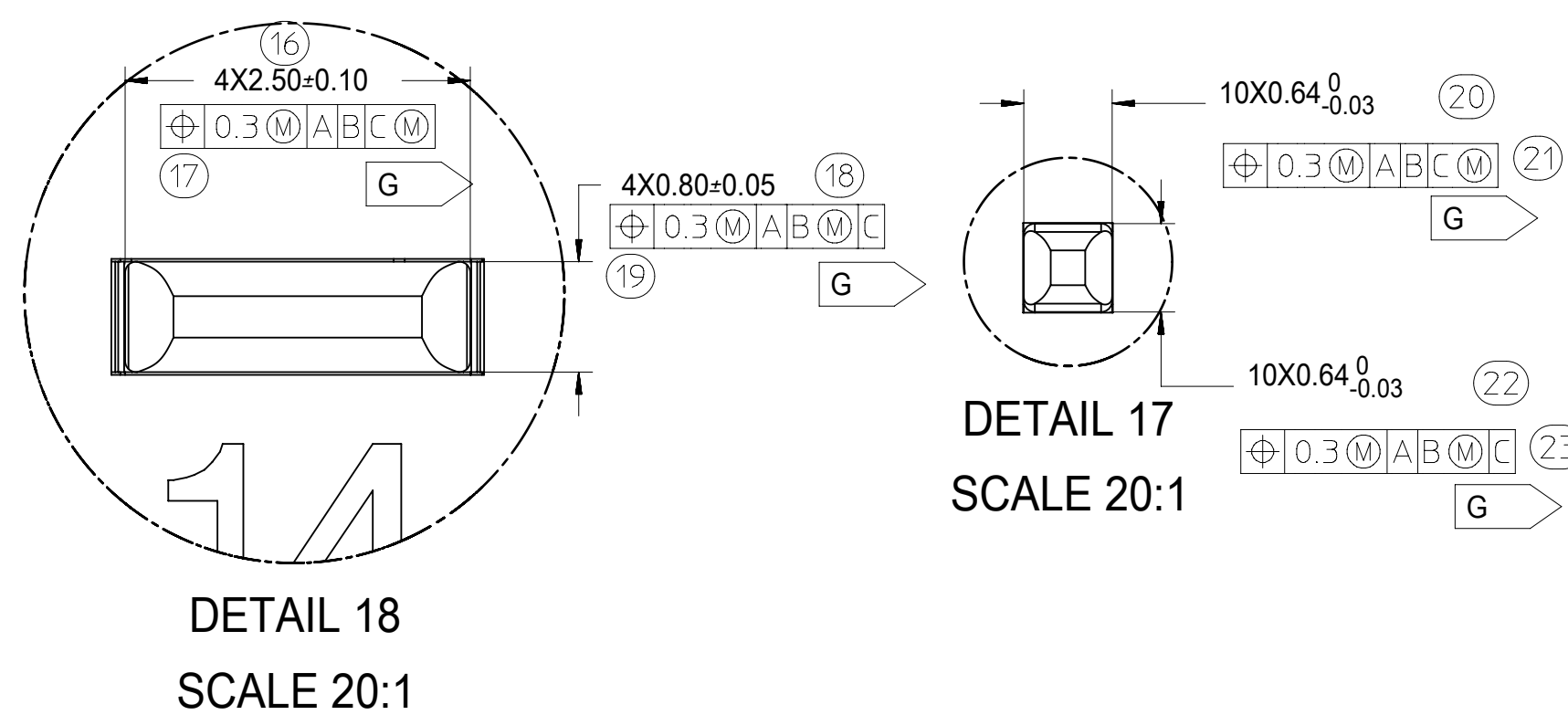
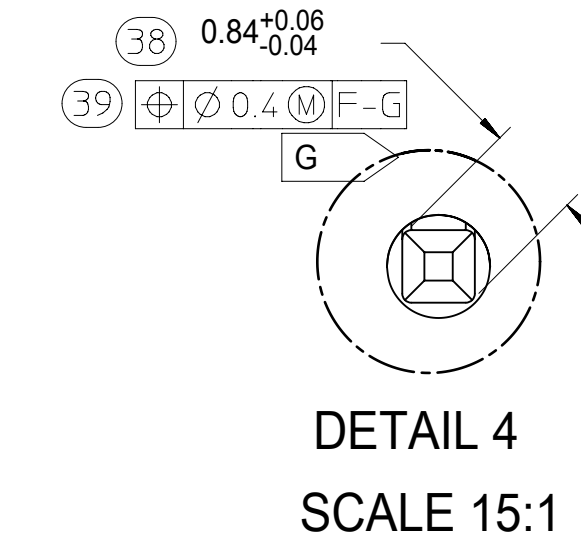
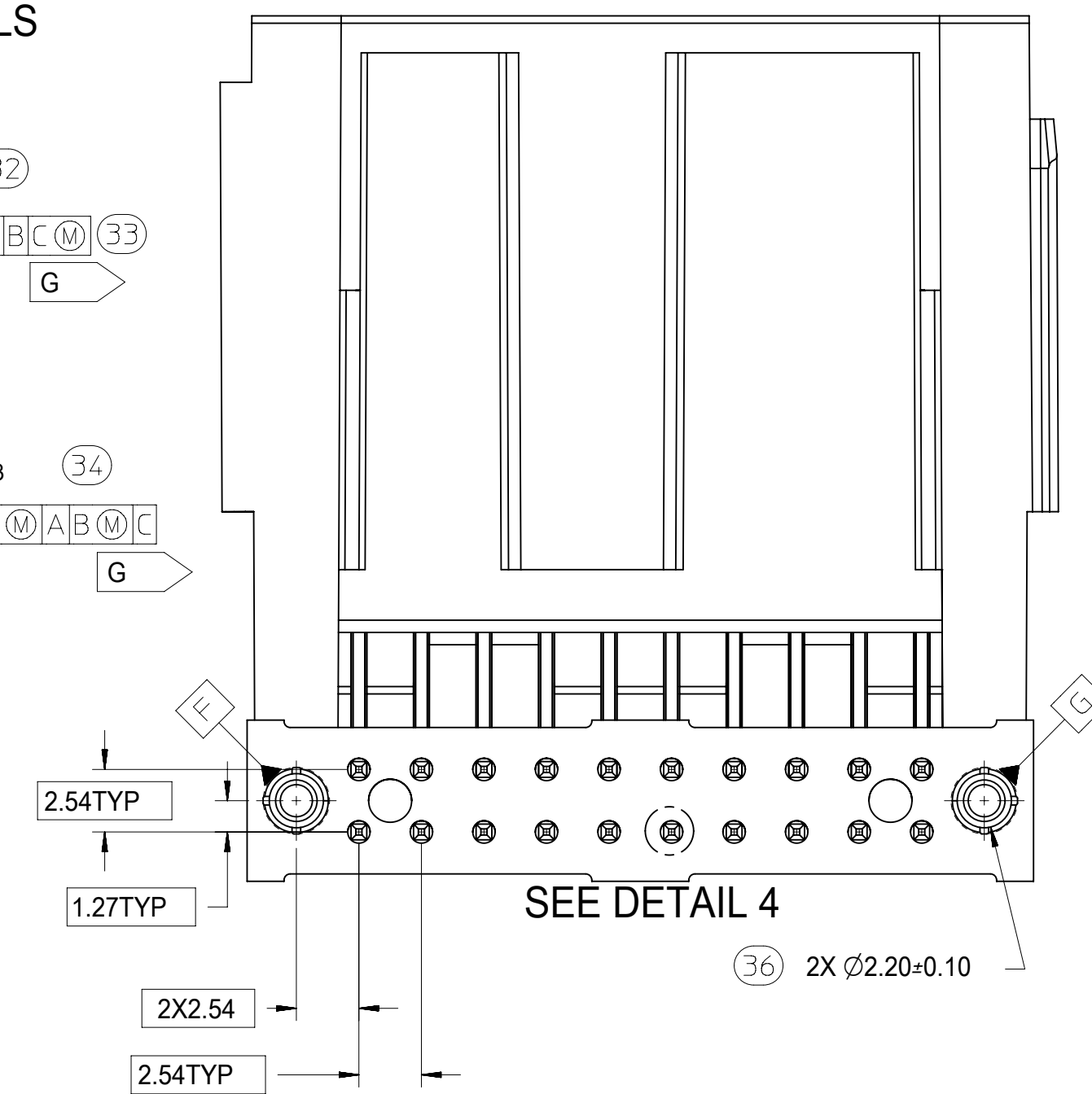
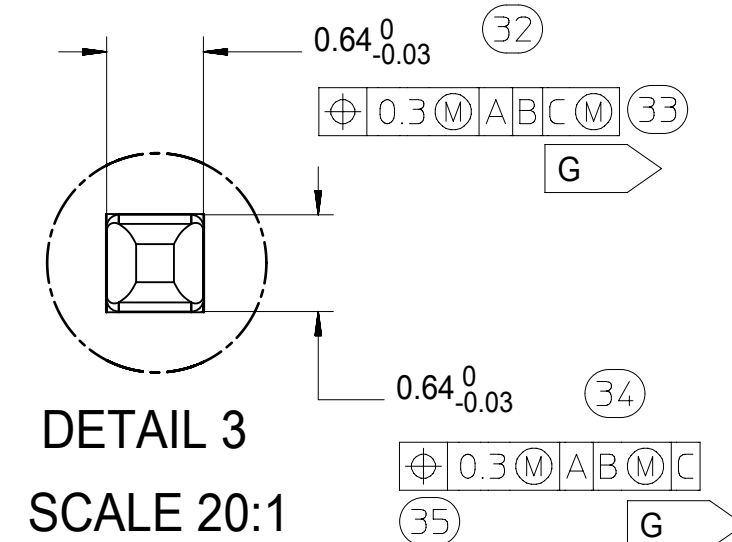
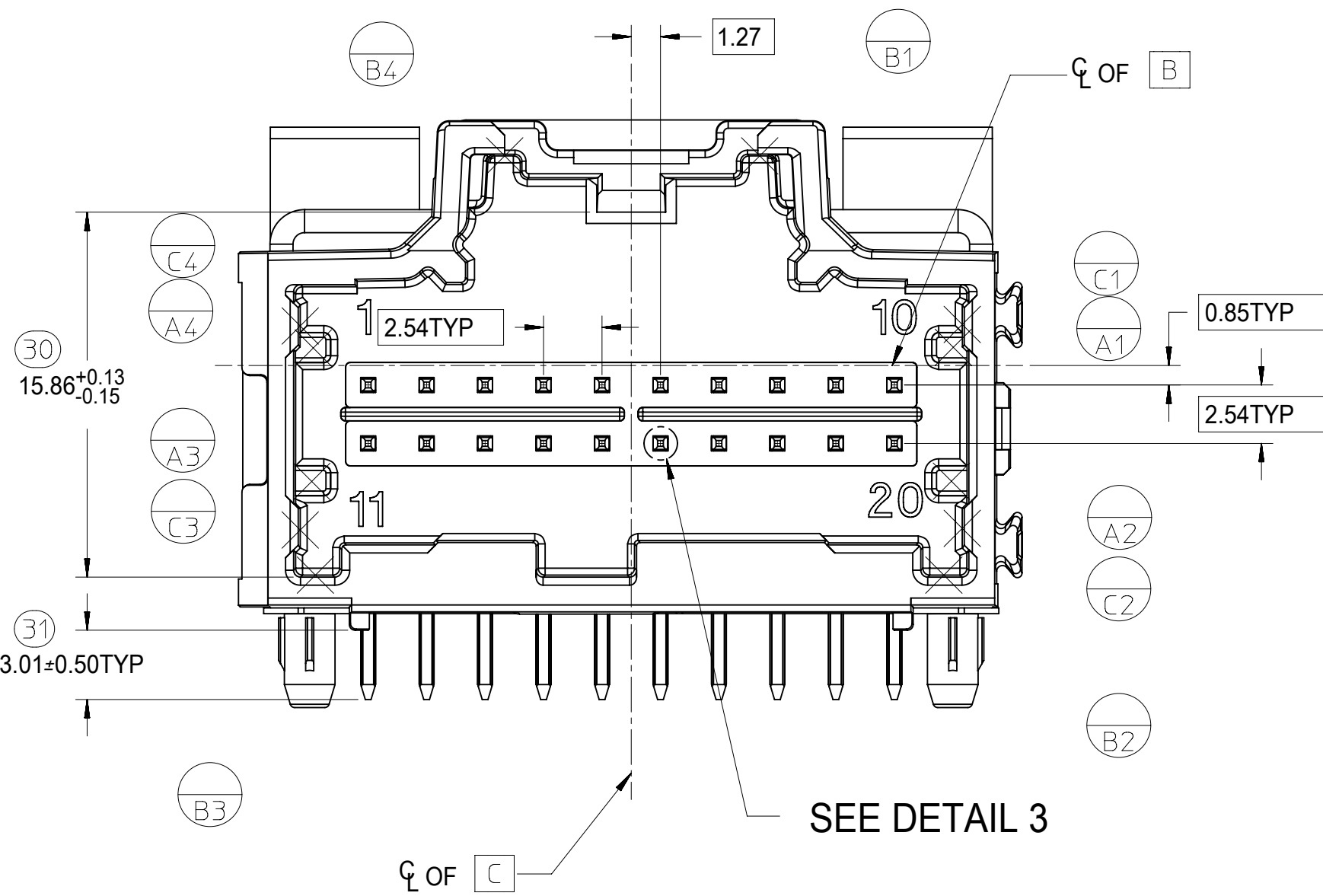
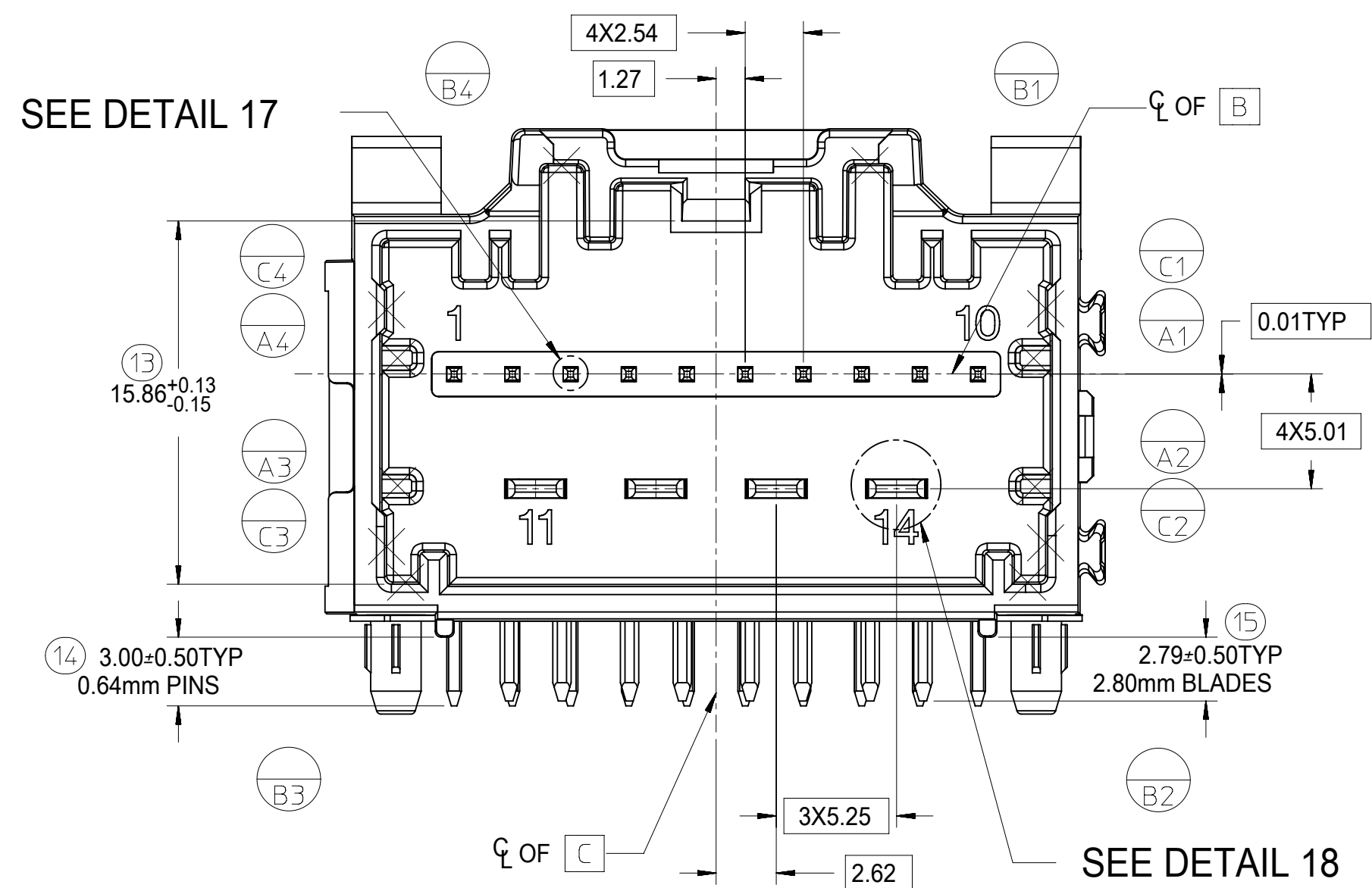
PRODUCT CUSTOMER DRAWING

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

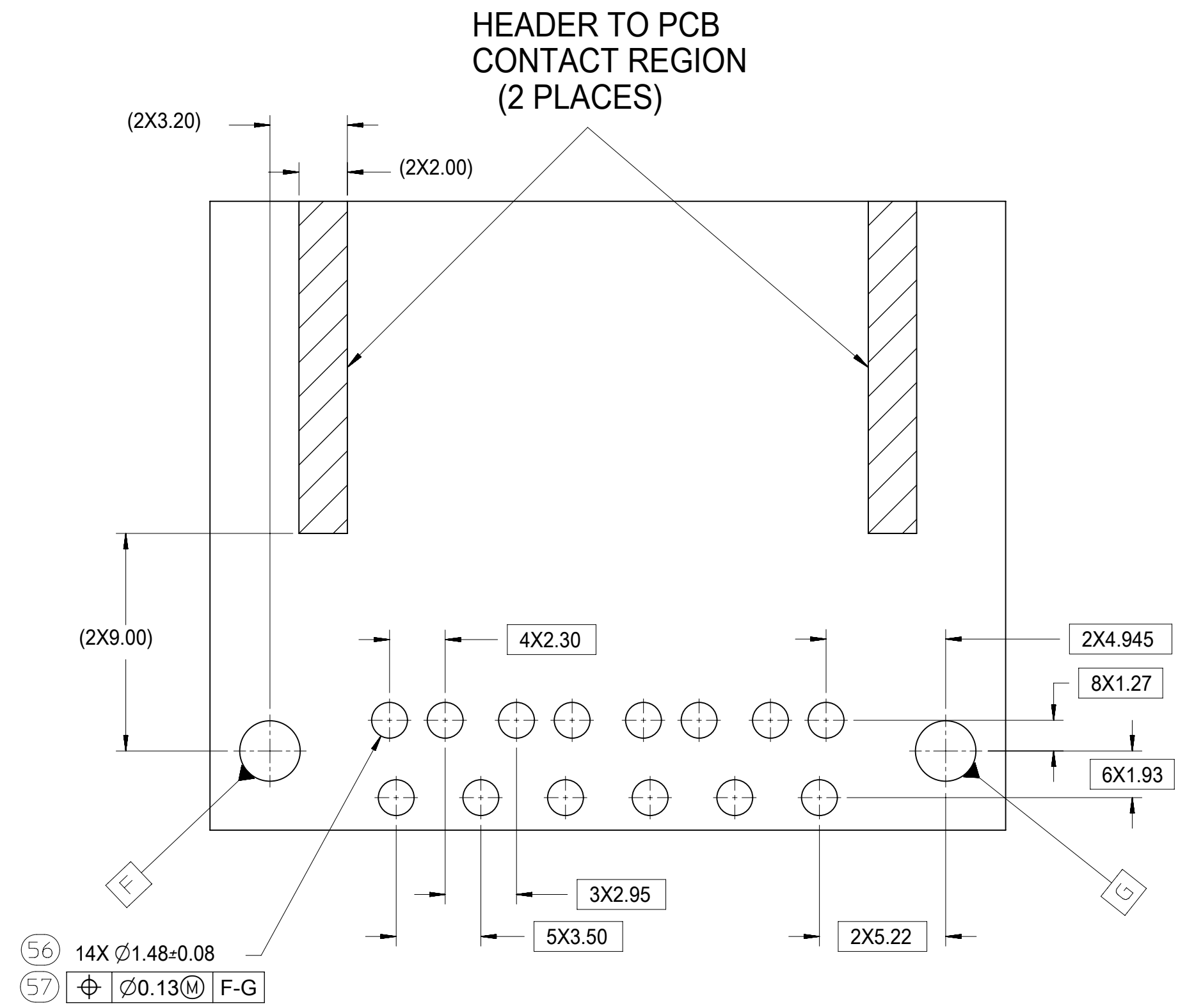
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	DIMENSION UNITS	SCALE	EC NO: 612618					DOCUMENT NUMBER
	mm	1:1	DRWN: SHANDITHAVAL 2019/02/22		SD-34708-300	PSD	001	U8
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: RBAUMAN 2019/02/23		PRODUCT CUSTOMER DRAWING			
	ANGULAR TOL ± 1.0°		APPR: RBAUMAN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

8-20 CKT 0.64mm HEADER DETAILS

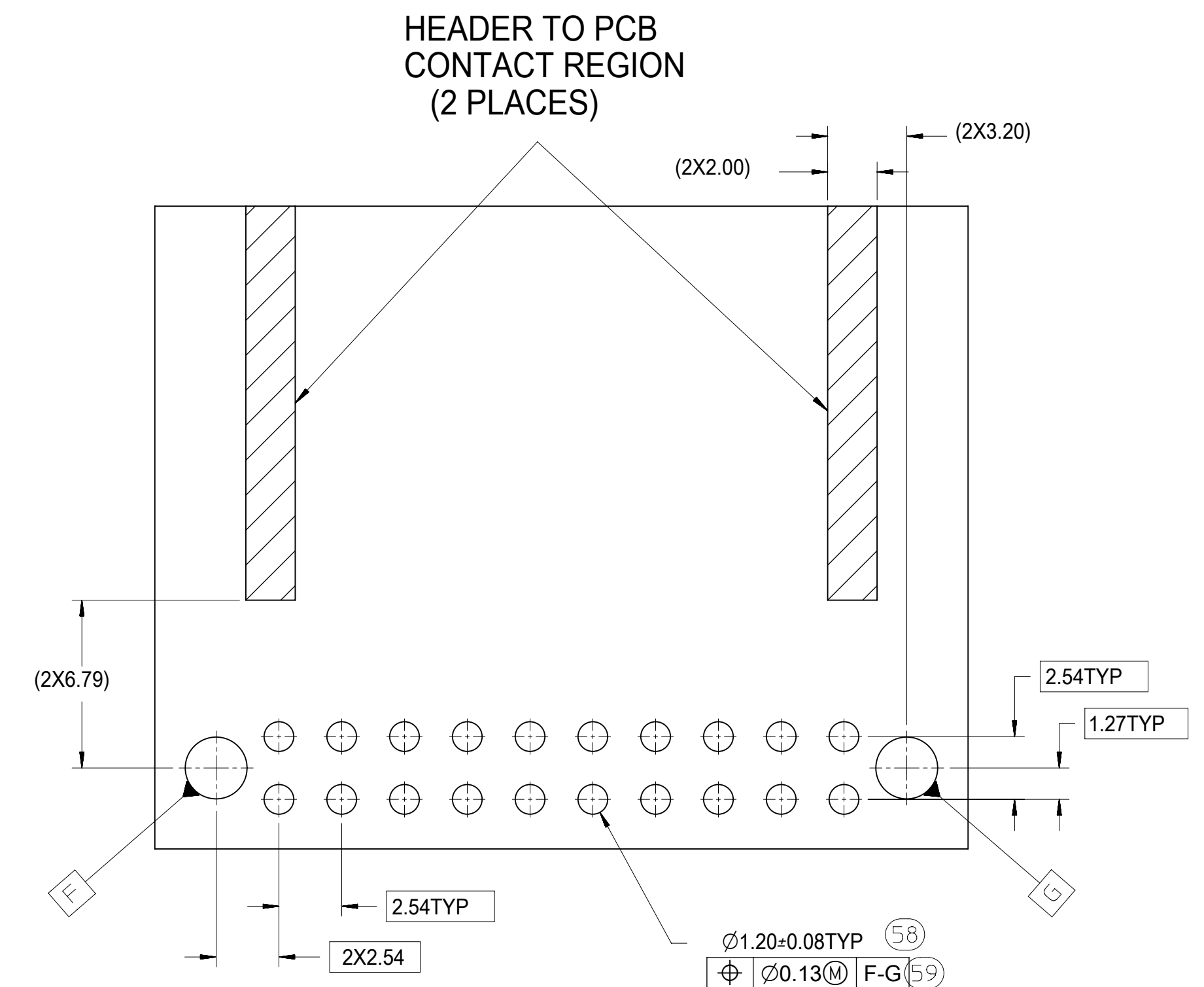


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
	DIMENSION UNITS	SCALE		
▽ = 0	mm	1:1		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 0	ANGULAR TOL ± 1.0°			
▽ = 0	4 PLACES ±			
▽ = 0	3 PLACES ±			
▽ = 0	2 PLACES ± 0.13			
▽ = 0	1 PLACE ± 0.25			
▽ = 0	0 PLACES ±			
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING SERIES D-SIZE 34708
▽ = 0				MATERIAL NUMBER CUSTOMER SHEET NUMBER SD-34708-300 GENERAL MARKET 4 OF 6

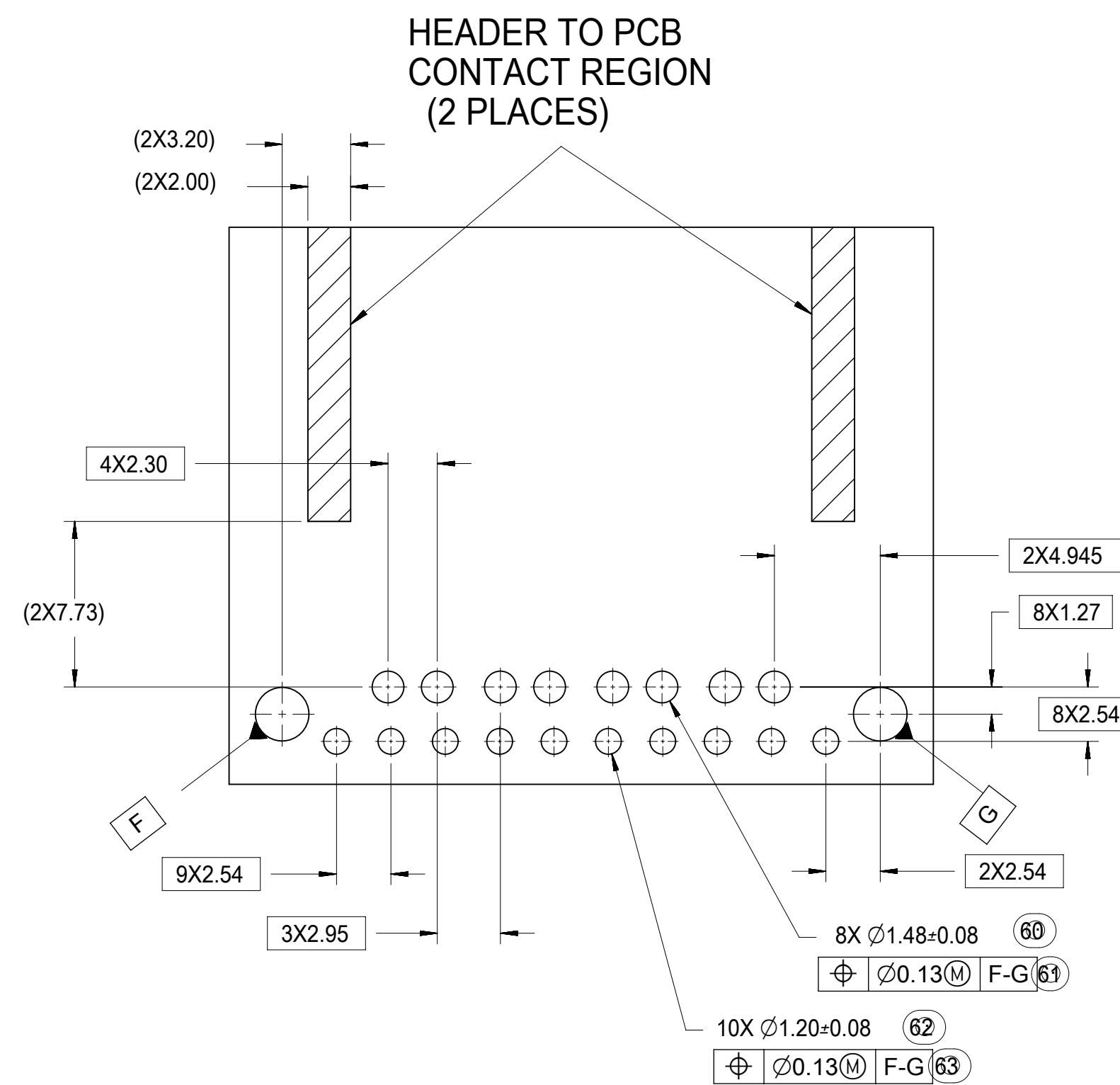
10 CKT HYBRID TEMPLATE PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE PCB LAYOUT

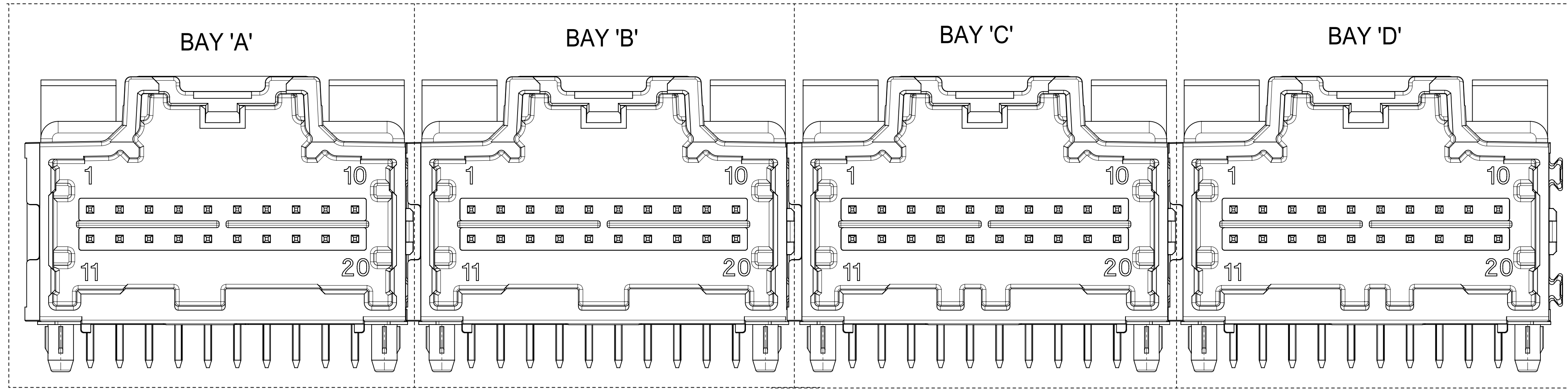


14 CKT HYBRID TEMPLATE PCB LAYOUT



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:
▽ = 0	mm	1:1	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL	± 1.0°	
▽ = 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
▽ = 0	0 PLACES	±	INITIAL REVISION:
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES
		D-SIZE	34708
		MATERIAL NUMBER	CUSTOMER
		SD-34708-300	GENERAL MARKET
		DOC TYPE	DOC PART
		PSD	001
		REVISION	U8
		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

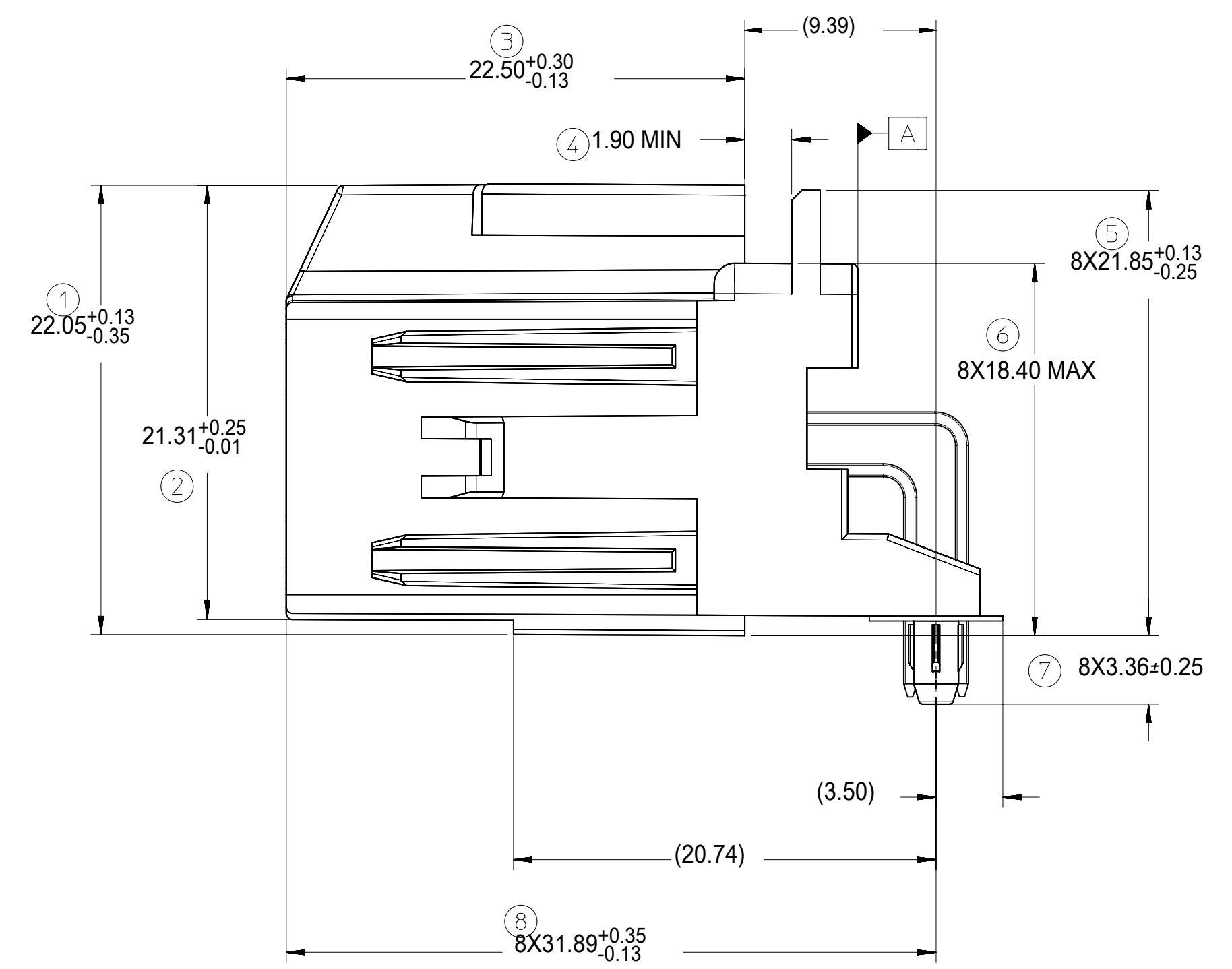
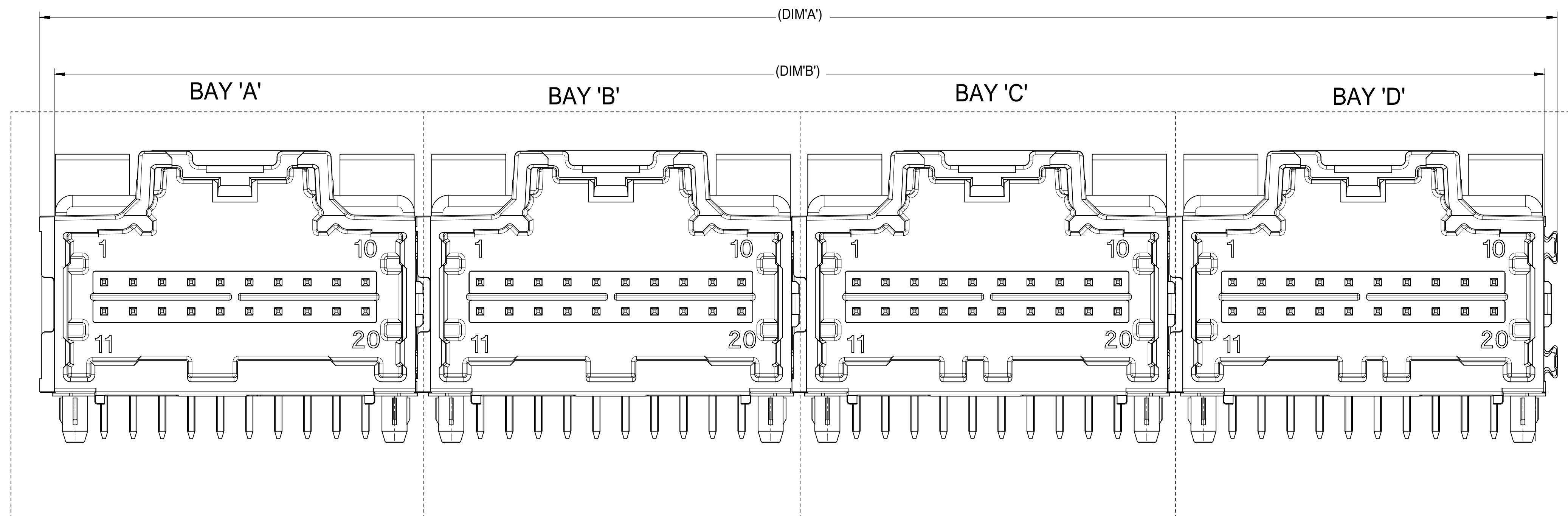
SINGLE BAY DRAWINGS:
 8-20 CKT 0.64: SD-34691-100
 10 CKT HYBRID: SD-34696-100
 14 CKT HYBRID: SD-34773-100

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:							<h1 style="margin: 0;">molex</h1>			
	mm	1:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 612618							4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING			
	ANGULAR TOL ± 1.0°		DRWN: SHANDITHAVAL 2019/01/23										
	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-34708-400			
	1 PLACE ± 0.25		DRWN: VDANIELE 2008/11/14									DOC TYPE PSD	DOC PART 001
	0 PLACES ±		APPR: SMARCEAU 2008/11/14										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 34708		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 5

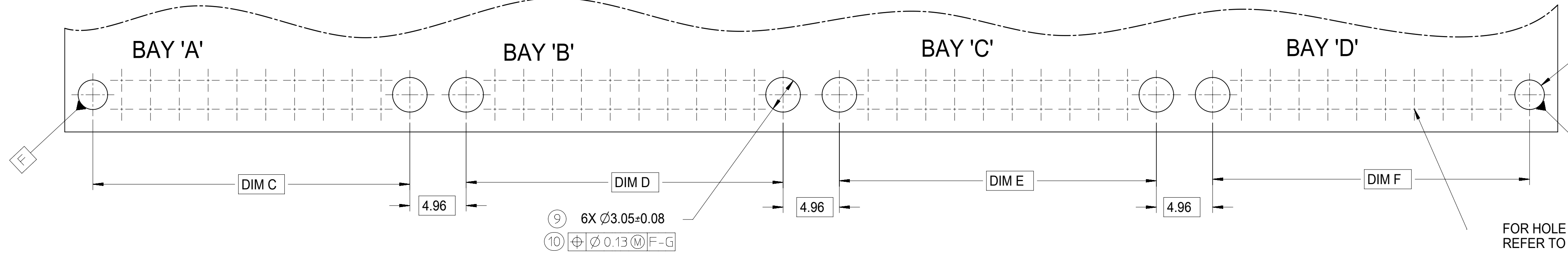
DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION

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	molex 4-BAY STAC64 RIGHT ANGLE 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 2019/01/23 CHK'D: RBAUMAN 2019/02/23 APPR: RBAUMAN 2019/02/23
▽ = 0	1 PLACE	± 0.25	INITIAL REVISION: DRWN: VDANIELE 2008/11/14 APPR: SMARCEAU 2008/11/14
▽ = 0	0 PLACES	±	DOCUMENT NUMBER: SD-34708-400 DOC TYPE: PSD DOC PART: 001 REVISION: P
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 5
▽ = 0		DRAWING: D-SIZE SERIES: 34708	

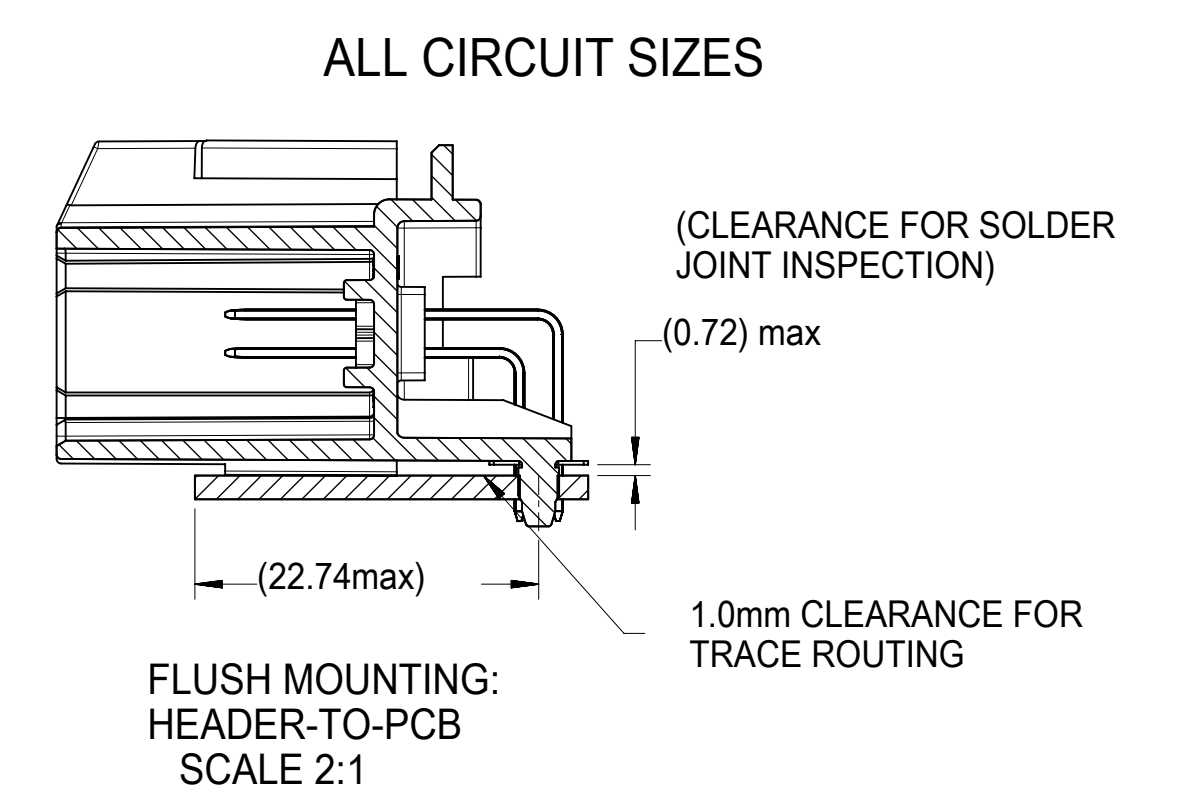


RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAYS USING CHART ON SHEET 2.



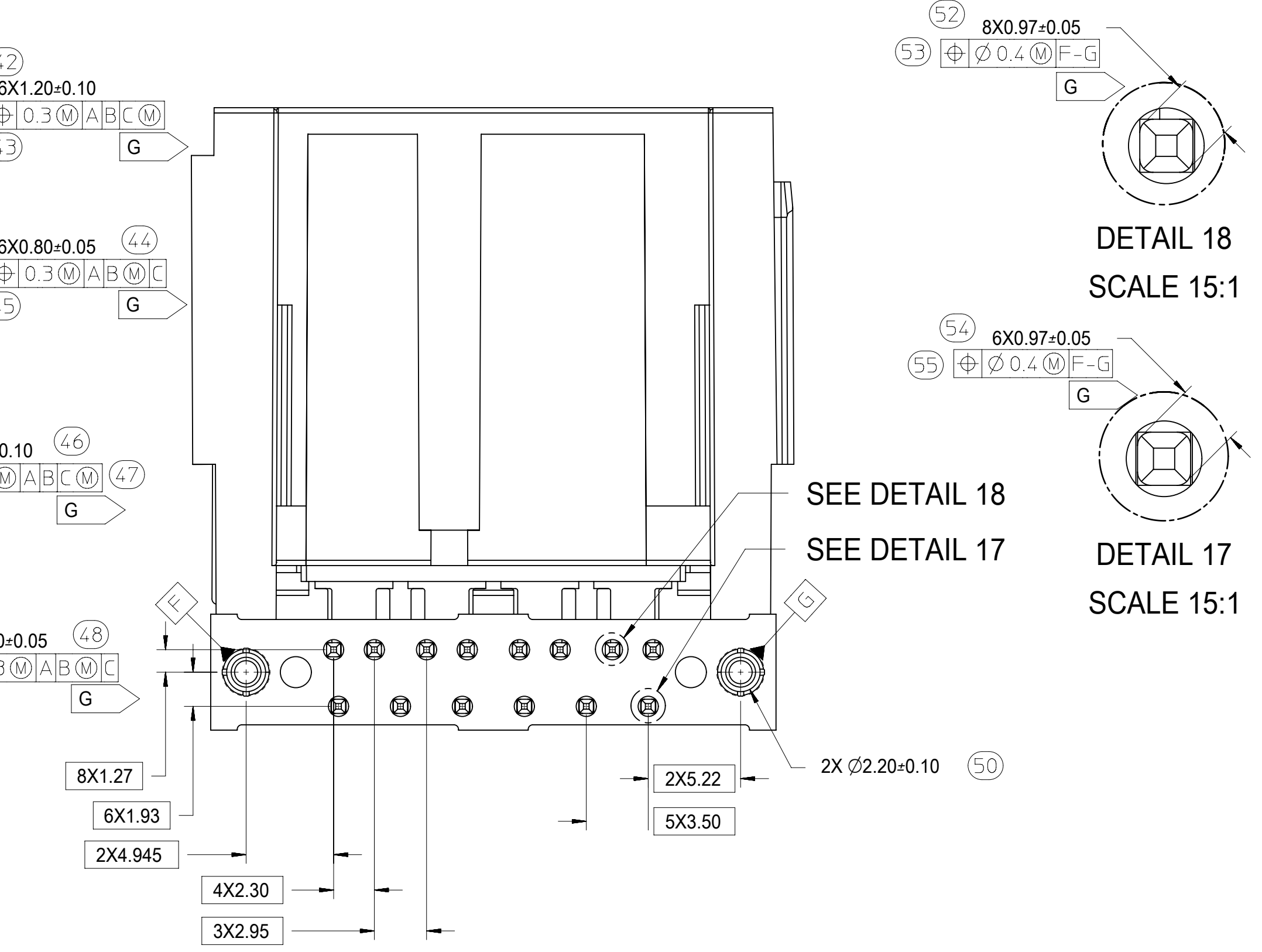
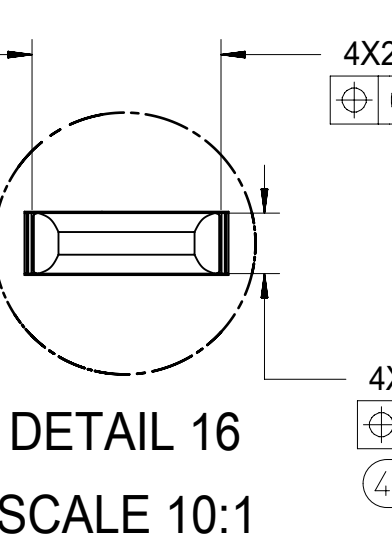
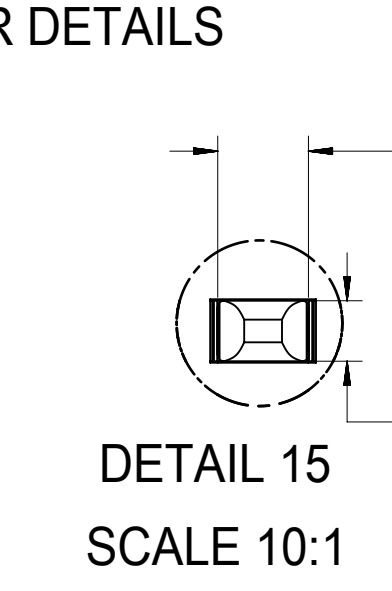
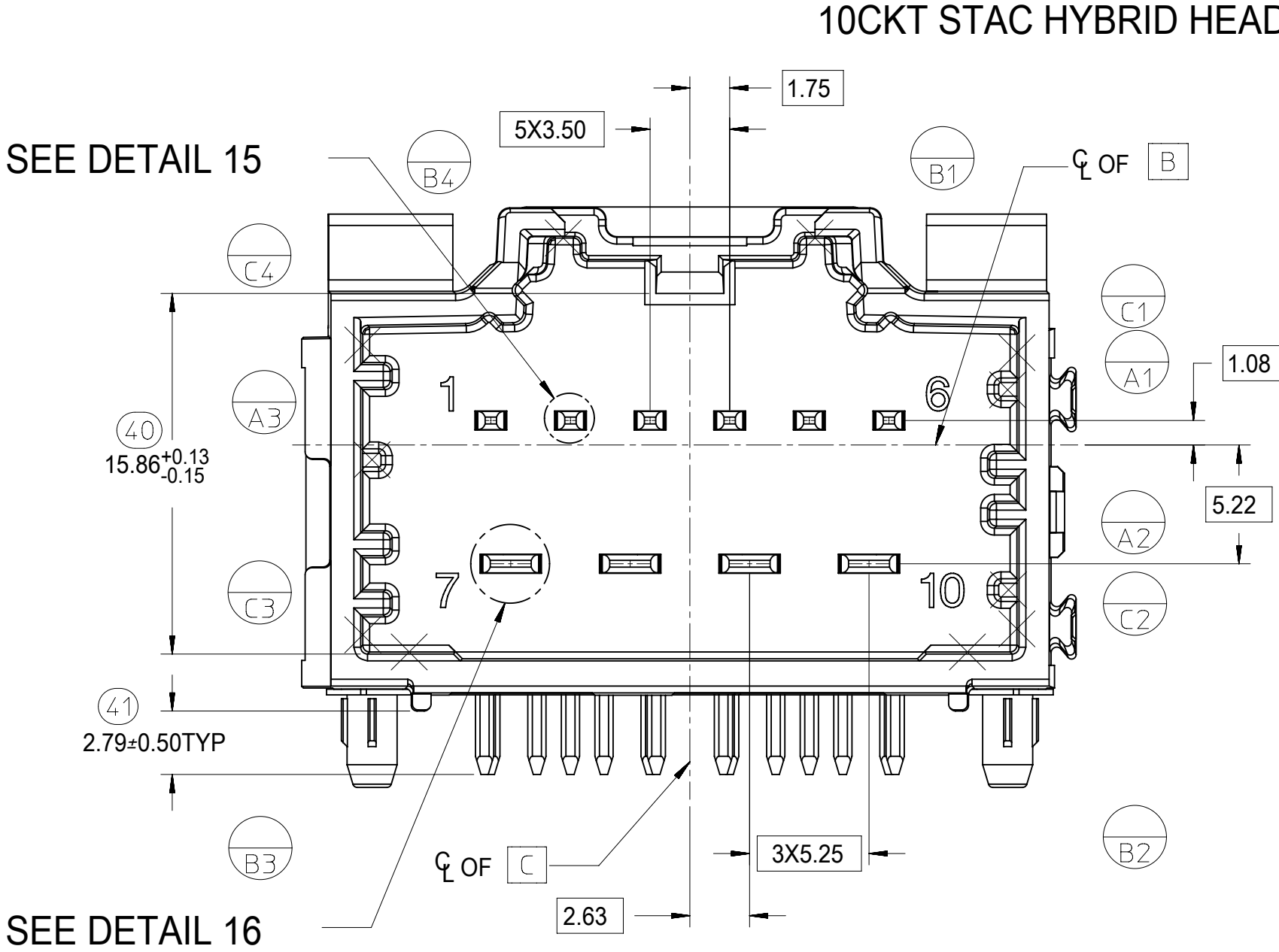
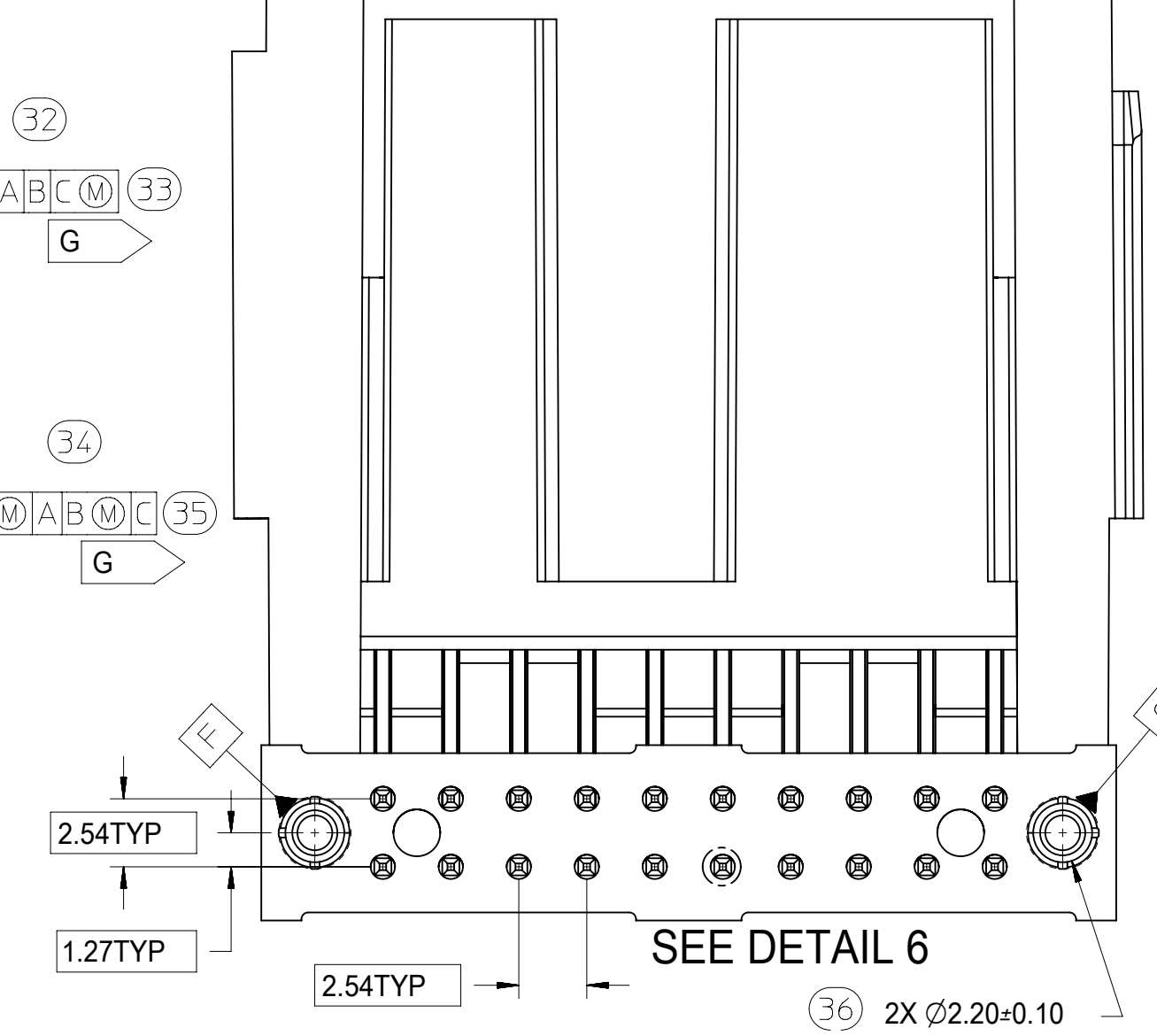
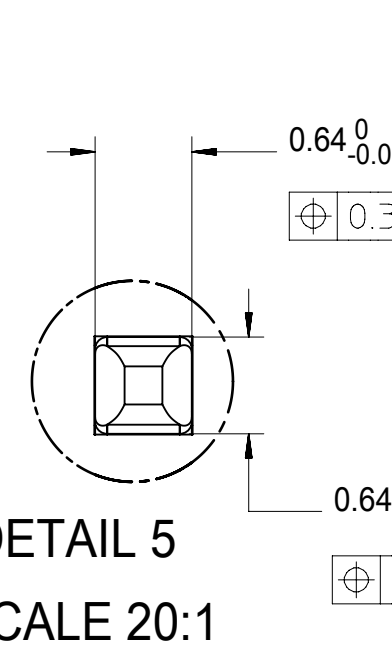
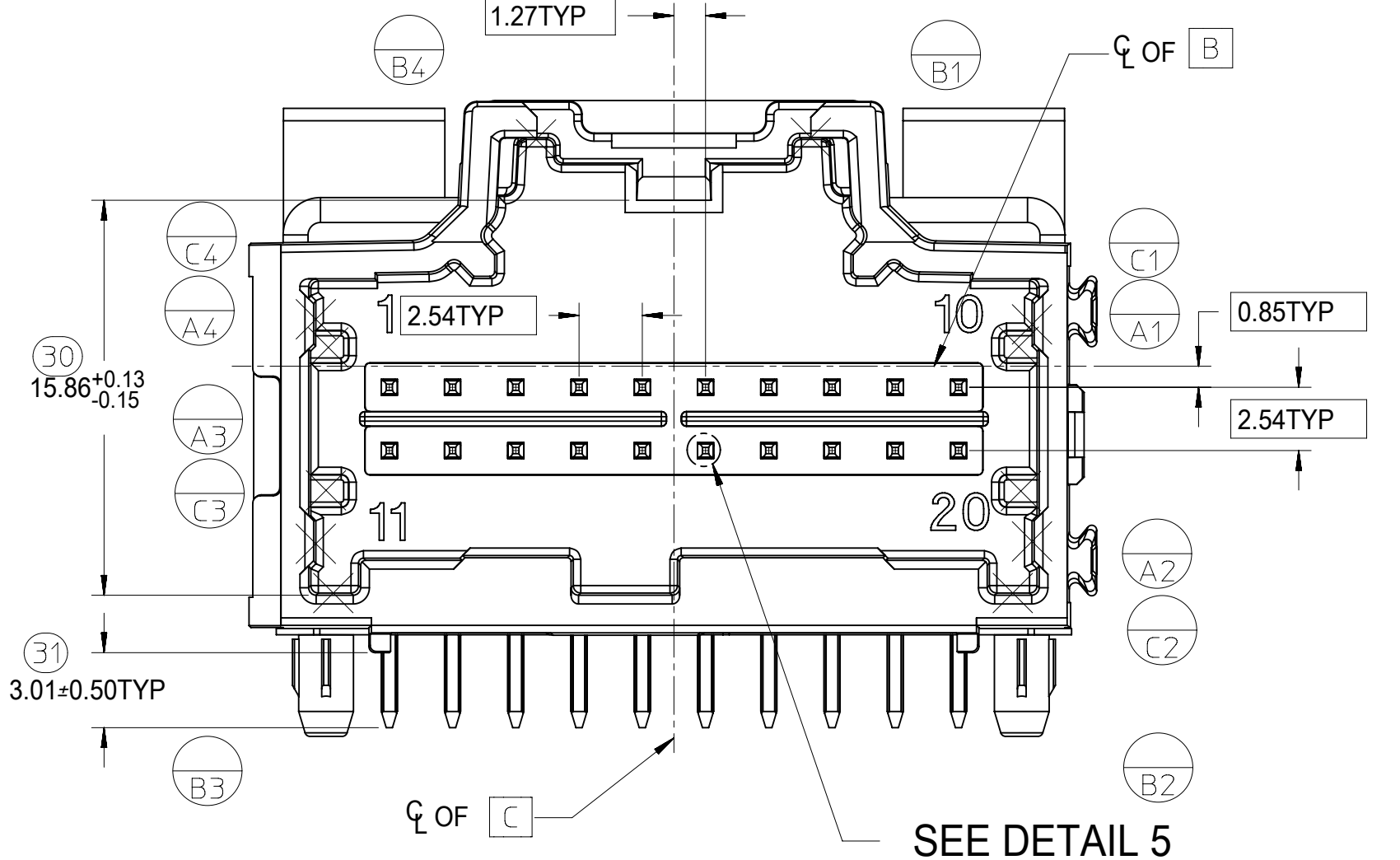
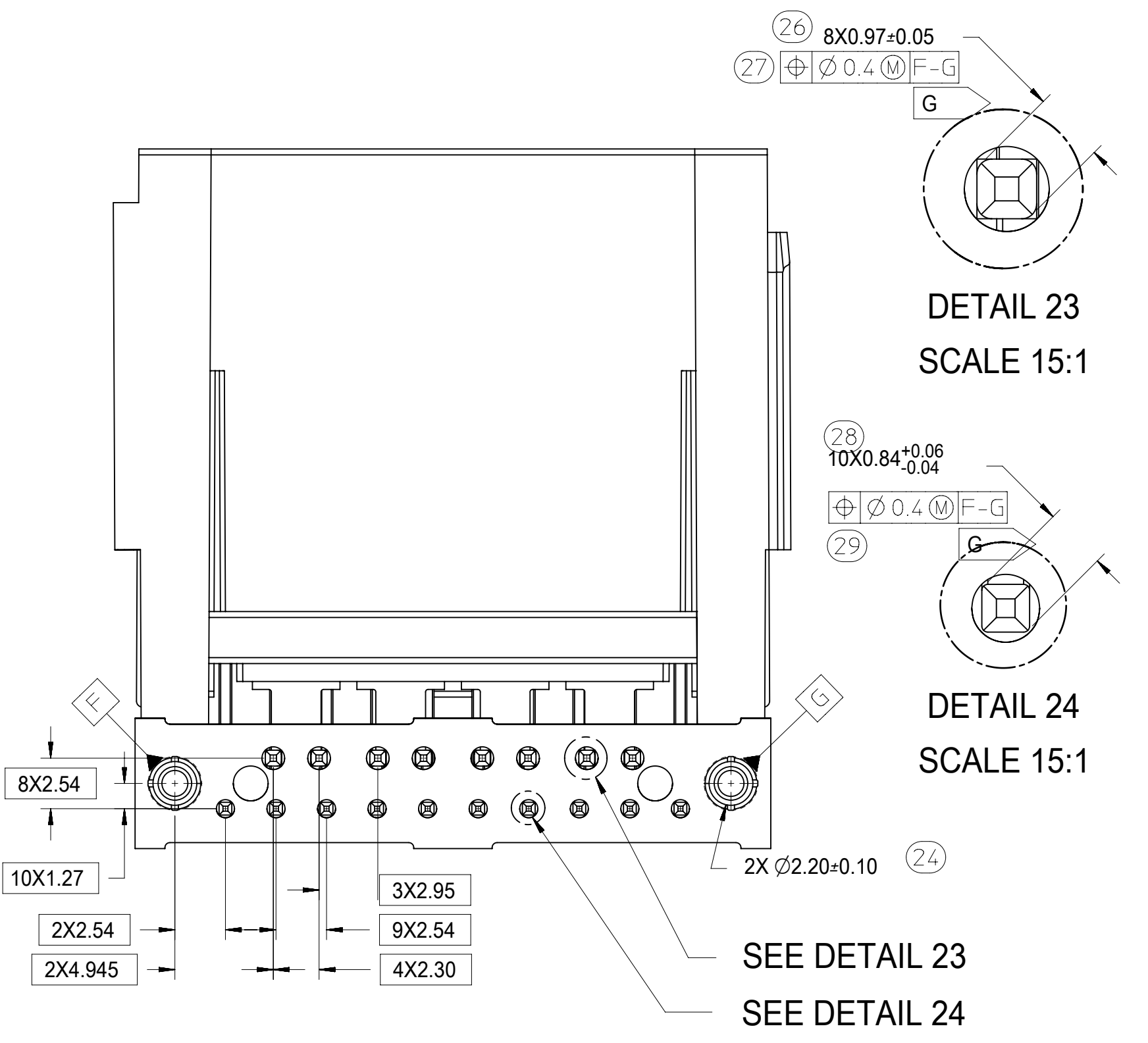
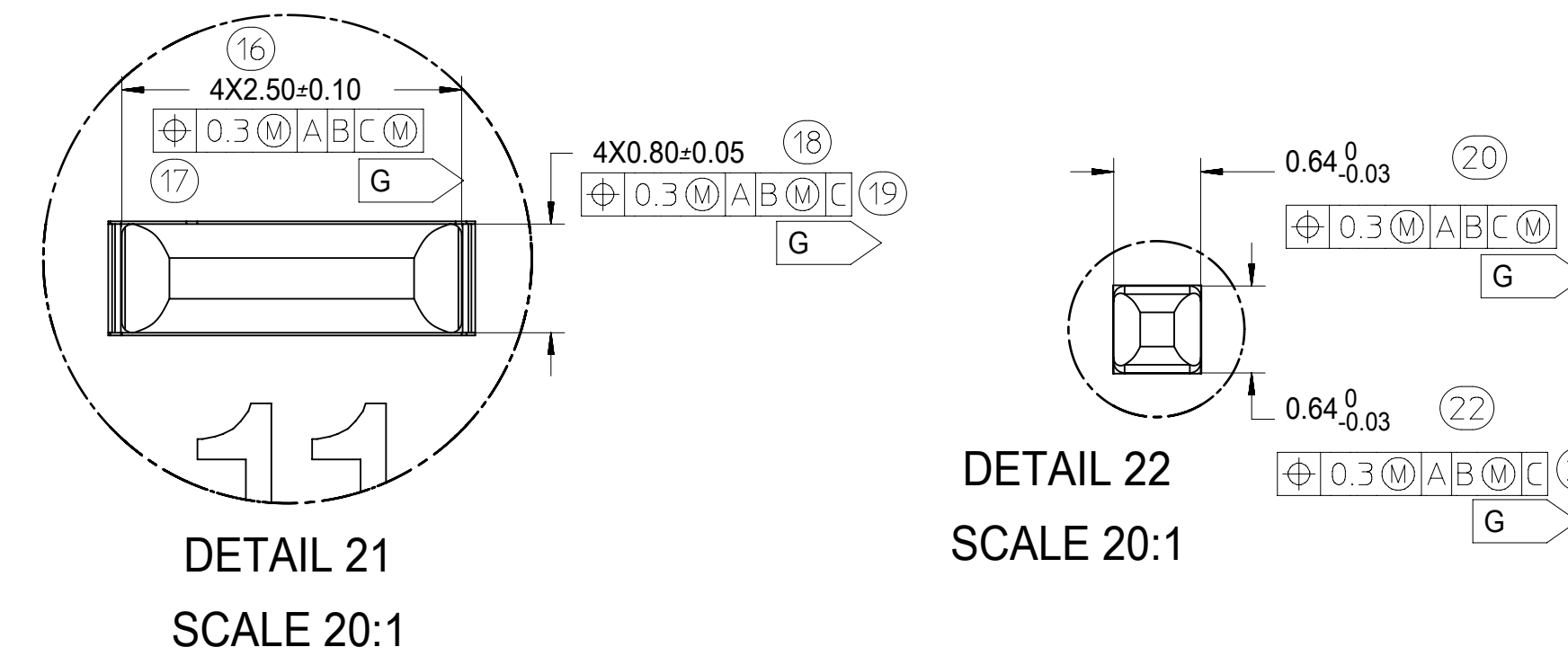
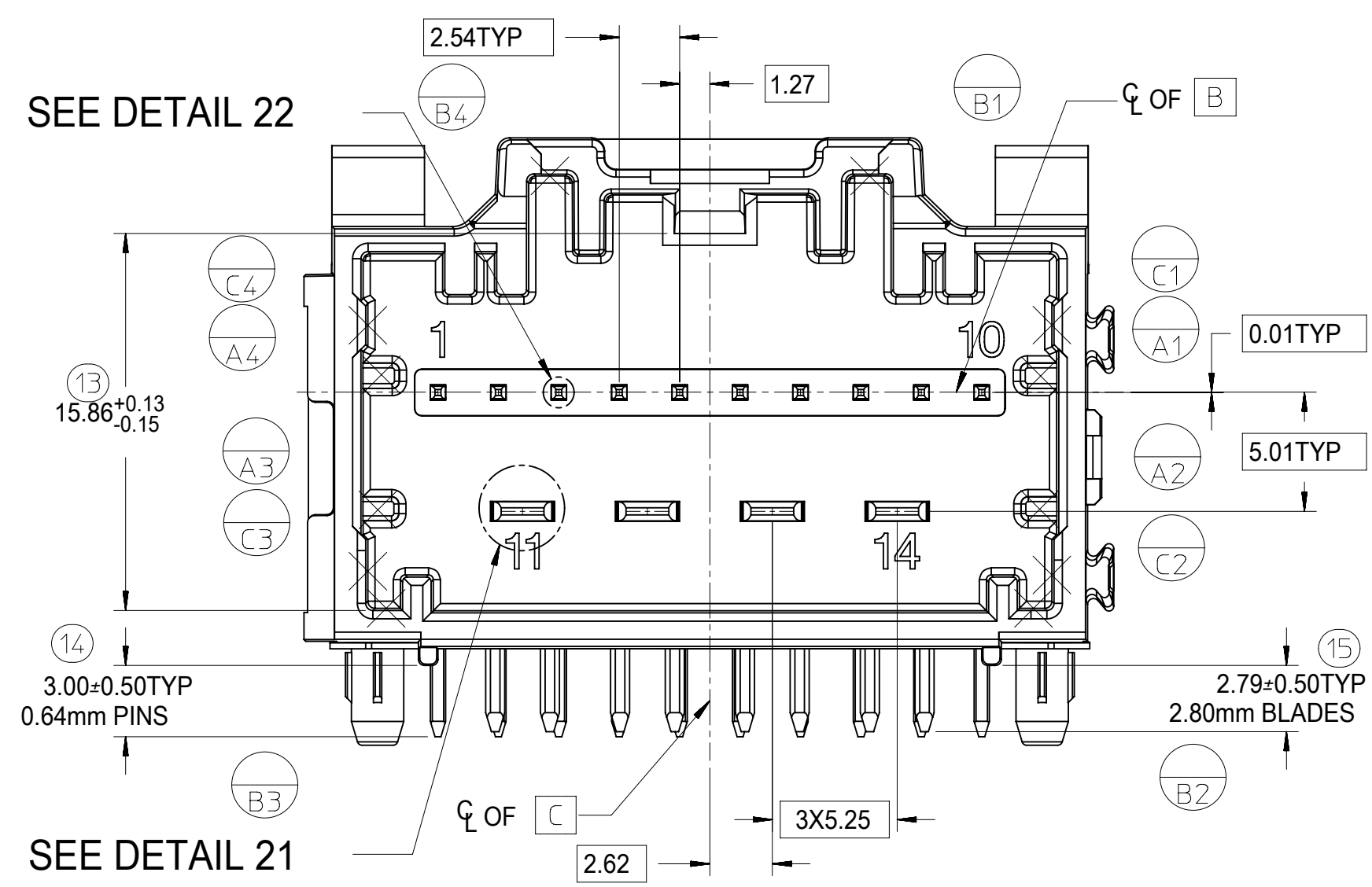
POST HOLE TABLE:
FOR DIM E:

PRESS FIT:	2.60
DROP IN:	3.05



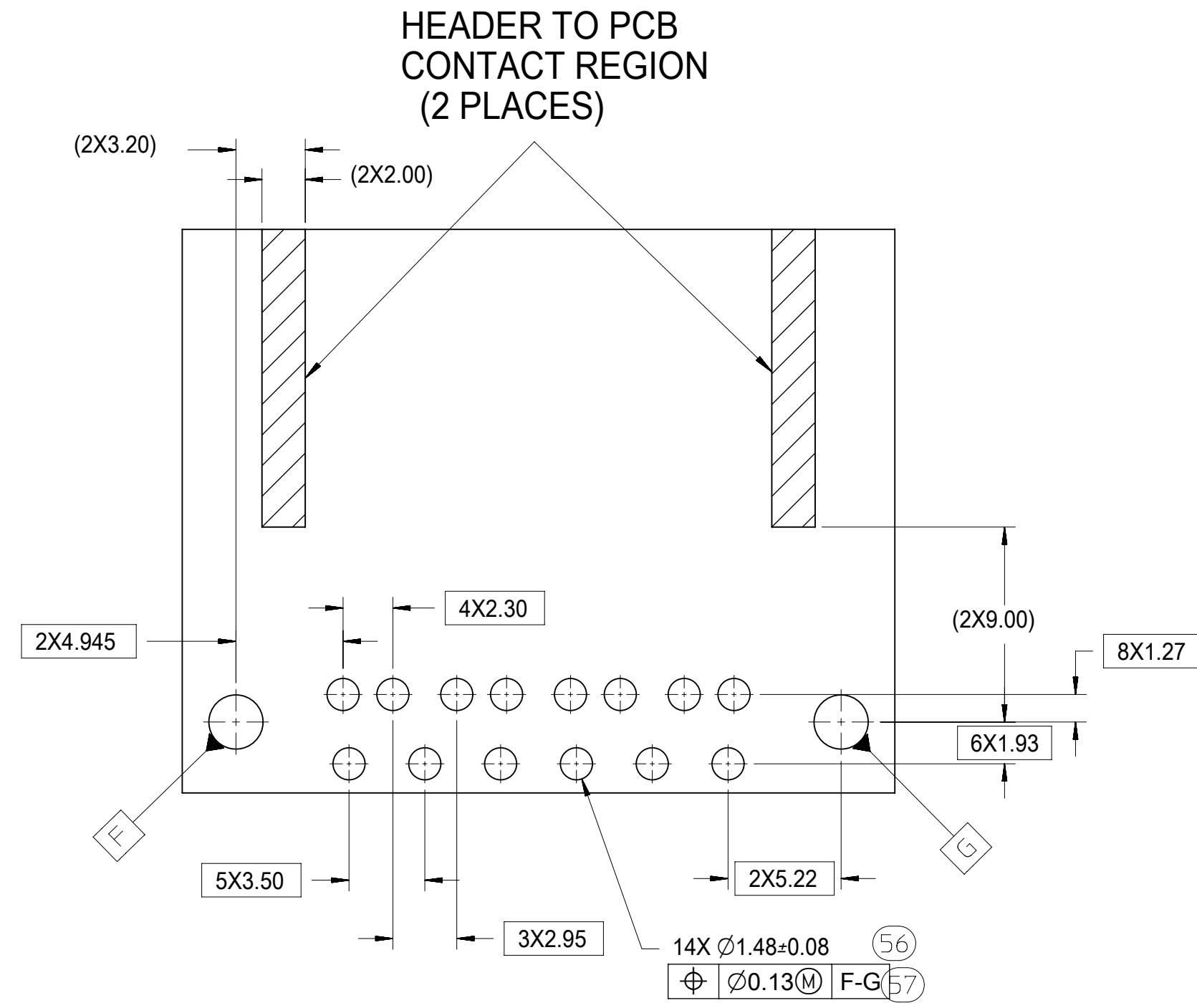
FOR HOLE LOCATION REFER TO TEMPLATES ON SHEET 5

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						EC NO: 612618	DRWN: SHANDITHAVAL 2019/01/23
▽ = 0	mm	1:1	DRWN: RBAUMAN 2019/02/23	APPR: RBAUMAN 2019/02/23	PRODUCT CUSTOMER DRAWING	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		INITIAL REVISION:		SD-34708-400				
▽ = 0	ANGULAR TOL ± 1.0°		DRWN: VDANIELE 2008/11/14		PSD 001 P				
▽ = 0	4 PLACES ±		APPR: SMARCEAU 2008/11/14		SEE TABLE				
▽ = 0	3 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER
▽ = 0	2 PLACES ± 0.13		D-DRAWING		D-SIZE		SERIES		3 OF 5
▽ = 0	1 PLACE ± 0.25		D-DRAWING		D-SIZE		SERIES		
▽ = 0	0 PLACES ±		D-DRAWING		D-SIZE		SERIES		
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D-DRAWING		D-SIZE		SERIES		
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D-DRAWING		D-SIZE		SERIES		

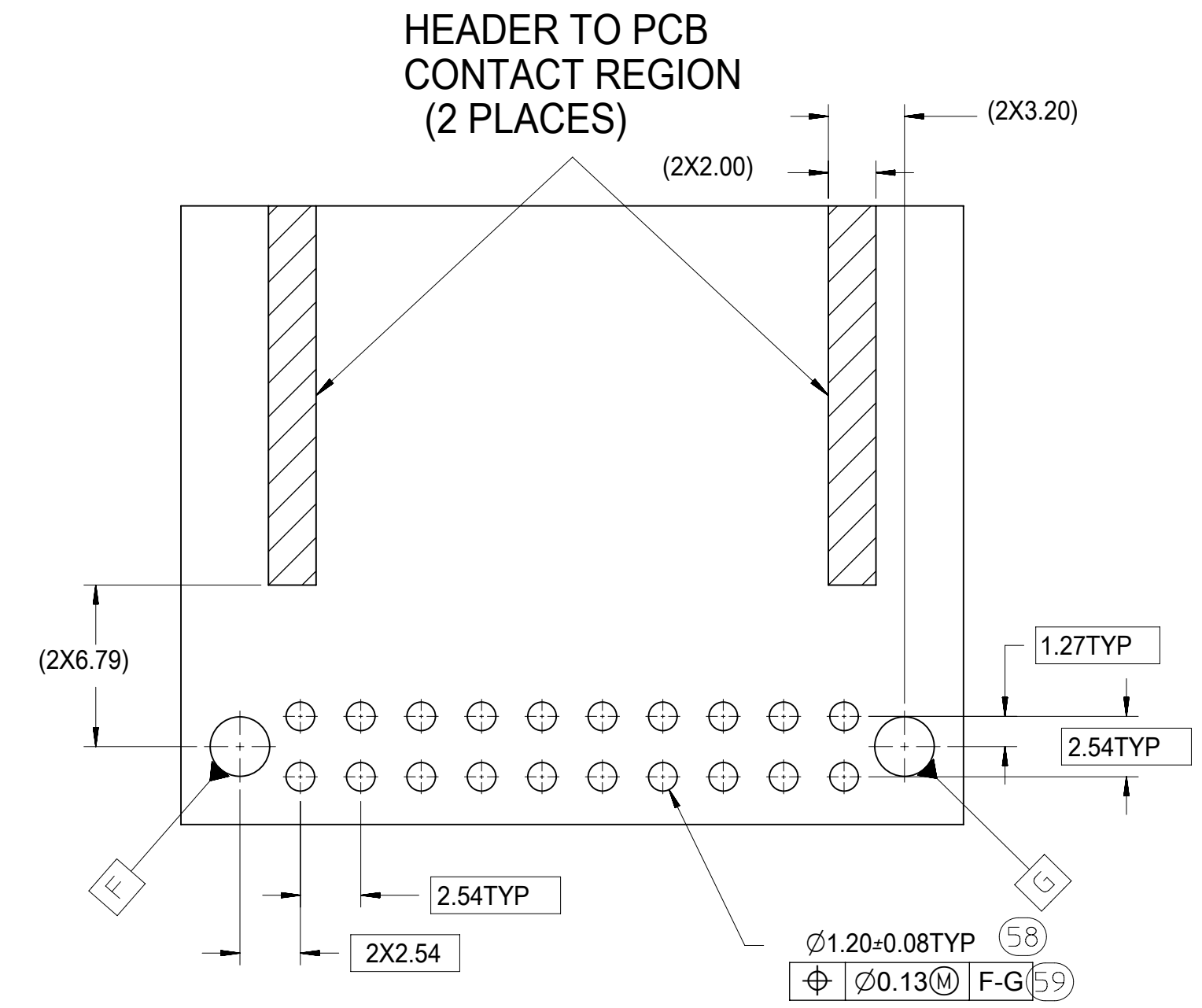


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
	DIMENSION UNITS	SCALE		
▽ = 0	mm	1:1		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 0	ANGULAR TOL ± 1.0°			
▽ = 0	4 PLACES ±			
▽ = 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	
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		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

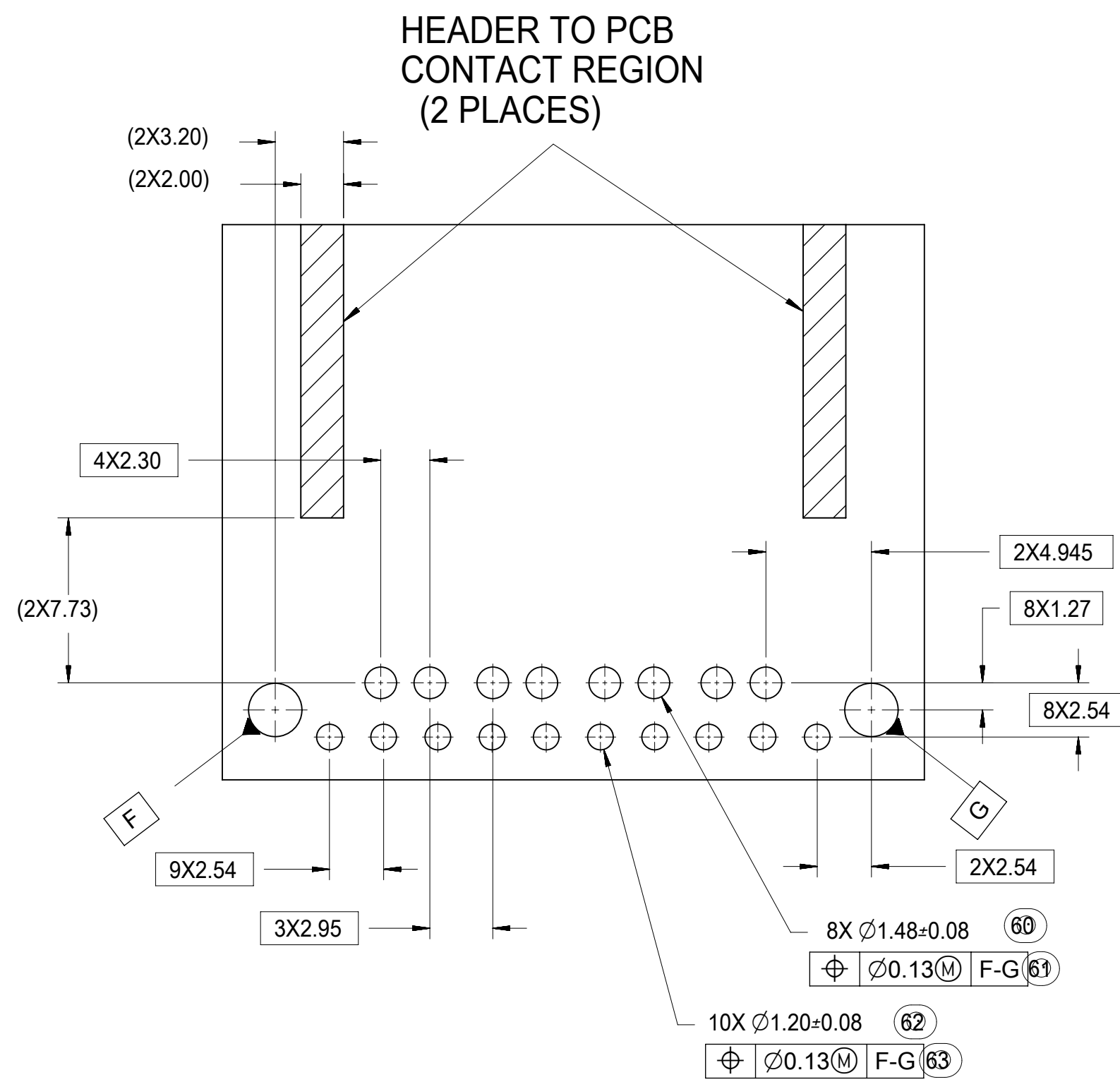
10 CKT HYBRID TEMPLATE PCB LAYOUT



8-20CKT 0.64mm TEMPLATE PCB LAYOUT

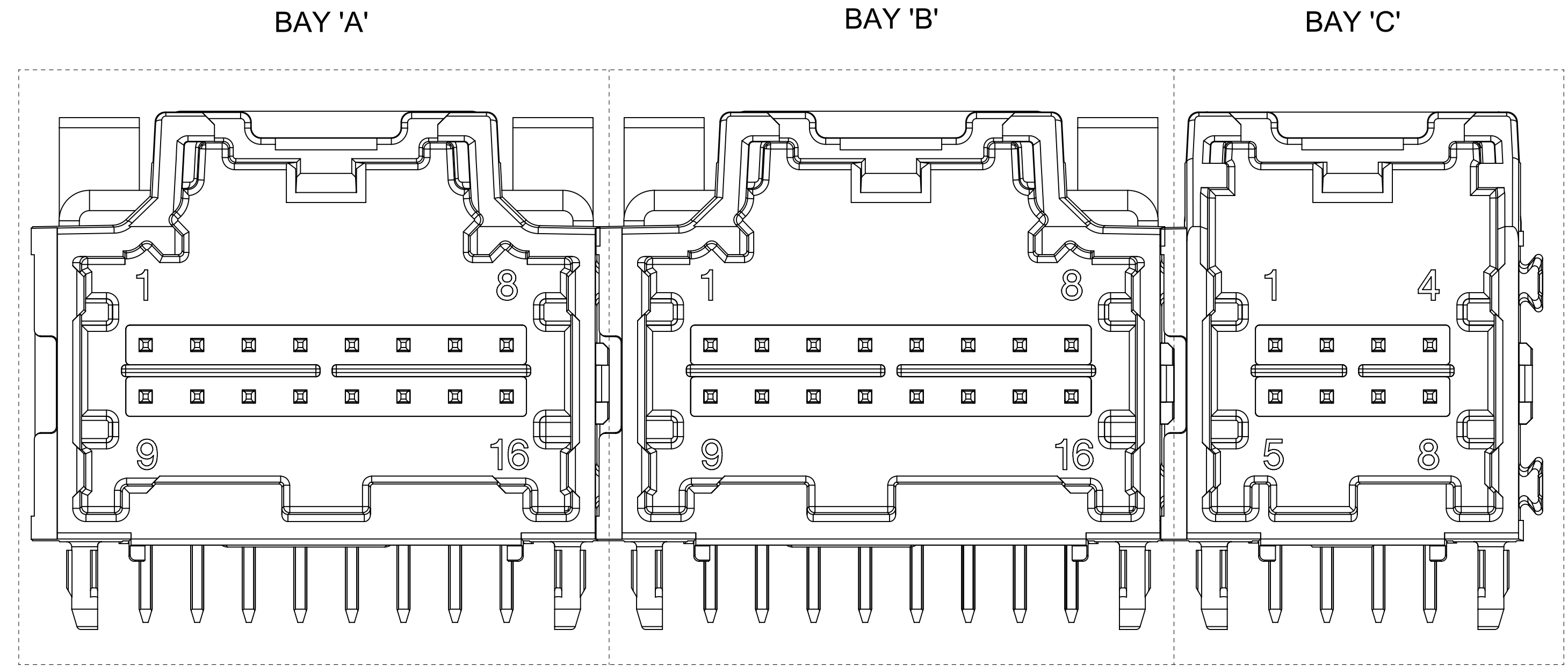


14 CKT HYBRID TEMPLATE PCB LAYOUT



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	molex 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: D-SIZE MATERIAL NUMBER: 34708 CUSTOMER: GENERAL MARKET

3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY (P/N: 34997-3000 SHOWN)



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					
TBD	34997-3000	16	0.64mm	B	16	0.64mm	A	8	0.64mm	A	74.44	71.97	22.86	22.86	12.70
TBD	34997-3001	12	0.64mm	A	12	0.64mm	B	16	0.64mm	A	74.44	71.97	17.78	17.78	22.86
TBD	34997-3002	16	0.64mm	A	12	0.64mm	A	20	0.64mm	A	84.60	82.13	22.86	17.78	27.94
TBD	34997-3003	16	0.64mm	A	20	0.64mm	A	12	0.64mm	A	84.60	82.13	22.86	27.94	17.78
TBD	34997-3004	20	0.64mm	A	20	0.64mm	B	8	0.64mm	A	84.60	82.13	27.94	27.94	12.70
TBD	34997-3005	10	HYBRID	A	16	0.64mm	A	8	0.64mm	A	79.52	77.05	27.94	22.86	12.70
TBD	34997-3006	12	0.64mm	A	8	0.64mm	B	16	0.64mm	C	69.36	66.89	17.78	12.70	22.86
TBD	34997-3007	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	99.84	97.37	27.94	27.94	27.94
TBD	34997-3008	20	0.64mm	D	16	0.64mm	C	12	0.64mm	C	84.60	82.13	27.94	22.86	17.78
34997-8009	34997-3009	20	0.64mm	C	20	0.64mm	B	20	0.64mm	A	99.84	97.37	27.94	27.94	27.94
34997-8010	34997-3010	12	0.64mm	C	16	0.64mm	C	20	0.64mm	D	84.60	82.13	17.78	22.86	27.94
TBD	34997-3011	8	0.64mm	A	8	0.64mm	B	8	0.64mm	C	54.12	51.65	12.70	12.70	12.70
TBD	34997-3012	14	HYBRID	C	20	0.64mm	B	8	0.64mm	A	84.60	82.13	27.94	27.94	12.70
TBD	34997-3013	10	HYBRID	A	10	HYBRID	B	14	HYBRID	A	99.84	97.37	27.94	27.94	27.94
TBD	34997-3014	10	HYBRID	A	16	0.64mm	B	20	0.64mm	C	94.76	92.29	27.94	22.86	27.94

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

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

- PRODUCT SPECIFICATION:
8-20 CKT 0.64 PRODUCT SPEC: PS-34729-020/PS-31408-100
10/14CKT HYBRID PRODUCT SPEC: PS-34696-100
- 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
- HOUSING COLOR:
BLACK - POLARIZATION 'A'
GREY - POLARIZATION 'B'
BROWN - POLARIZATION 'C'
GREEN - POLARIZATION 'D'

b. 0.64mm PINS:

- BASE MATERIAL: C26000
- PLATING TYPE: AS NOTED

c. 1.5/2.8mm BLADES:

- BASE MATERIAL: C19400
- PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

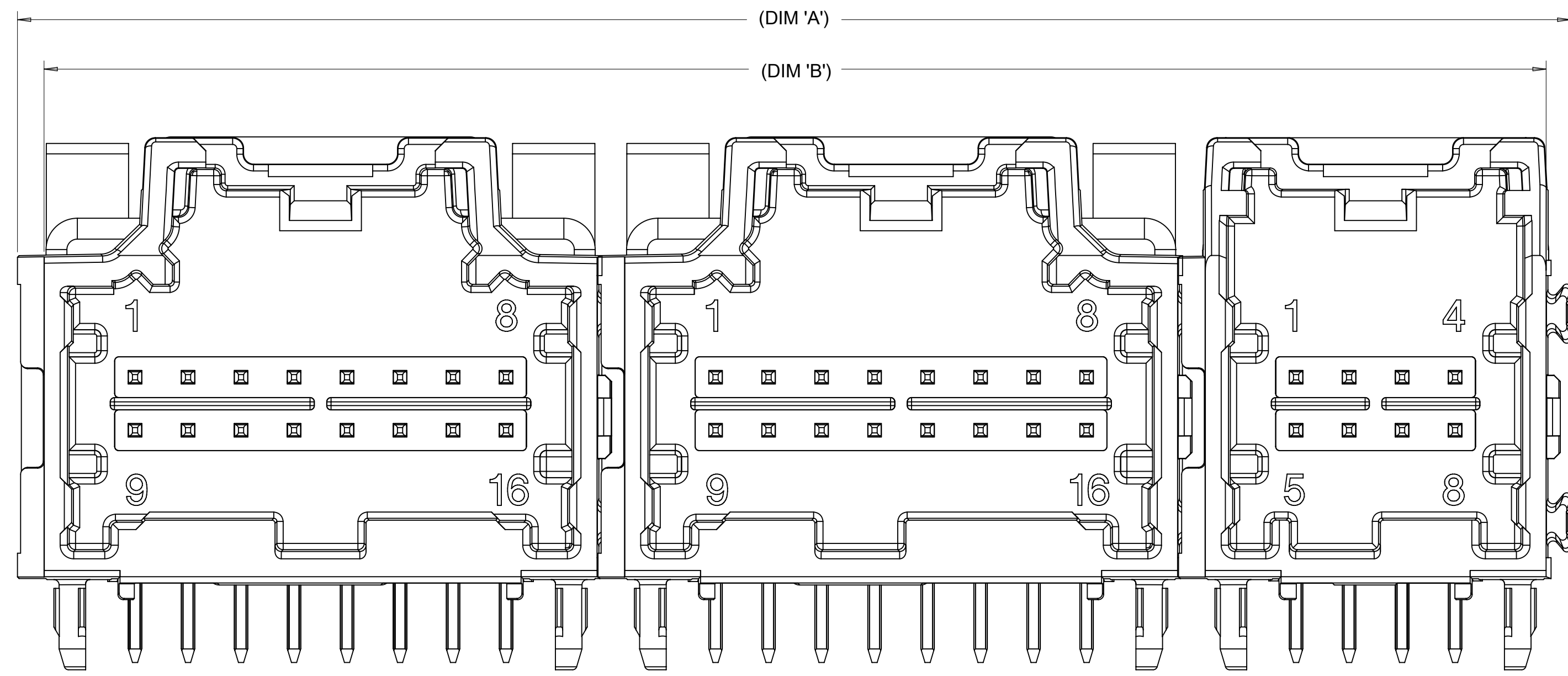
- a. UNDERPLATING - OVERALL NICKEL
- b. OVERPLATING - OVERALL TIN

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

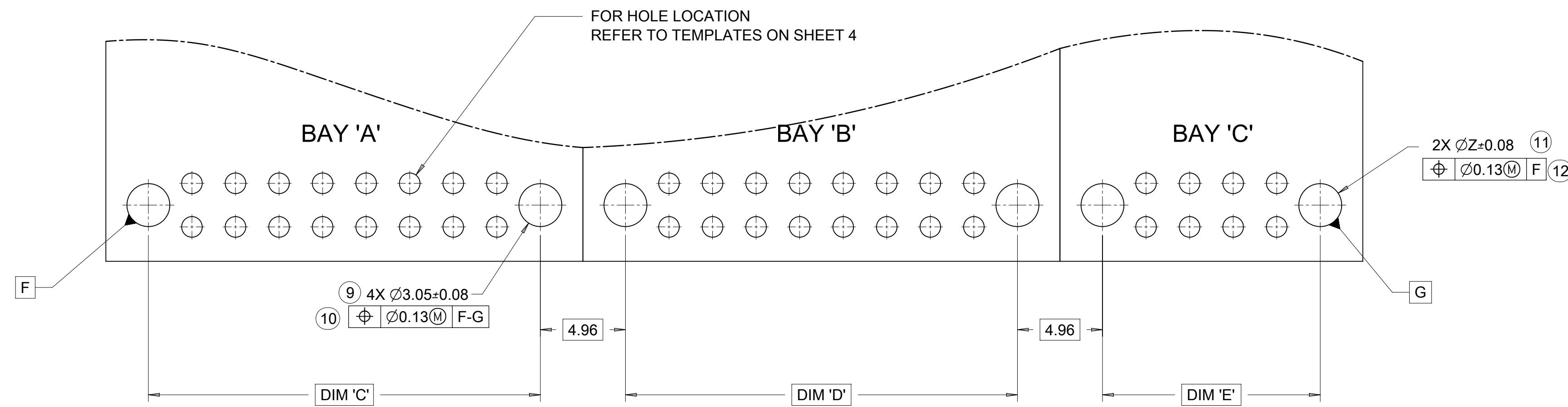
- SINGLE BAY DRAWINGS:
8-20 CKT 0.64: SD-34691-601
10CKT HYBRID: SD-34696-100
14CKT HYBRID: SD-34773-010

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

<p>QUALITY SYMBOLS</p> <p>▽ = 0</p> <p>▽ = 0</p> <p>▽ = 0</p> <p>▽ = 0</p> <p>▽ = 0</p> <p>▽ = 0</p> <p>▽ = 0</p> <p>▽ = 0</p> <p>▽ = 0</p> <p>▽ = 0</p>	<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"> <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <p>ANGULAR TOL ± 1.0 °</p> <p>4 PLACES ±</p> <p>3 PLACES ±</p> <p>2 PLACES ± 0.13</p> <p>1 PLACE ± 0.25</p> <p>0 PLACES ±</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> </td> <td style="width: 15%;"> <p>DIMENSION UNITS</p> <p>mm</p> </td> <td style="width: 15%;"> <p>SCALE</p> <p>5:1</p> </td> <td style="width: 30%; text-align: center;"> <p>molex</p> <p>STAC64 3-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> </td> </tr> <tr> <td> <p>DRWN BY: JFISCHER01</p> <p>CHKD BY:</p> <p>APPR BY: RBAUMAN</p> <p>DRAWING SIZE: D</p> </td> <td> <p>DATE: 2013/05/31</p> <p>DATE: 2013/06/04</p> <p>THIRD ANGLE PROJECTION</p> </td> <td> <p>SERIES: 34997</p> <p>MATERIAL NUMBER: SEE CHART</p> <p>CUSTOMER: GENERAL MARKET</p> </td> <td> <p>DOCUMENT NUMBER: SD-34997-300</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>SHEET NUMBER: 1 OF 4</p> </td> </tr> </table>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <p>ANGULAR TOL ± 1.0 °</p> <p>4 PLACES ±</p> <p>3 PLACES ±</p> <p>2 PLACES ± 0.13</p> <p>1 PLACE ± 0.25</p> <p>0 PLACES ±</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>	<p>DIMENSION UNITS</p> <p>mm</p>	<p>SCALE</p> <p>5:1</p>	<p>molex</p> <p>STAC64 3-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p>	<p>DRWN BY: JFISCHER01</p> <p>CHKD BY:</p> <p>APPR BY: RBAUMAN</p> <p>DRAWING SIZE: D</p>	<p>DATE: 2013/05/31</p> <p>DATE: 2013/06/04</p> <p>THIRD ANGLE PROJECTION</p>	<p>SERIES: 34997</p> <p>MATERIAL NUMBER: SEE CHART</p> <p>CUSTOMER: GENERAL MARKET</p>	<p>DOCUMENT NUMBER: SD-34997-300</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>SHEET NUMBER: 1 OF 4</p>
<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <p>ANGULAR TOL ± 1.0 °</p> <p>4 PLACES ±</p> <p>3 PLACES ±</p> <p>2 PLACES ± 0.13</p> <p>1 PLACE ± 0.25</p> <p>0 PLACES ±</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>	<p>DIMENSION UNITS</p> <p>mm</p>	<p>SCALE</p> <p>5:1</p>	<p>molex</p> <p>STAC64 3-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p>						
<p>DRWN BY: JFISCHER01</p> <p>CHKD BY:</p> <p>APPR BY: RBAUMAN</p> <p>DRAWING SIZE: D</p>	<p>DATE: 2013/05/31</p> <p>DATE: 2013/06/04</p> <p>THIRD ANGLE PROJECTION</p>	<p>SERIES: 34997</p> <p>MATERIAL NUMBER: SEE CHART</p> <p>CUSTOMER: GENERAL MARKET</p>	<p>DOCUMENT NUMBER: SD-34997-300</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>SHEET NUMBER: 1 OF 4</p>						



RECOMMENDED PCB LAYOUT
 INSERT NECESSARY BAYS USING CHART ON SHEET 1

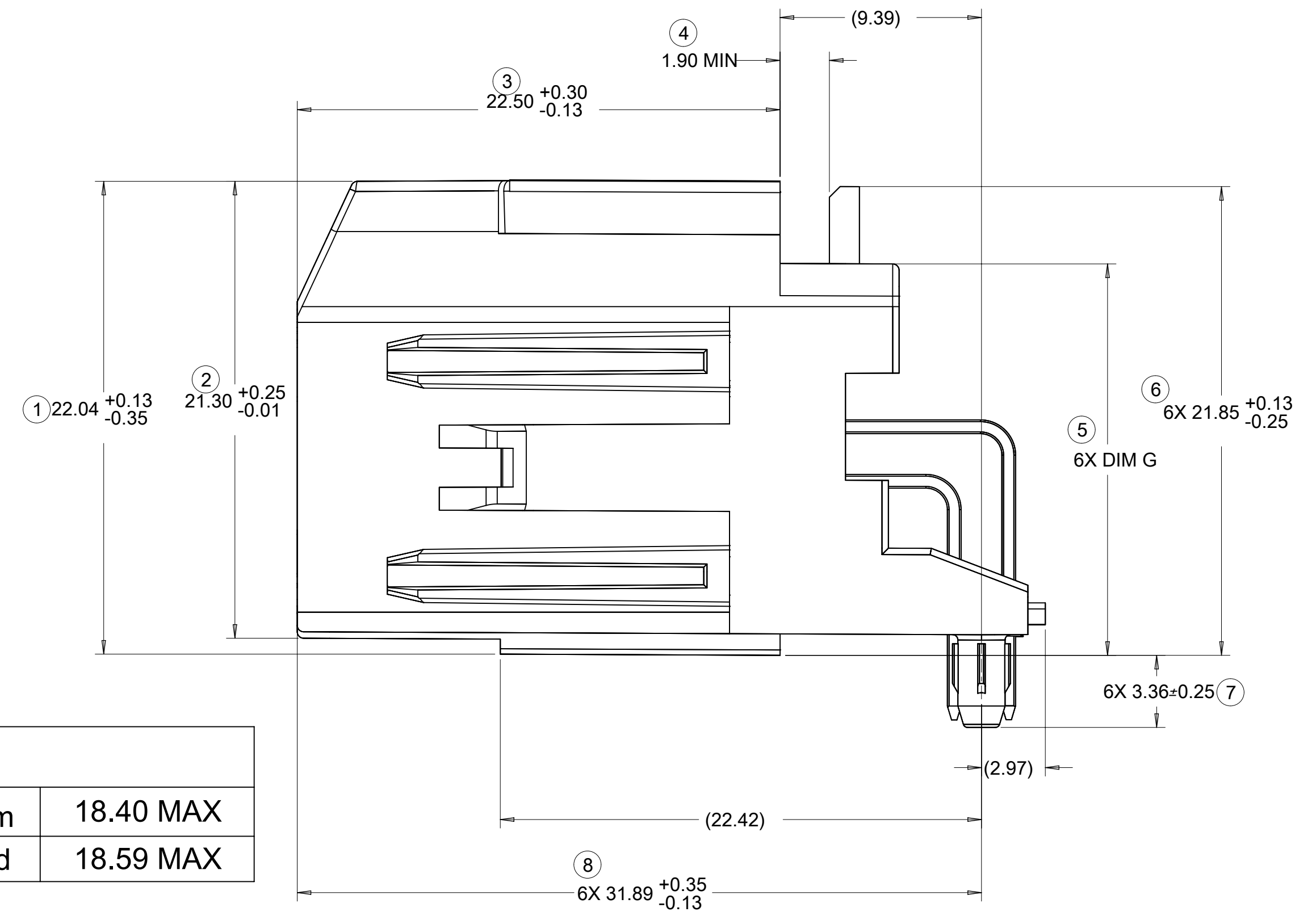


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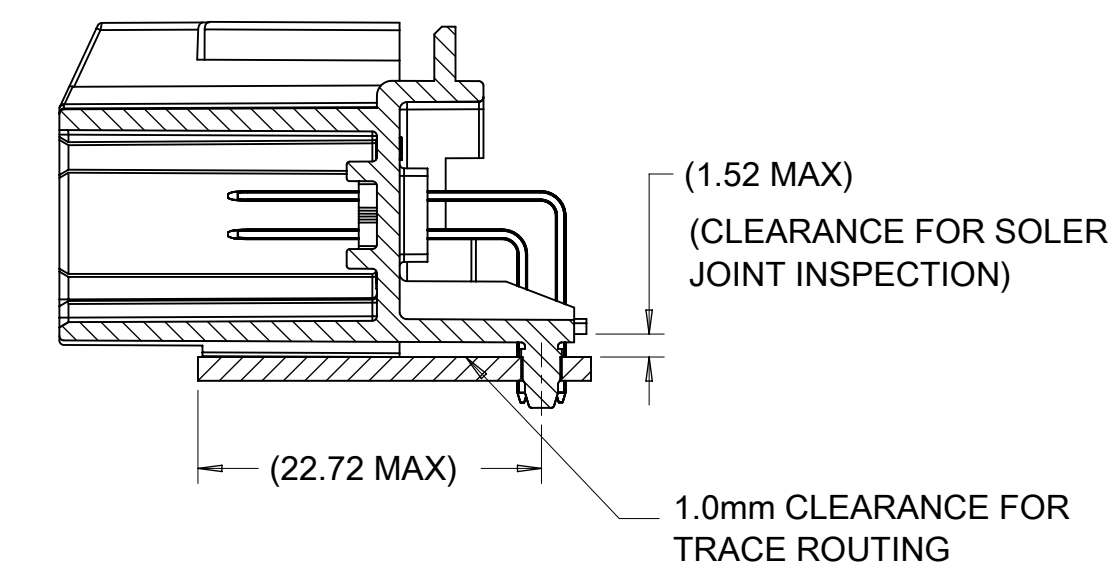
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

POST HOLE TABLE:

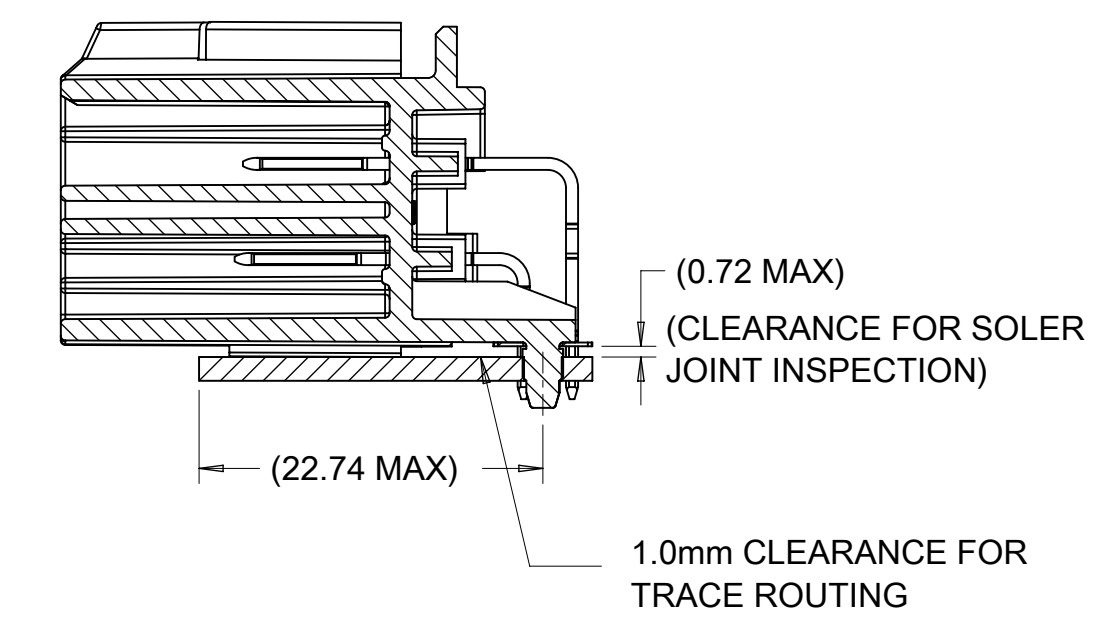
FOR DIM Z:	
PRESS FIT:	2.60
DROP IN:	3.05



8-20CKT 0.64mm



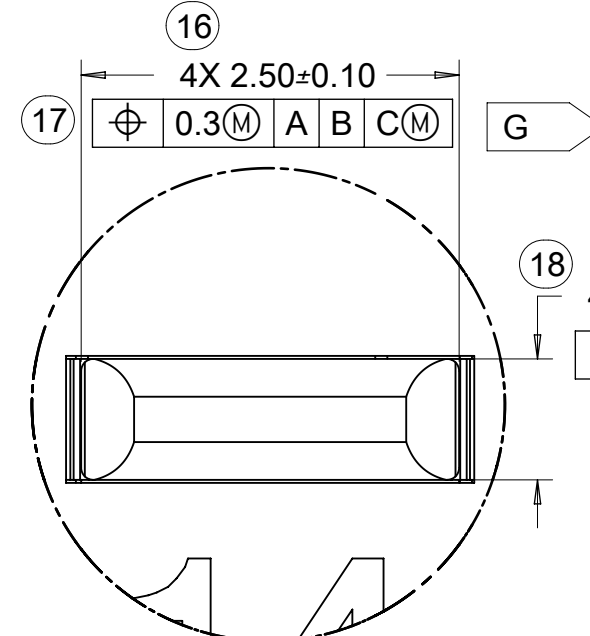
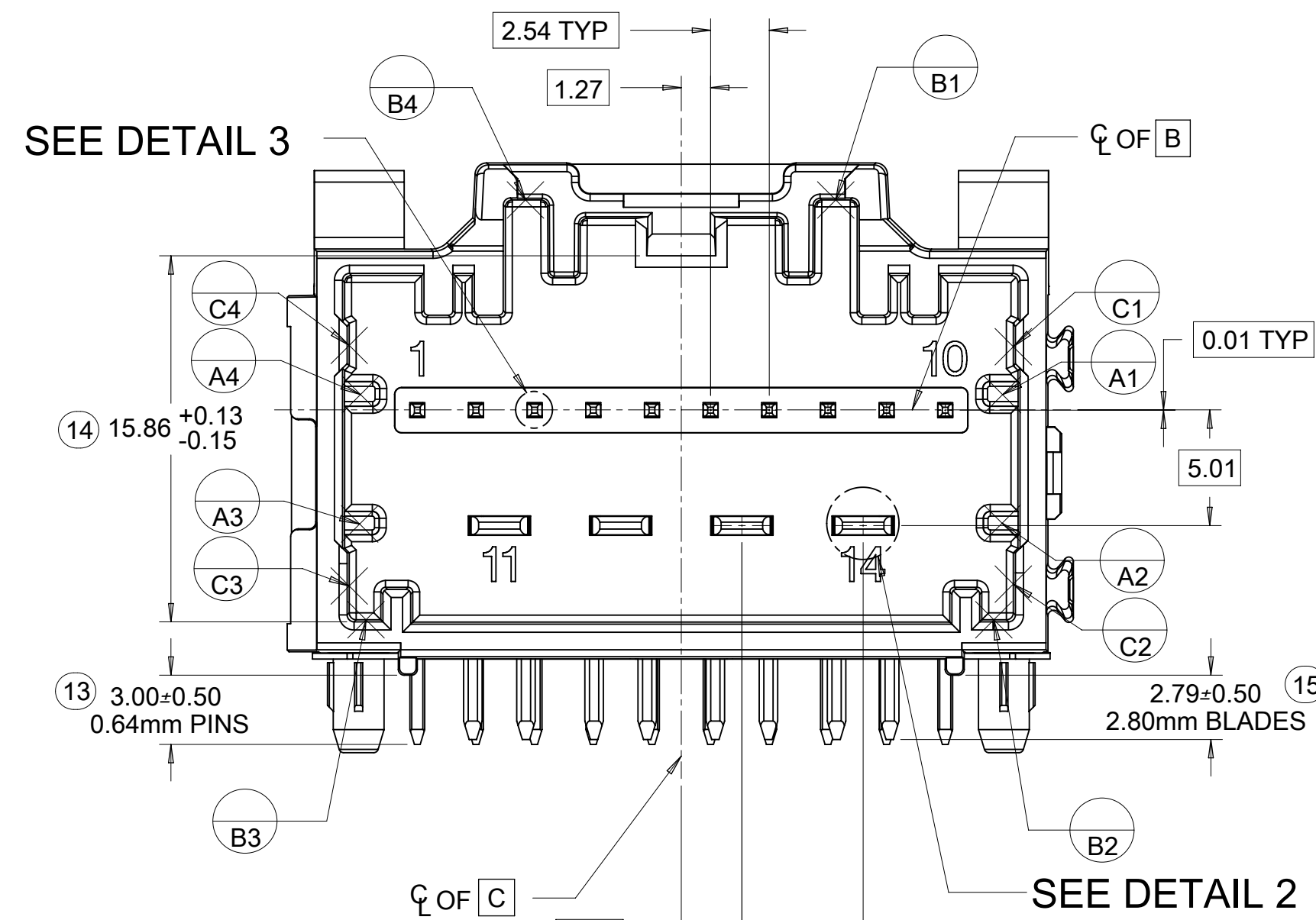
10/14CKT HYBRID



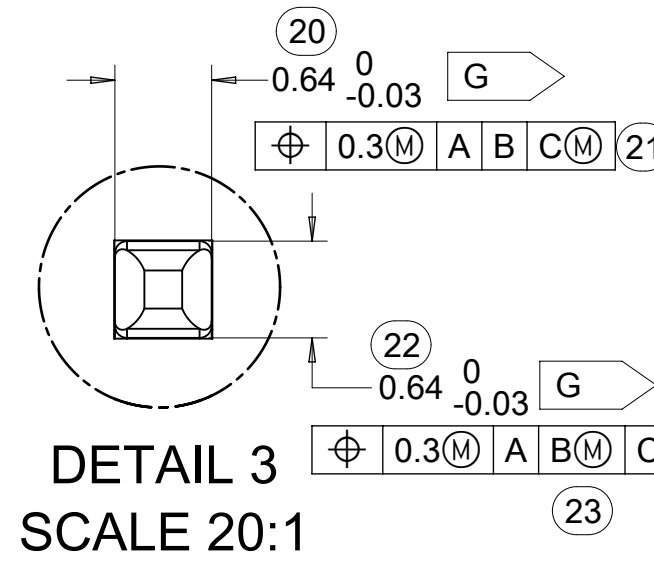
FLUSH MOUNTING
 HEADER-TO-PCB
 SCALE 2:1

QUALITY SYMBOLS F = 0 F = 0 F = 0 = 0 C = 0 X = 0 = 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS: mm SCALE: 5:1		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 °		DRWN BY: JFISCHER01 DATE: 2013/05/31	STAC64 3-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING	
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±		CHKD BY: DATE APPR BY: RBAUMAN DATE: 2013/06/04		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: D THIRD ANGLE PROJECTION	SERIES: 34997 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET	
EC NO: 614668 DRWN: SHANDITHAVAL CHKD: RBAUMAN REV: APPR: RBAUMAN		L8		DOCUMENT NUMBER: SD-34997-300 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 2 OF 4	

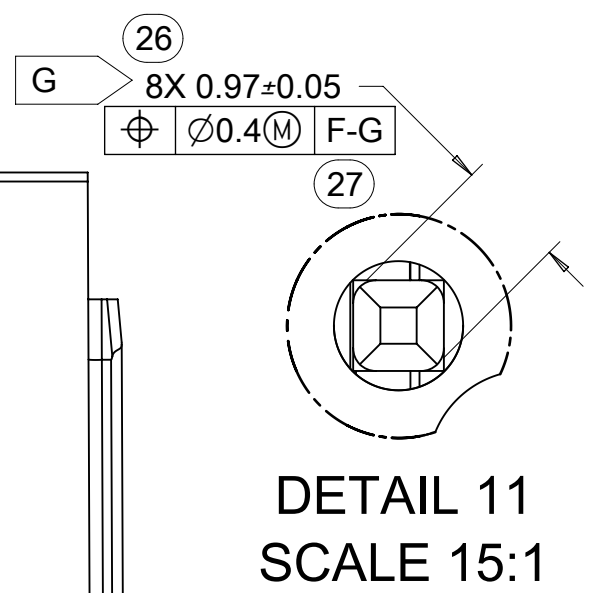
14 CKT STAC HYBRID HEADER DETAILS



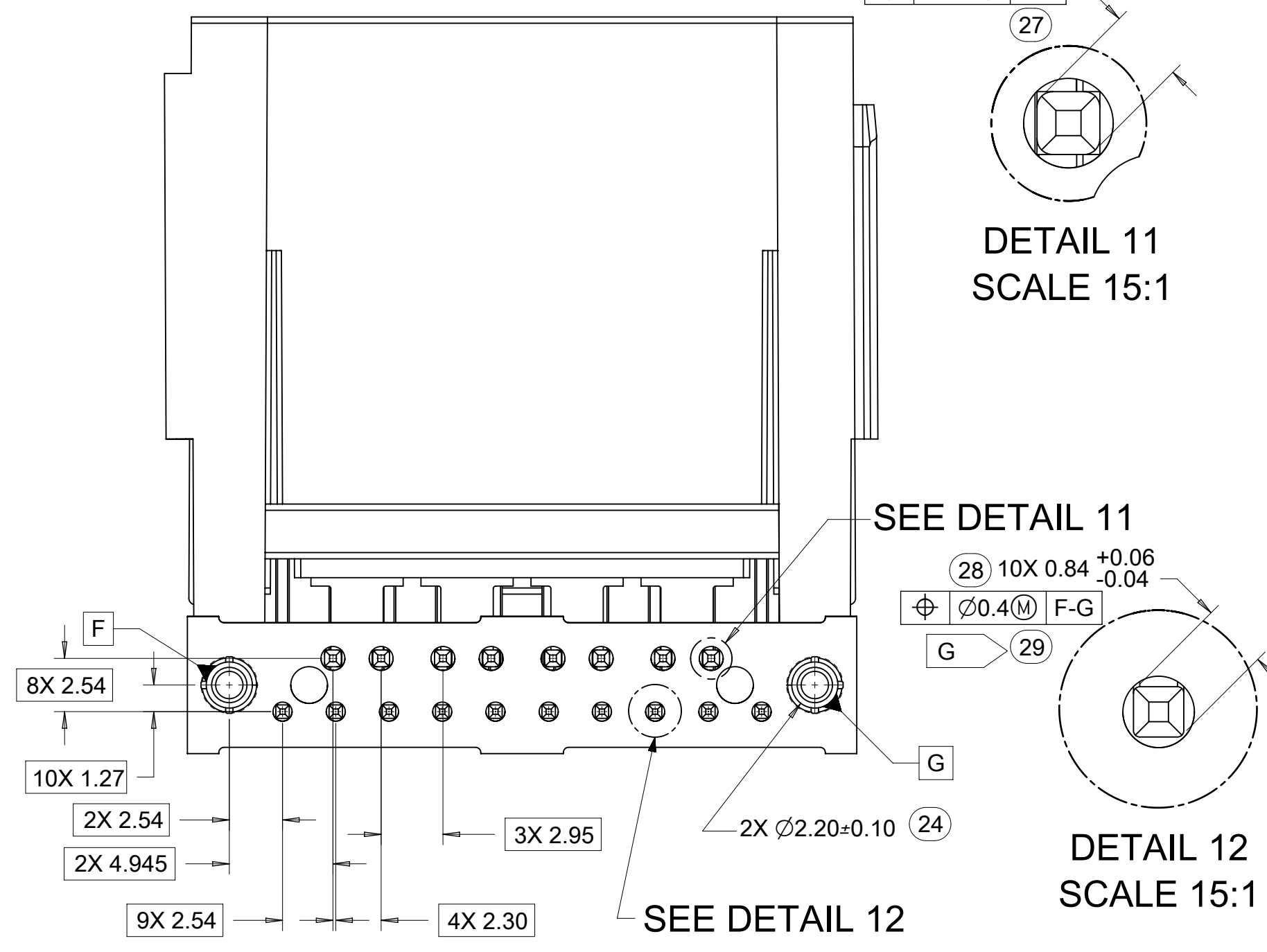
DETAIL 2
SCALE 20:1



DETAIL 3
SCALE 20:1

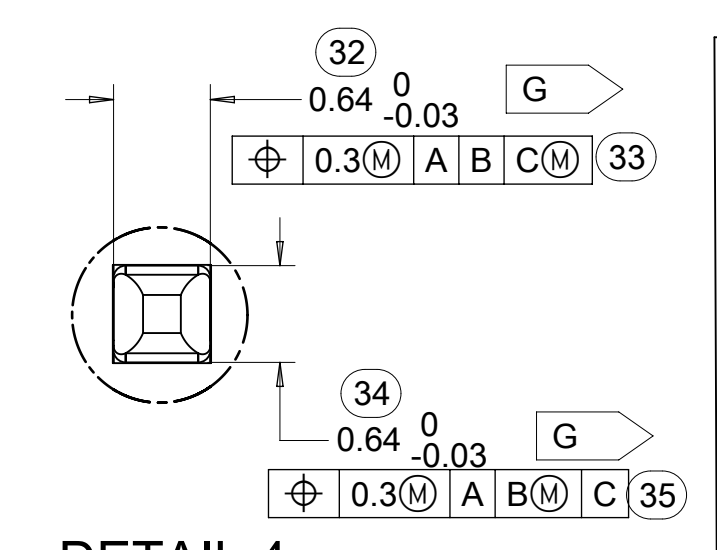
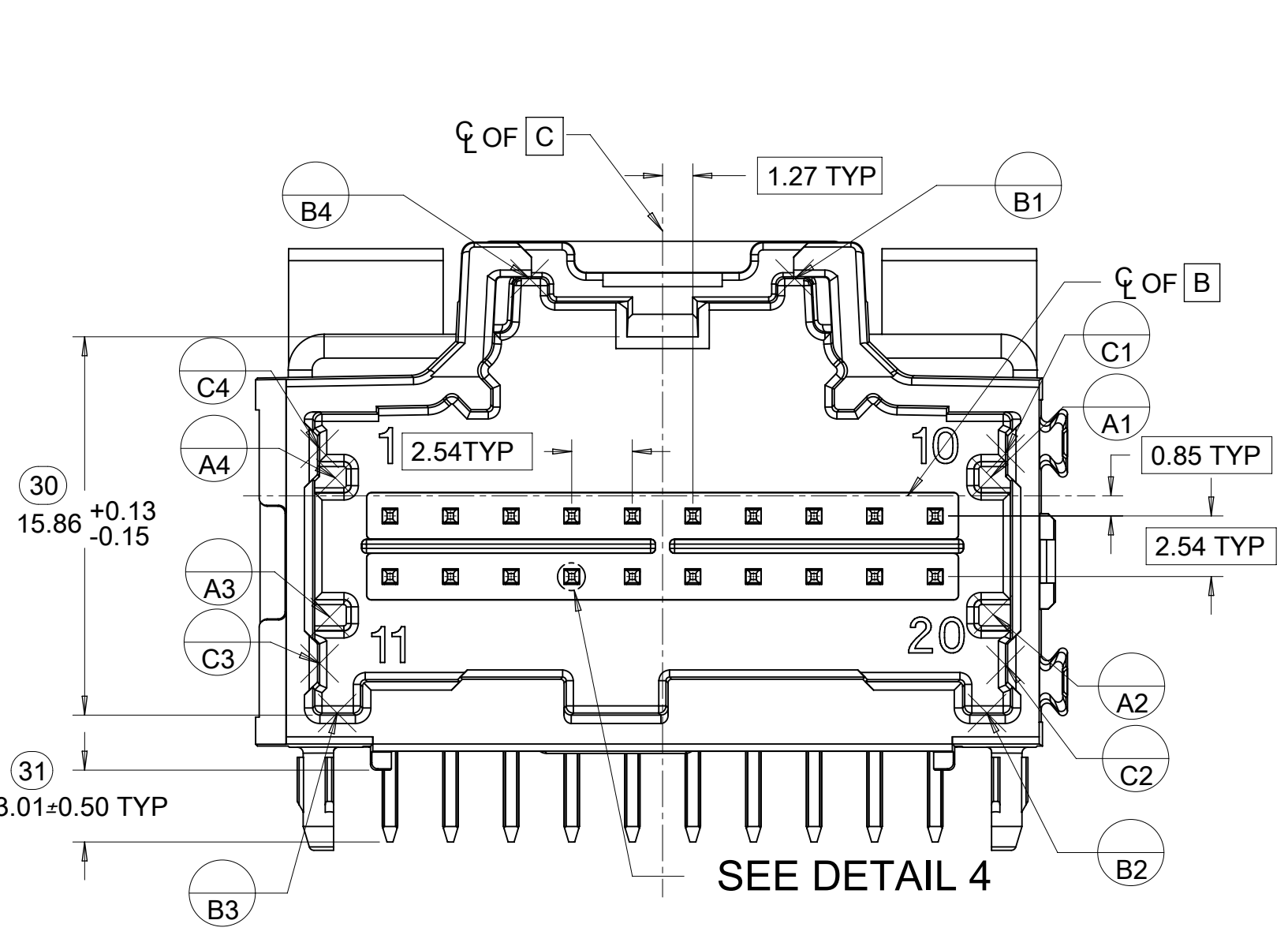


DETAIL 11
SCALE 15:1

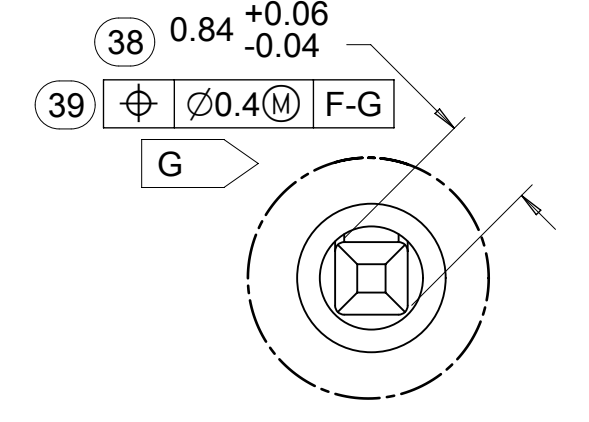


DETAIL 12
SCALE 15:1

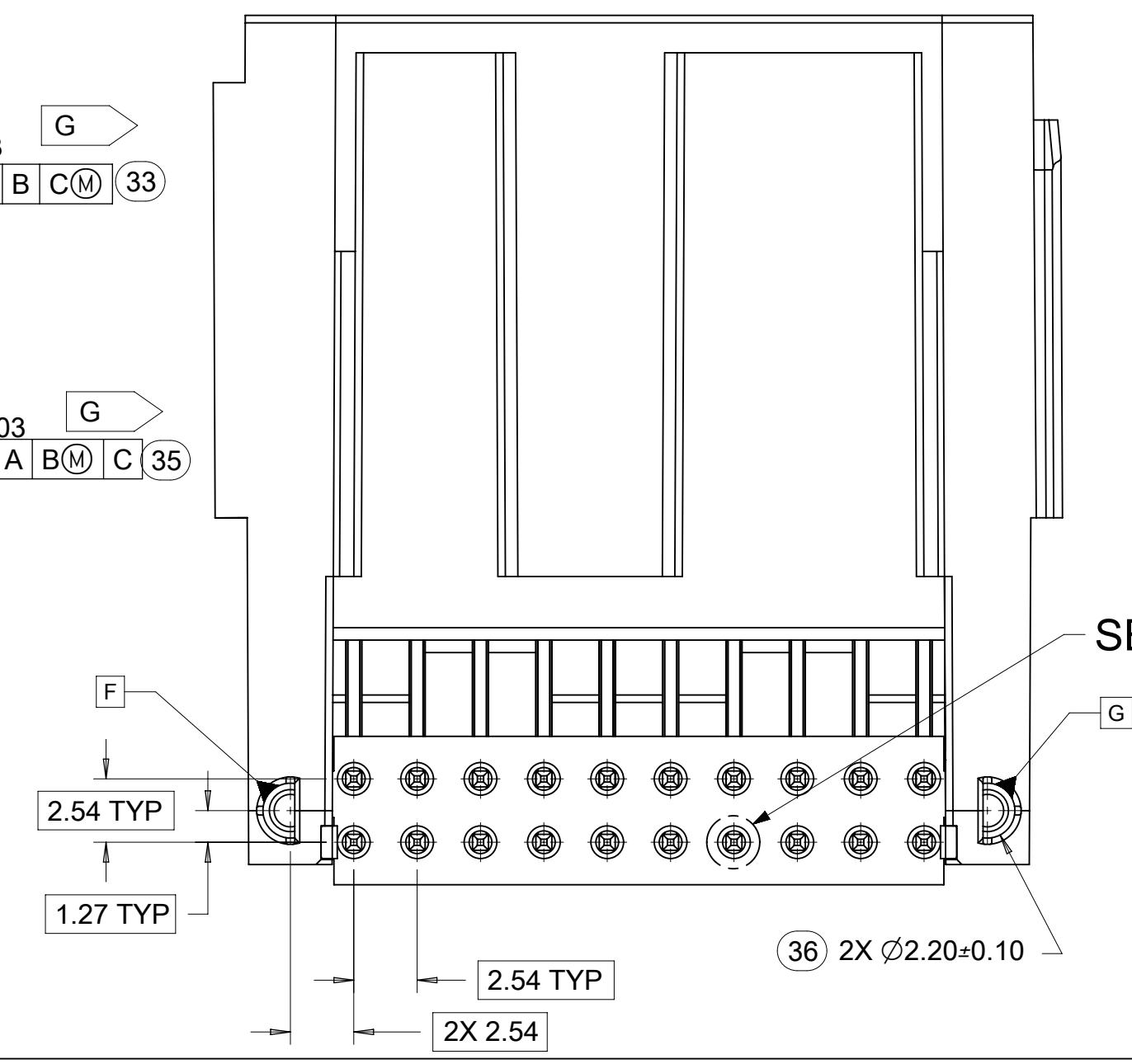
8-20CKT STAC64 HEADER DETAILS



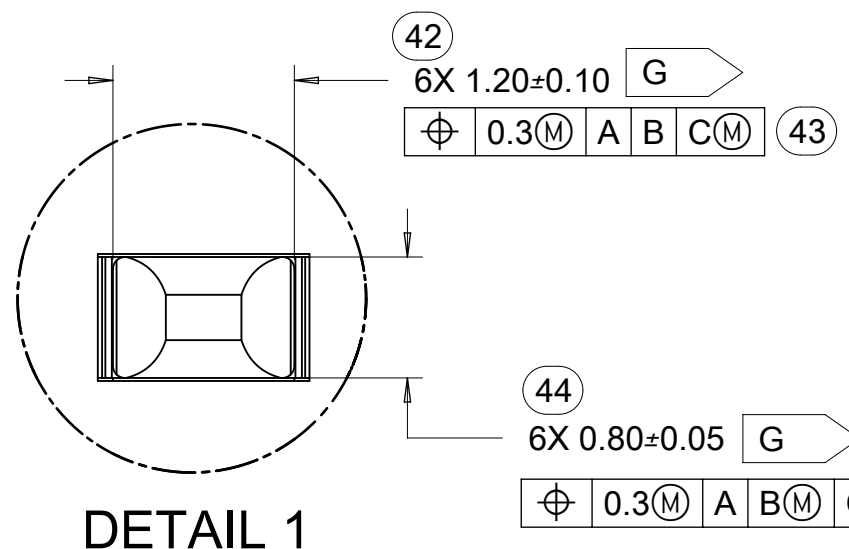
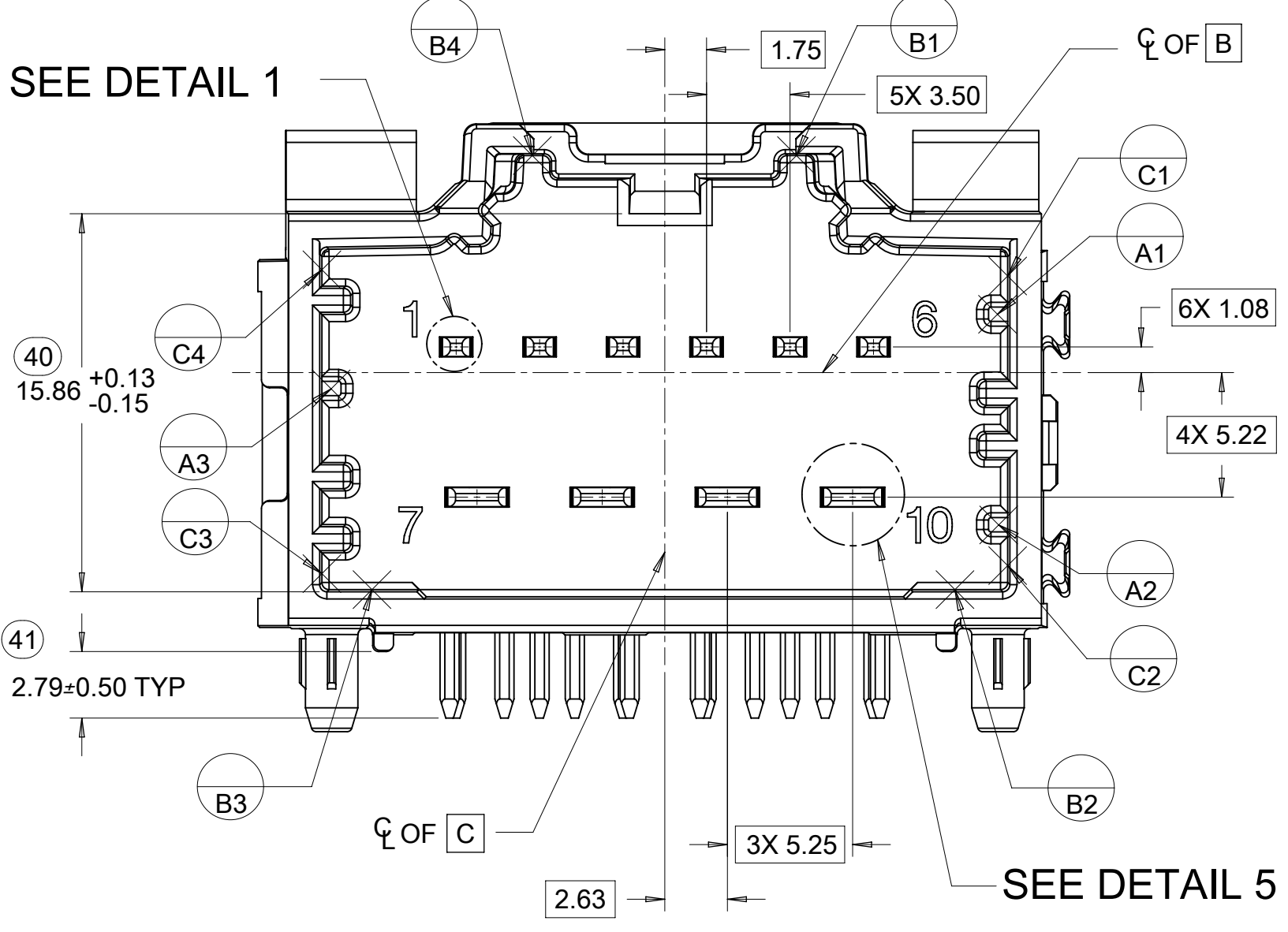
DETAIL 4
SCALE 20:1



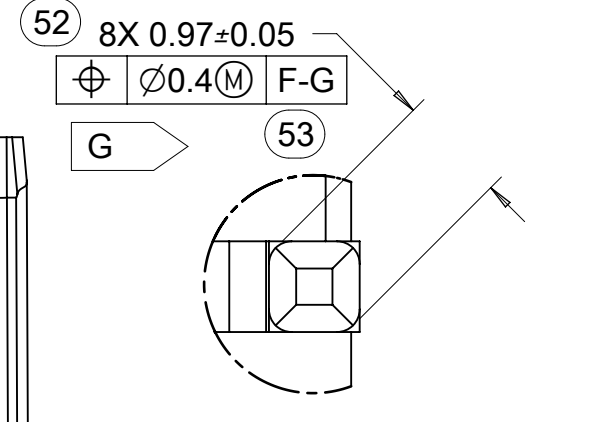
DETAIL 6
SCALE 15:1



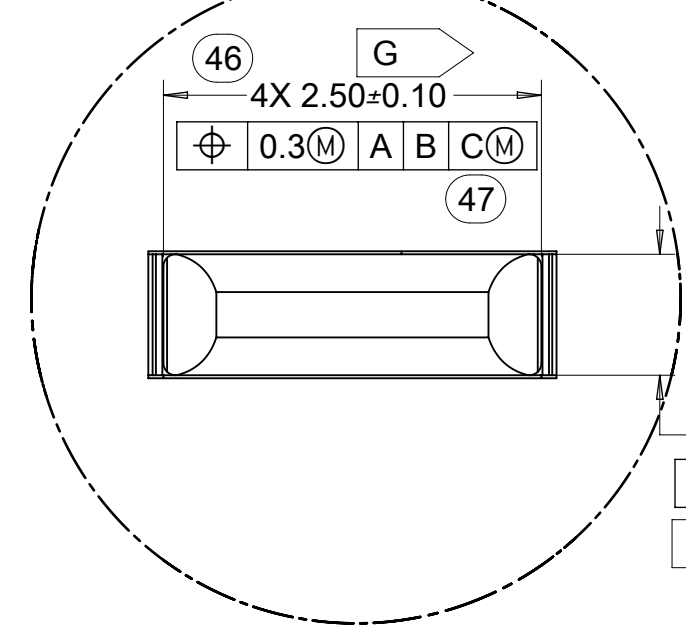
10CKT STAC HYBRID HEADER DETAILS



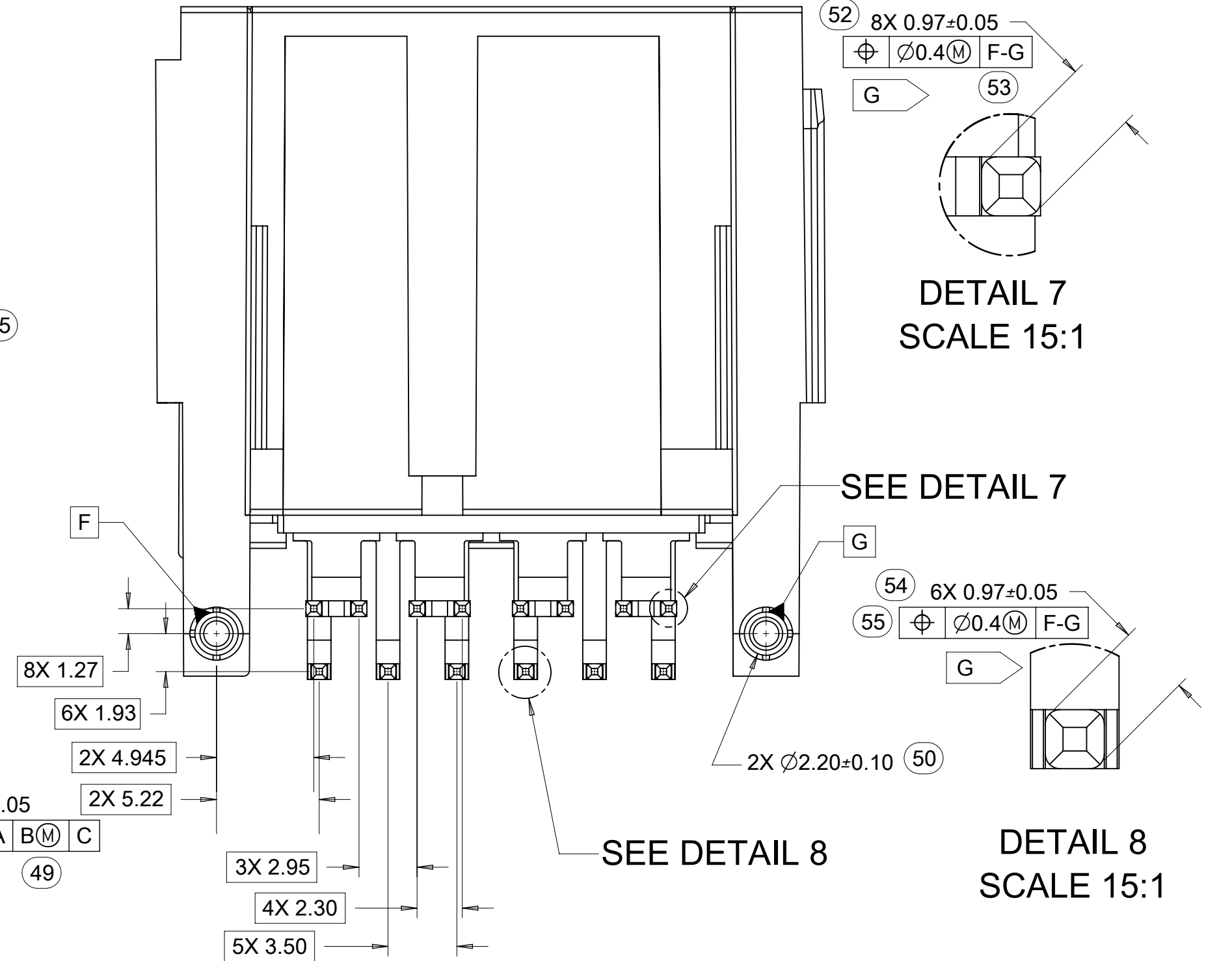
DETAIL 1
SCALE 20:1



DETAIL 7
SCALE 15:1



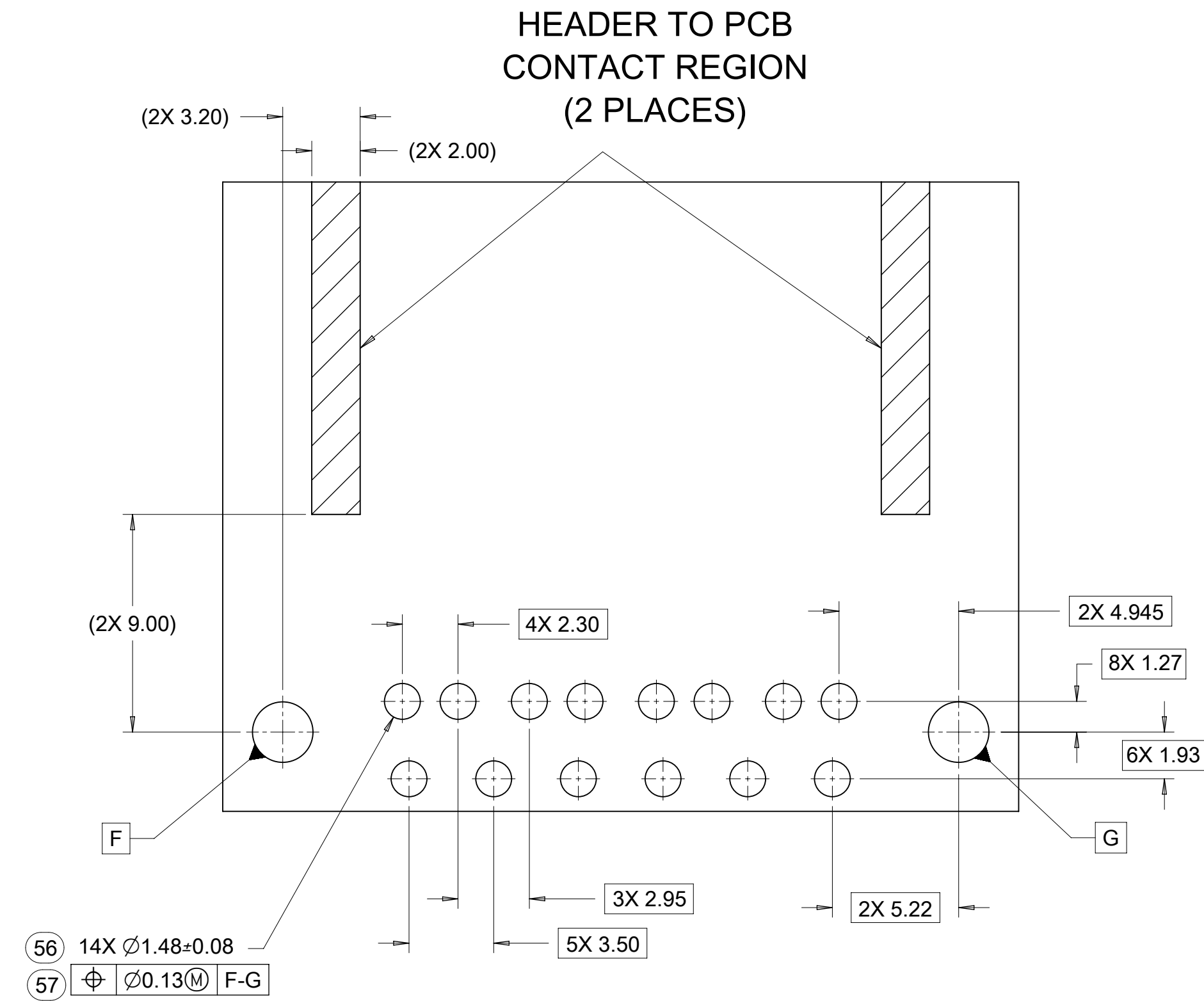
DETAIL 5
SCALE 20:1



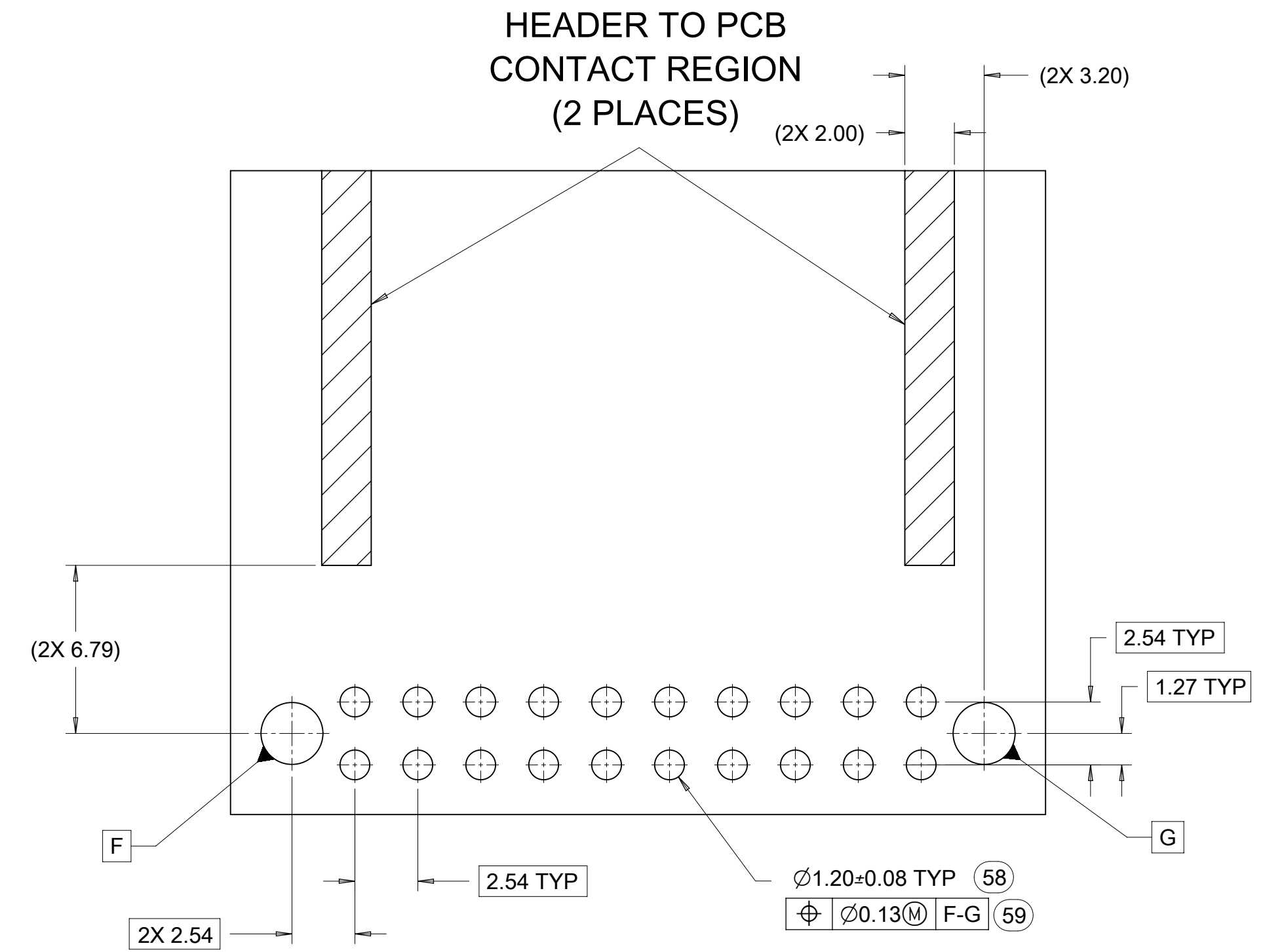
DETAIL 8
SCALE 15:1

QUALITY SYMBOLS ▽ = 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		DIMENSION UNITS mm		SCALE 4:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±		DRWN BY SHANDHAVAVAL		DATE 2019/03/29				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHKD BY RBAUMAN		DATE 2013/05/31		PRODUCT CUSTOMER DRAWING		
	EC NO: 614668 DRWN: SHANDHAVAVAL CHKD: RBAUMAN REV APPR: RBAUMAN		APPR BY RBAUMAN		DATE 2013/06/04		SERIES 34997		
	L8		DRAWING SIZE D		THIRD ANGLE PROJECTION		MATERIAL NUMBER SEE CHART		
	19		18		17		CUSTOMER GENERAL MARKET		
	16		15		14		DOCUMENT NUMBER SD-34997-300		
	13		12		11		DOC TYPE PSD		
	10		9		8		DOC PART SHEET NUMBER 001 3 OF 4		
	7		6		5		1		

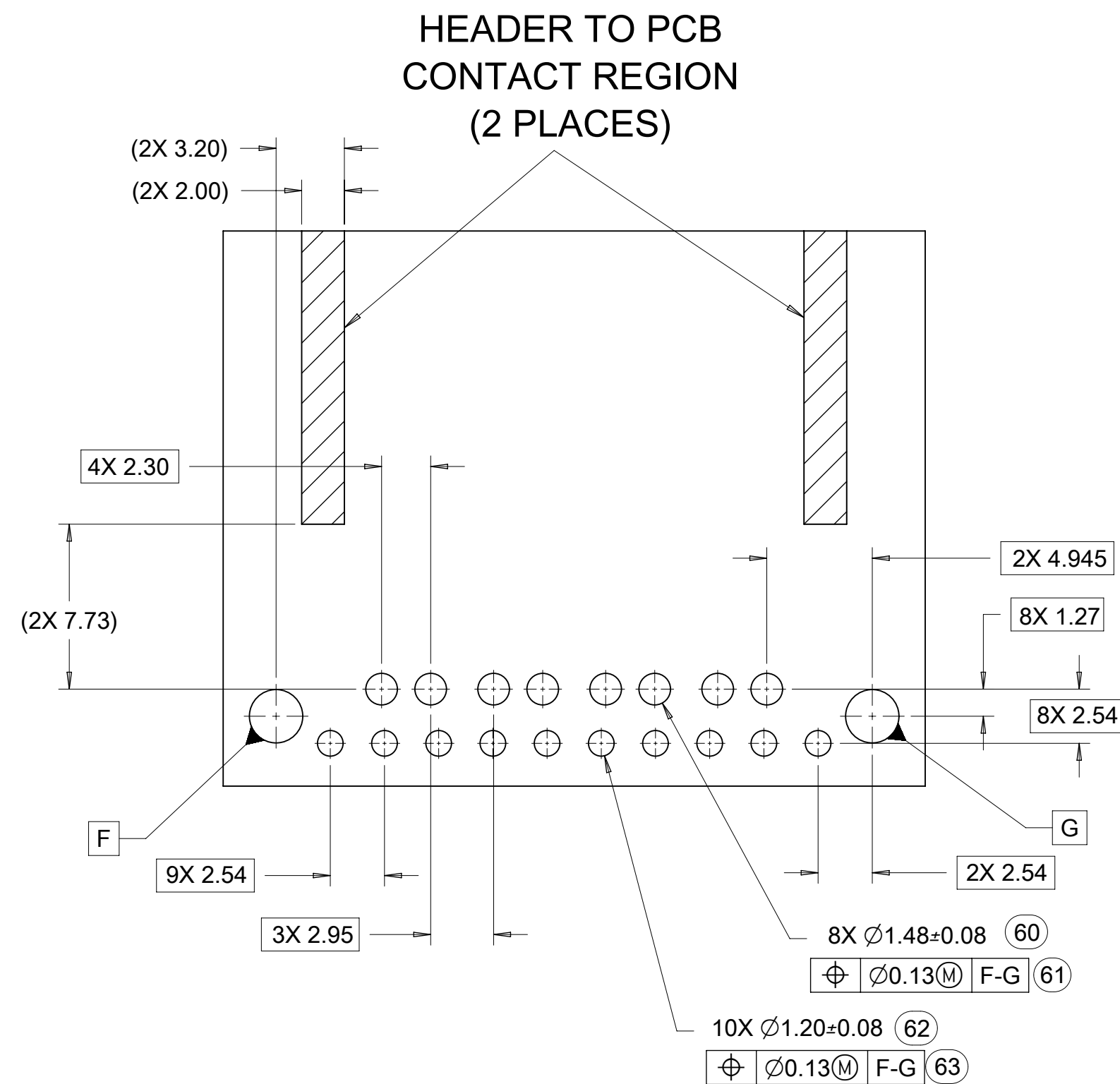
10 CKT HYBRID TEMPLATE PCB LAYOUT



8-20CKT 0.64mm TEMPLATE PCB LAYOUT

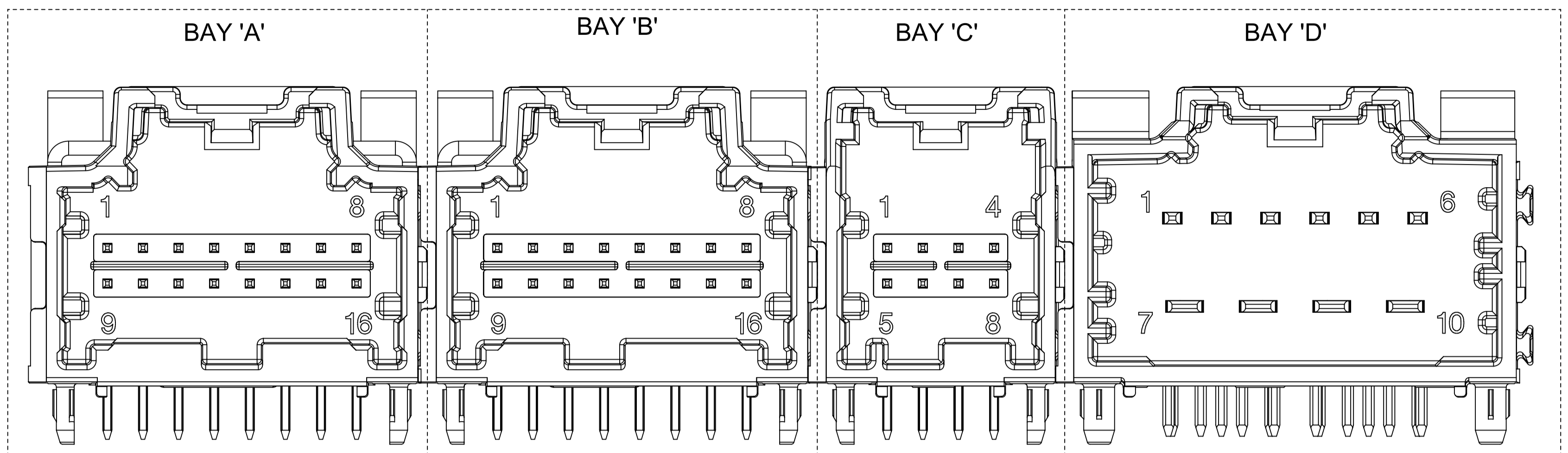


14 CKT HYBRID TEMPLATE PCB LAYOUT



QUALITY SYMBOLS ▽ = 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 EC NO: 614668 DRWN: SHANDITHAVAL CHKD: RBAUMAN REV: APPR: RBAUMAN		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		DIMENSION UNITS: mm SCALE: 5:1 DRWN BY: JFISCHER01 DATE: 2013/05/31 CHKD BY: RBAUMAN DATE: 2013/06/04 APPR BY: RBAUMAN DATE: 2013/06/04 DRAWING SIZE: D THIRD ANGLE PROJECTION		 STAC64 3-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING		
RELEASE STATUS: P1 RELEASE DATE: 2019/03/29 21:17:43		SERIES: 34997 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET		DOCUMENT NUMBER: SD-34997-300 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 4 OF 4						

4 BAY STAC64 RIGHT ANGLE PAP HEADER ASSEMBLY
(P/N: 34997-4000 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:
PRODUCTS SPECIFICATION:
8-20 CKT 0.64 PRODUCT SPEC: PS-34729-020/PS-31408-100
10/14CKT 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

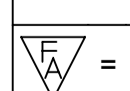

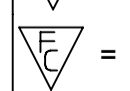
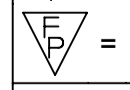
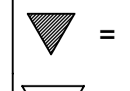
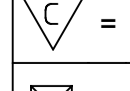

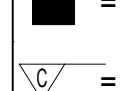
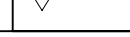

- a. SHROUD (PLASTIC HOUSING)
RESIN - SPS 30%GF
- b. 0.64mm PINS:
BASE MATERIAL: C26000
PLATING TYPE: AS NOTED
- 1.50mm/2.80mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

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-34691-601
10CKT HYBRID: SD-34696-100
14CKT HYBRID: SD-34773-010

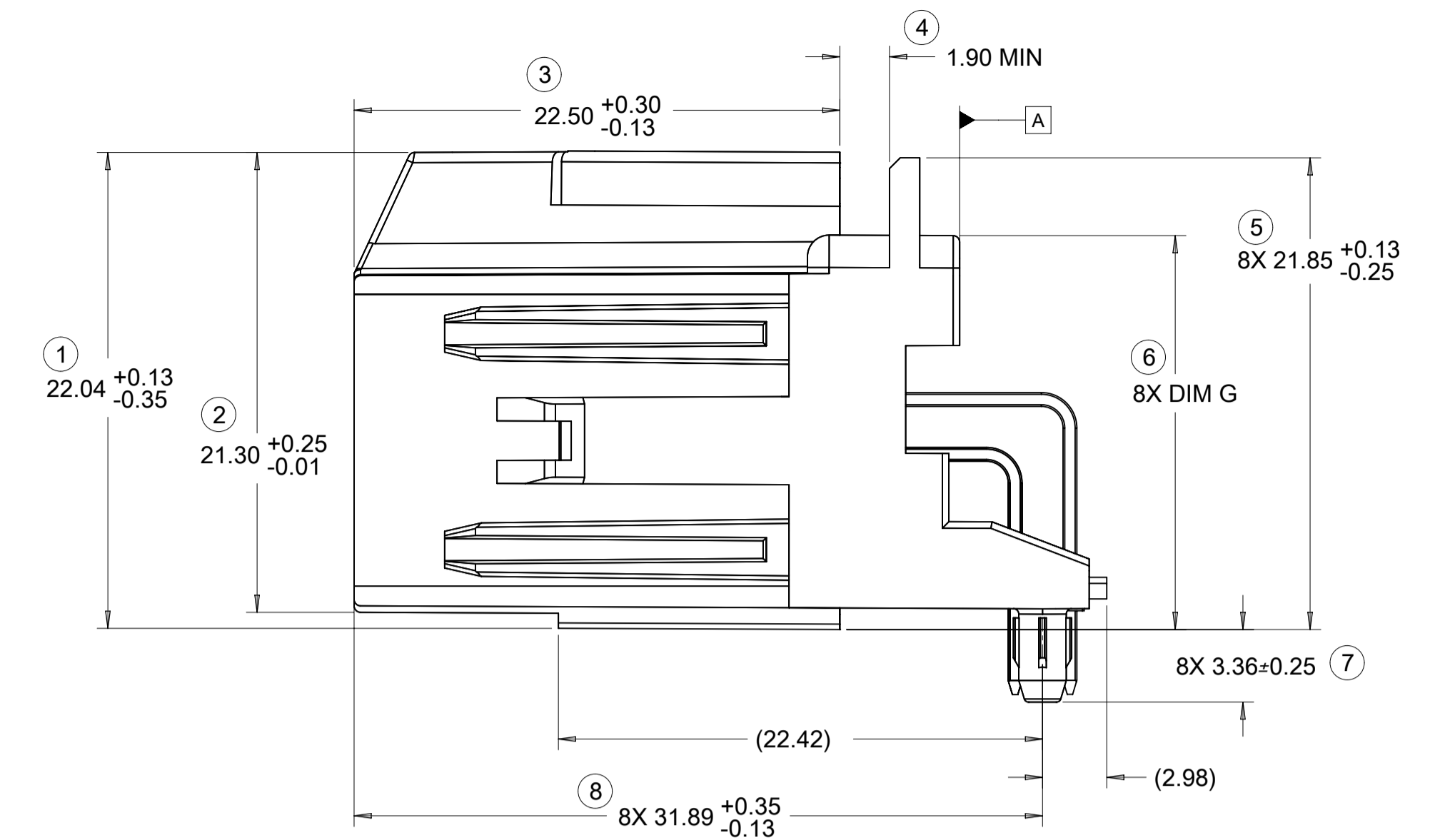
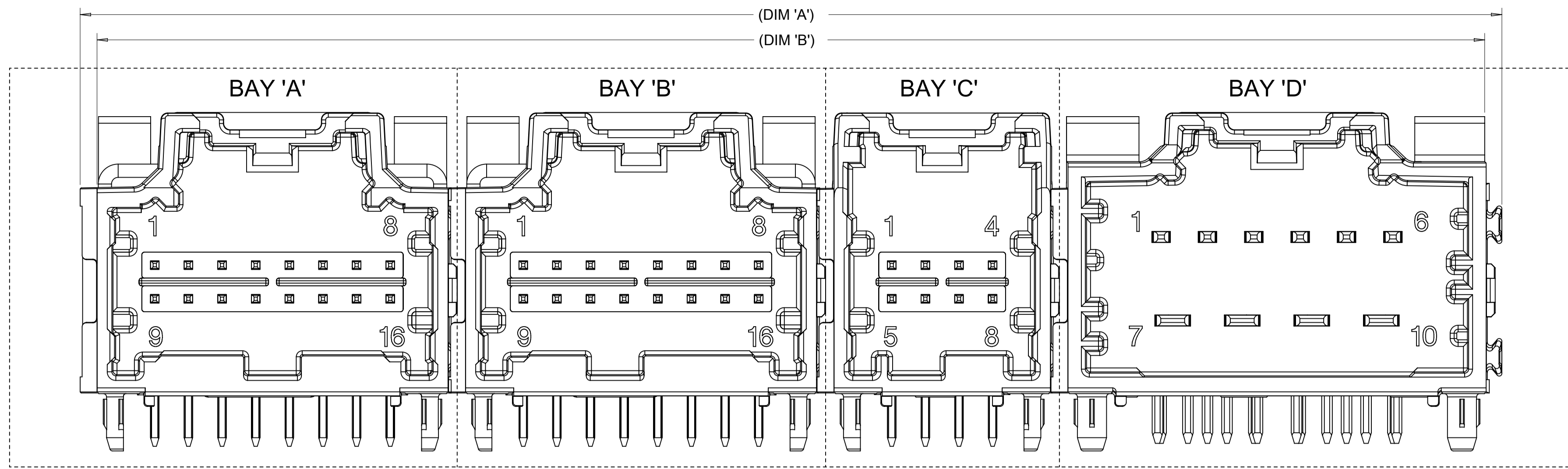
- 5.  DENOTES DIMENSIONS THAT MAY BE QUALIFIED WITH A GAUGE.

QUALITY 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	EC NO: 612618 DRWN: SHANDITHAVAL CHKD: RBAUMAN APPR: RBAUMAN	C8	2019/02/23	2019/02/23	ANGULAR TOL ± 1.0 °	DRWN BY	DATE	STAC64 4-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING		
 = 0					4 PLACES ±	JFISCHER01	2013/05/31			
 = 0					3 PLACES ±	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING		
 = 0					2 PLACES ± 0.13	RBAUMAN	2013/06/04			
 = 0					1 PLACE ± 0.25	DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER
 = 0	0 PLACES ±	A1		34997	SEE CHART	GENERAL MARKET				
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	1 OF 5	
					SD-34997-400	PSD	001			

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

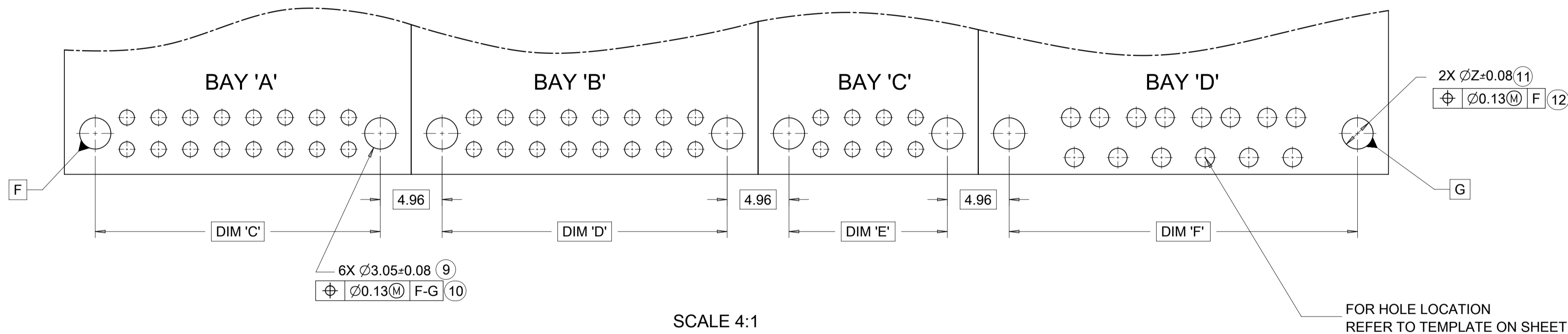
4 BAY PART NUMBER (TUBE PKG)	4 BAY PART NUMBER (TRAY PKG)	BAY A			BAY B			BAY C			BAY D			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
		CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL						
TBD	34997-4000	16	0.64mm	B	16	0.64mm	A	8	0.64mm	A	10	HYBRID	A	107.34	104.87	22.86	22.86	12.70	27.94
TBD	34997-4001	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	34997-4002	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	34997-4003	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	10	HYBRID	A	132.74	130.27	27.94	27.94	27.94	27.94
34997-9004	34997-4004	12	0.64mm	A	12	0.64mm	B	16	0.64mm	A	16	0.64mm	B	102.26	99.79	17.78	17.78	22.86	22.86

QUALITY SYMBOLS FA = 0 FB = 0 FC = 0 FD = 0 FE = 0 FF = 0 FG = 0 FH = 0 FI = 0 FJ = 0 FK = 0 FL = 0 FM = 0 FN = 0 FO = 0 FP = 0 FQ = 0 FR = 0 FS = 0 FT = 0 FU = 0 FV = 0 FW = 0 FX = 0 FY = 0 FZ = 0 FA0 = 0 FA1 = 0 FA2 = 0 FA3 = 0 FA4 = 0 FA5 = 0 FA6 = 0 FA7 = 0 FA8 = 0 FA9 = 0 FA10 = 0 FA11 = 0 FA12 = 0 FA13 = 0 FA14 = 0 FA15 = 0 FA16 = 0 FA17 = 0 FA18 = 0 FA19 = 0 FA20 = 0 FA21 = 0 FA22 = 0 FA23 = 0 FA24 = 0 FA25 = 0 FA26 = 0 FA27 = 0 FA28 = 0 FA29 = 0 FA30 = 0 FA31 = 0 FA32 = 0 FA33 = 0 FA34 = 0 FA35 = 0 FA36 = 0 FA37 = 0 FA38 = 0 FA39 = 0 FA40 = 0 FA41 = 0 FA42 = 0 FA43 = 0 FA44 = 0 FA45 = 0 FA46 = 0 FA47 = 0 FA48 = 0 FA49 = 0 FA50 = 0 FA51 = 0 FA52 = 0 FA53 = 0 FA54 = 0 FA55 = 0 FA56 = 0 FA57 = 0 FA58 = 0 FA59 = 0 FA60 = 0 FA61 = 0 FA62 = 0 FA63 = 0 FA64 = 0 FA65 = 0 FA66 = 0 FA67 = 0 FA68 = 0 FA69 = 0 FA70 = 0 FA71 = 0 FA72 = 0 FA73 = 0 FA74 = 0 FA75 = 0 FA76 = 0 FA77 = 0 FA78 = 0 FA79 = 0 FA80 = 0 FA81 = 0 FA82 = 0 FA83 = 0 FA84 = 0 FA85 = 0 FA86 = 0 FA87 = 0 FA88 = 0 FA89 = 0 FA90 = 0 FA91 = 0 FA92 = 0 FA93 = 0 FA94 = 0 FA95 = 0 FA96 = 0 FA97 = 0 FA98 = 0 FA99 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	EC NO: 612618 DRWN: SHANDITHAVAL CHKD: RBAUMAN APPR: RBAUMAN	2019/02/22 2019/02/23 2019/02/23	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: mm SCALE: 1:1 ANGULAR TOL ± 1.0 ° DRWN BY: JFISCHER01 DATE: 2013/05/31 CHK'D BY: [blank] DATE: [blank]	molex® STAC64 4-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING						
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±	APPR BY: RBAUMAN DATE: 2013/06/04	PRODUCT CUSTOMER DRAWING							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE: A1 THIRD ANGLE PROJECTION	SERIES: 34997 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET							
	C8	DOCUMENT NUMBER: SD-34997-400 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 2 OF 5								



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

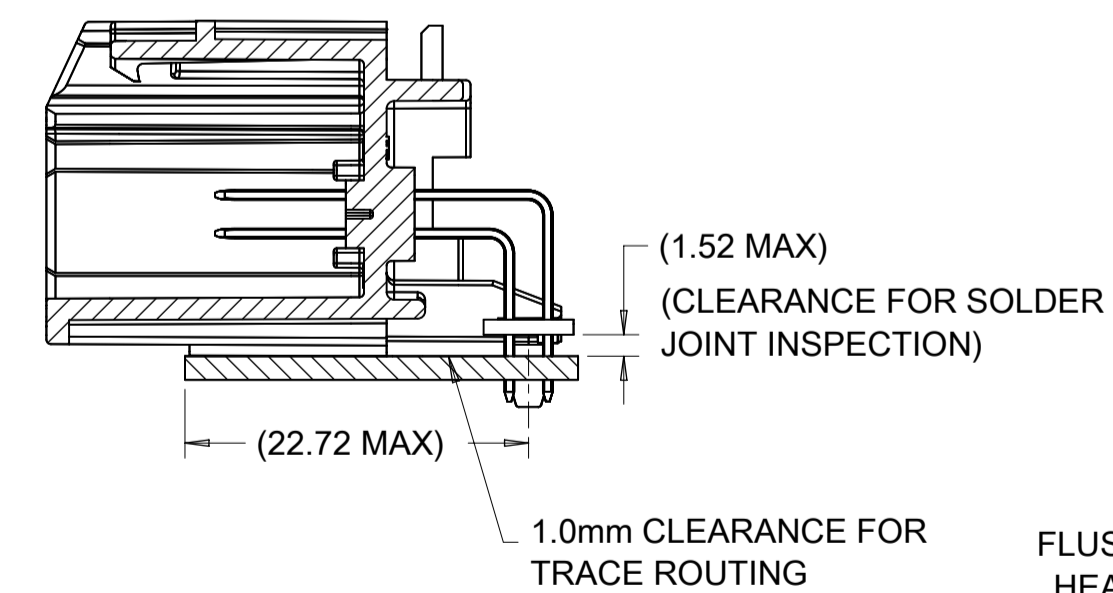
RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAYS USING CHART ON SHEET 2



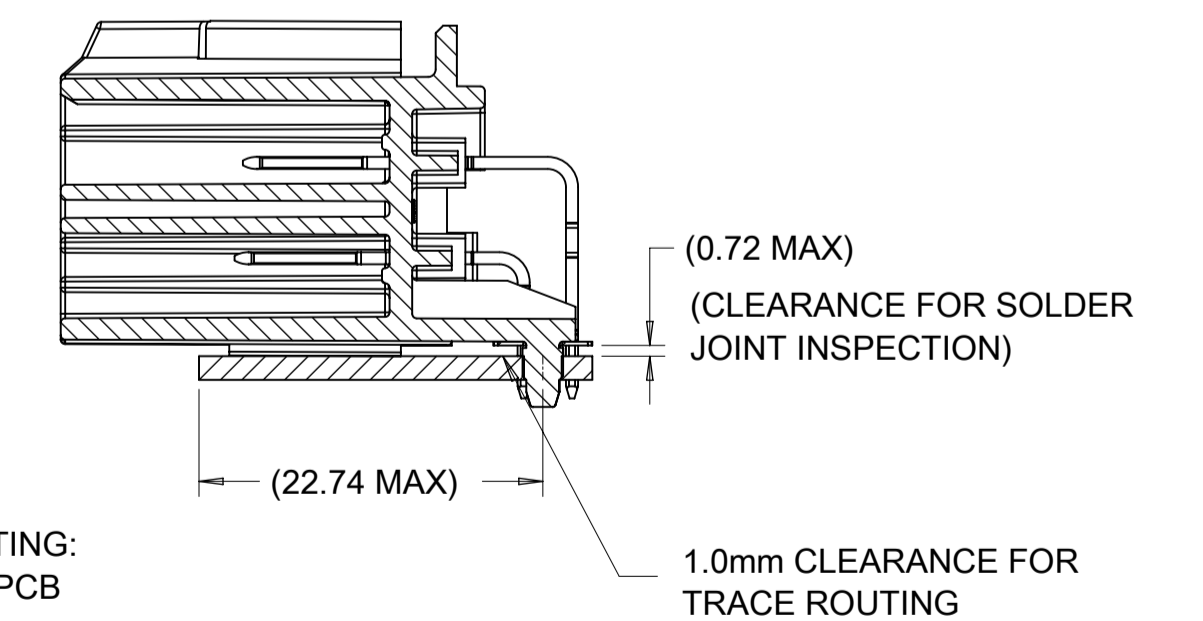
POST HOLE TABLE:

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

8-20CKT 0.64mm

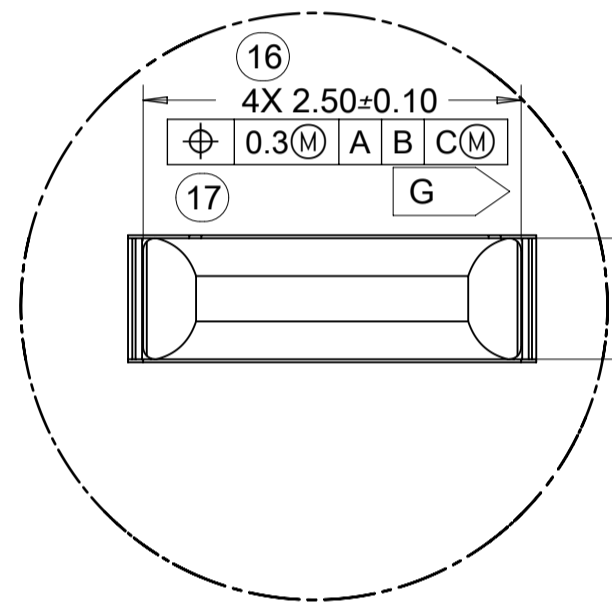
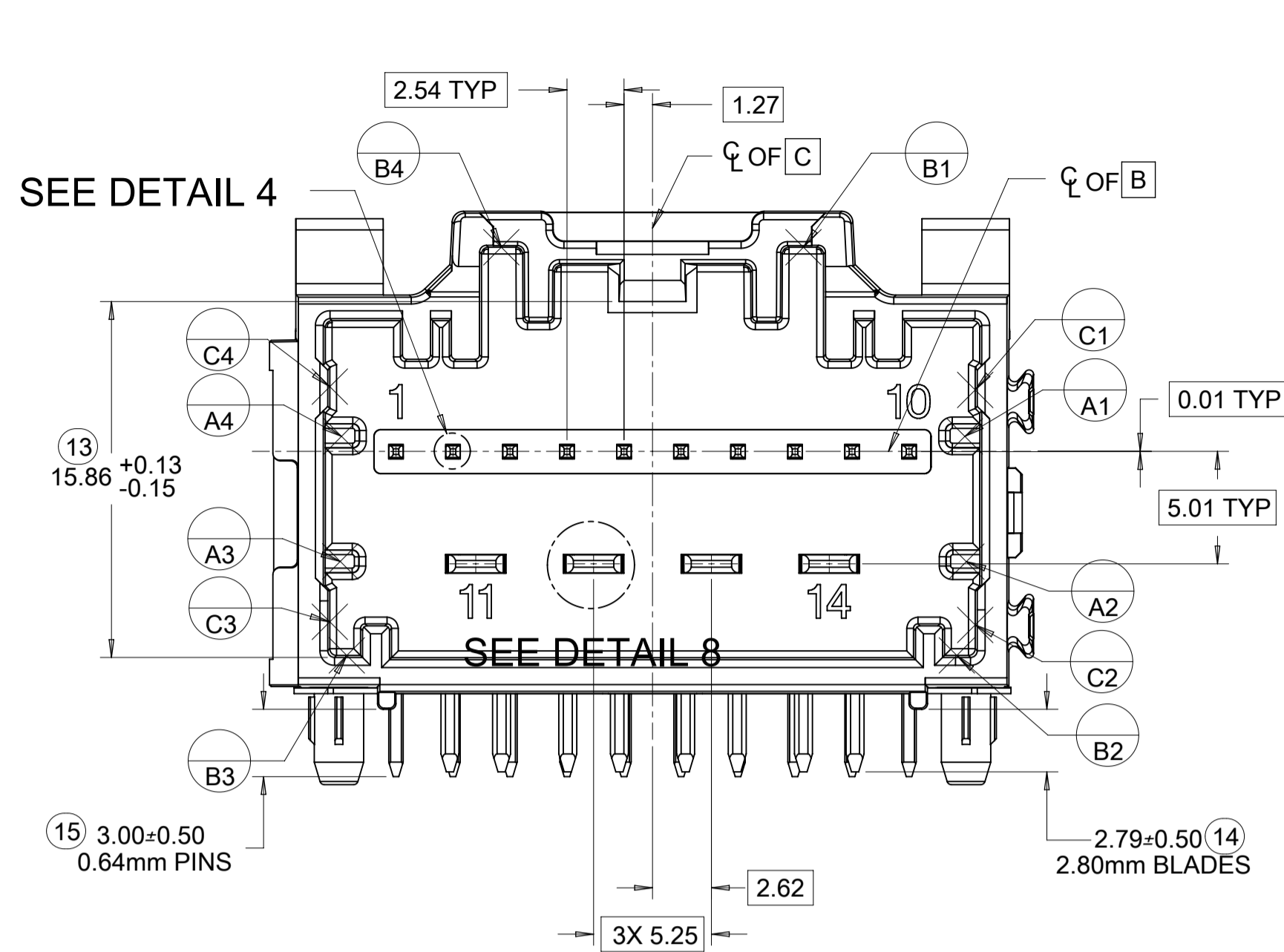


10/14CKT HYBRID



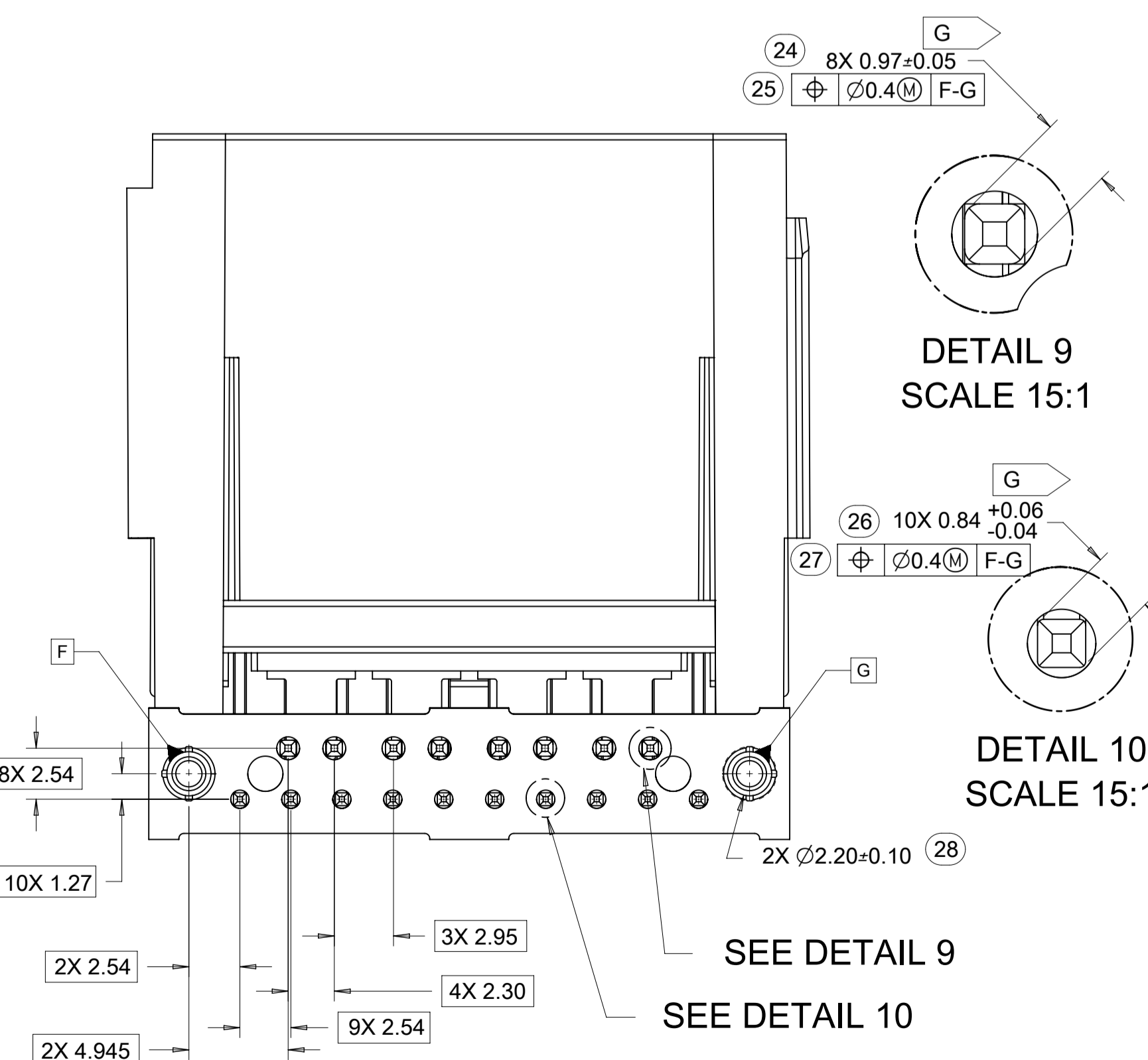
QUALITY SYMBOLS F _A = 0 F _E = 0 F _G = 0 ▽ = 0 C = 0 ⊠ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	EC NO: 612618 DRWN: SHANDHAVA CHKD: RBAUMAN REV APPR: RBAUMAN	2019/02/22 2019/02/23 2019/02/23	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±	DIMENSION UNITS: mm SCALE: 4:1 DRWN BY: JFISCHER01 DATE: 2013/05/31 CHK'D BY: [blank] DATE: [blank] APPR BY: RBAUMAN DATE: 2013/06/04		STAC64 4-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE: A1 THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING
	RELEASE STATUS: P1 RELEASE DATE: 2019/02/23 23:33:07	SERIES: 34997 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET	DOCUMENT NUMBER: SD-34997-400 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 3 OF 5			

14 CKT STAC HYBRID HEADER DETAILS

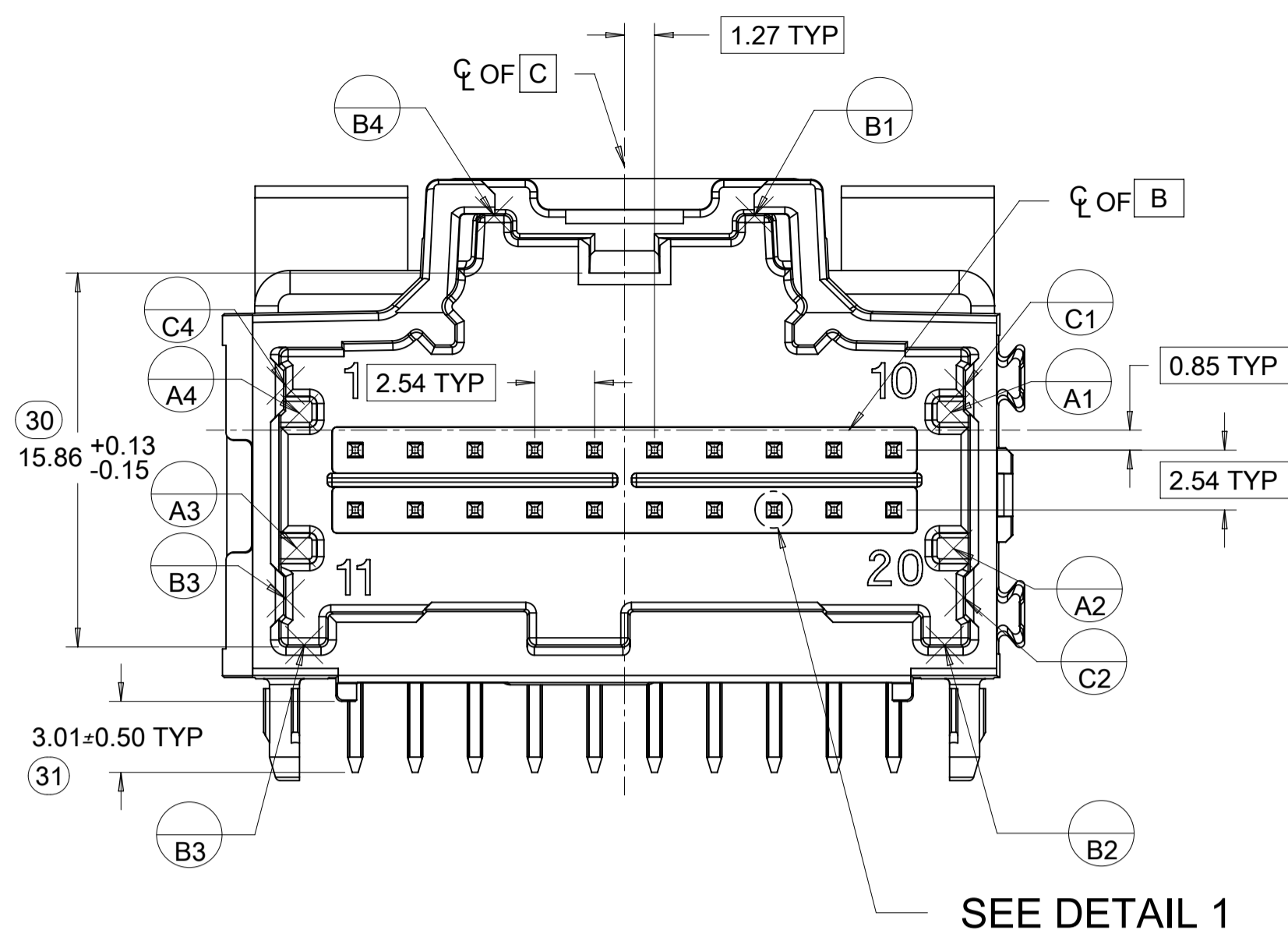


DETAIL 4 SCALE 20:1

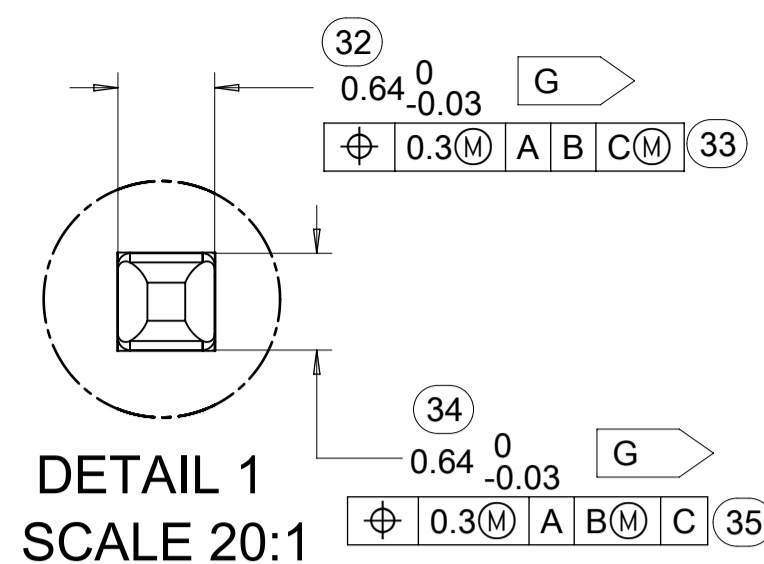
DETAIL 8 SCALE 20:1



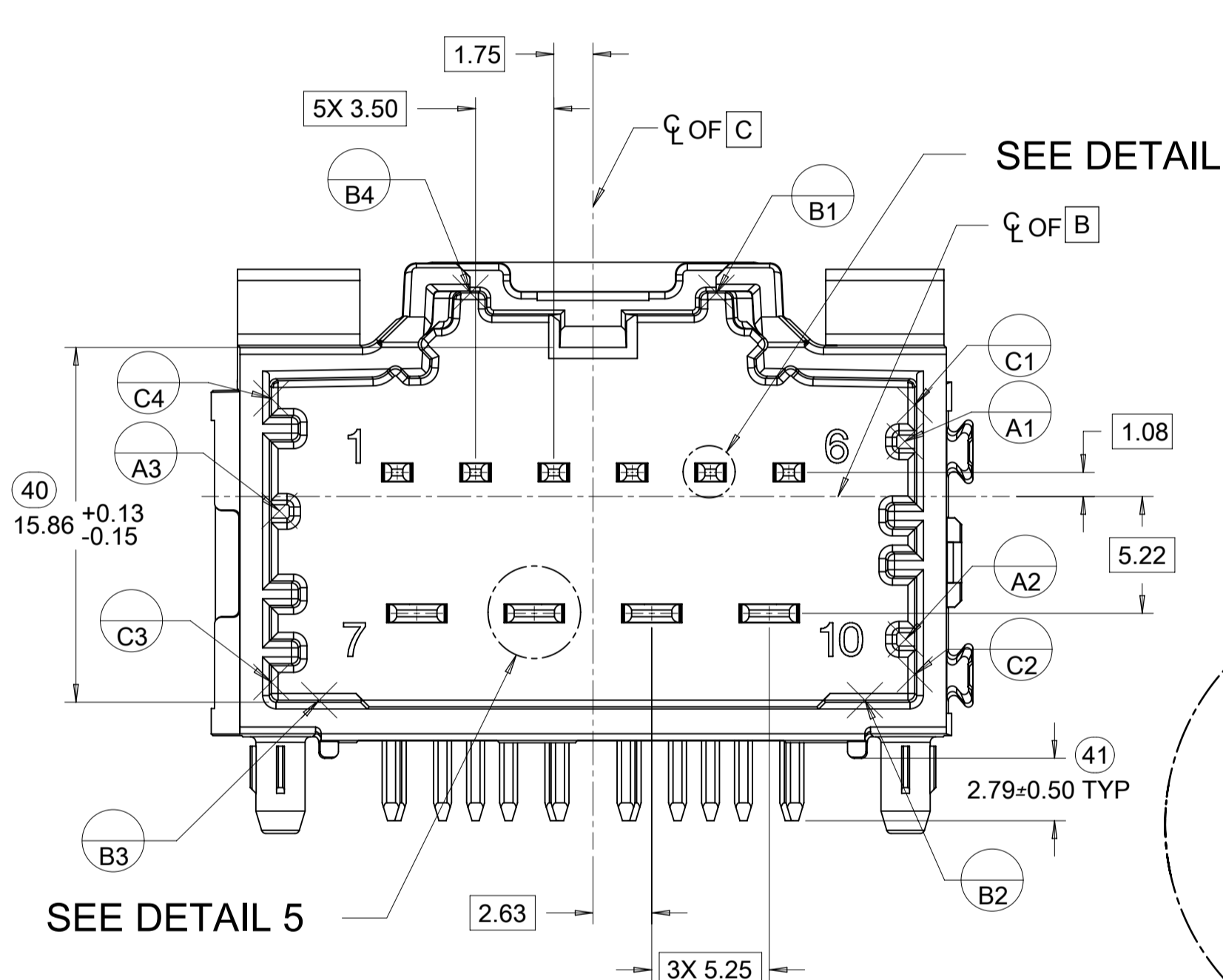
DETAIL 10 SCALE 15:1



SEE DETAIL 1

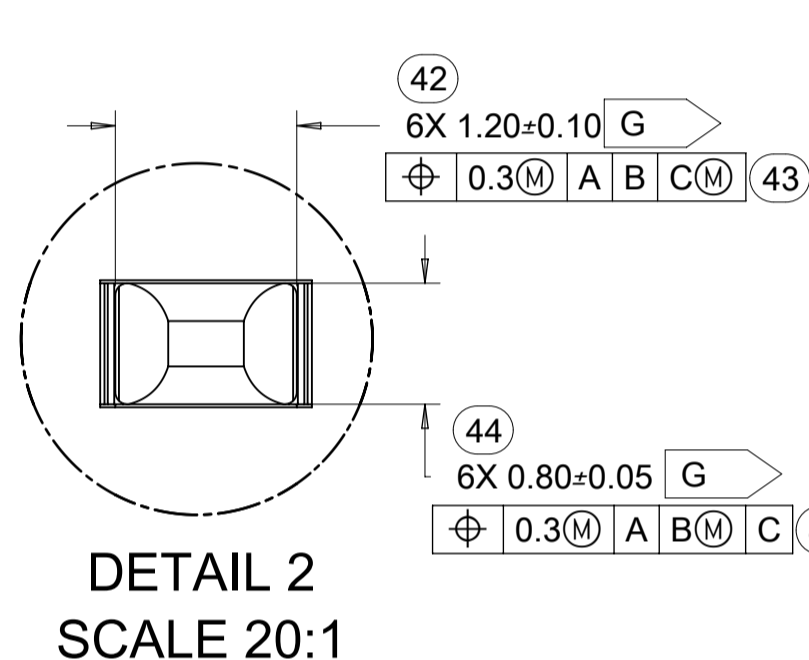


DETAIL 1 SCALE 20:1

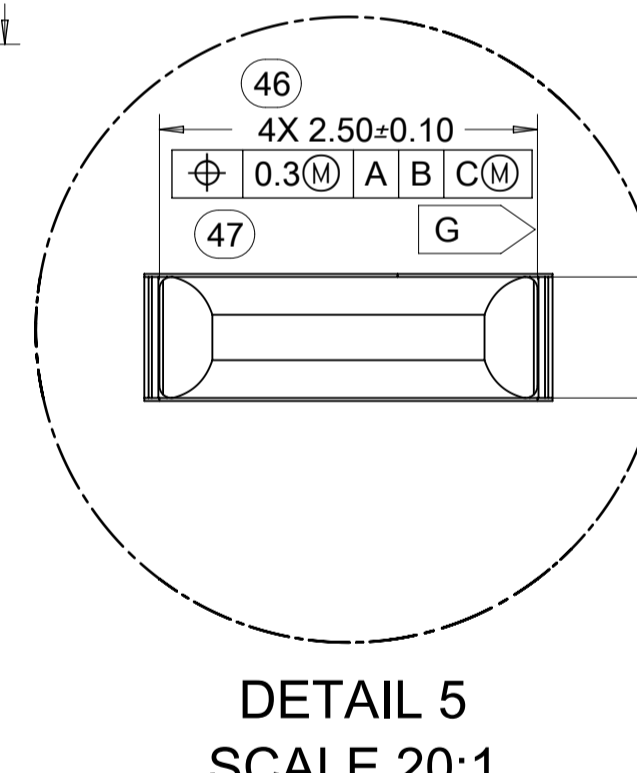


SEE DETAIL 5

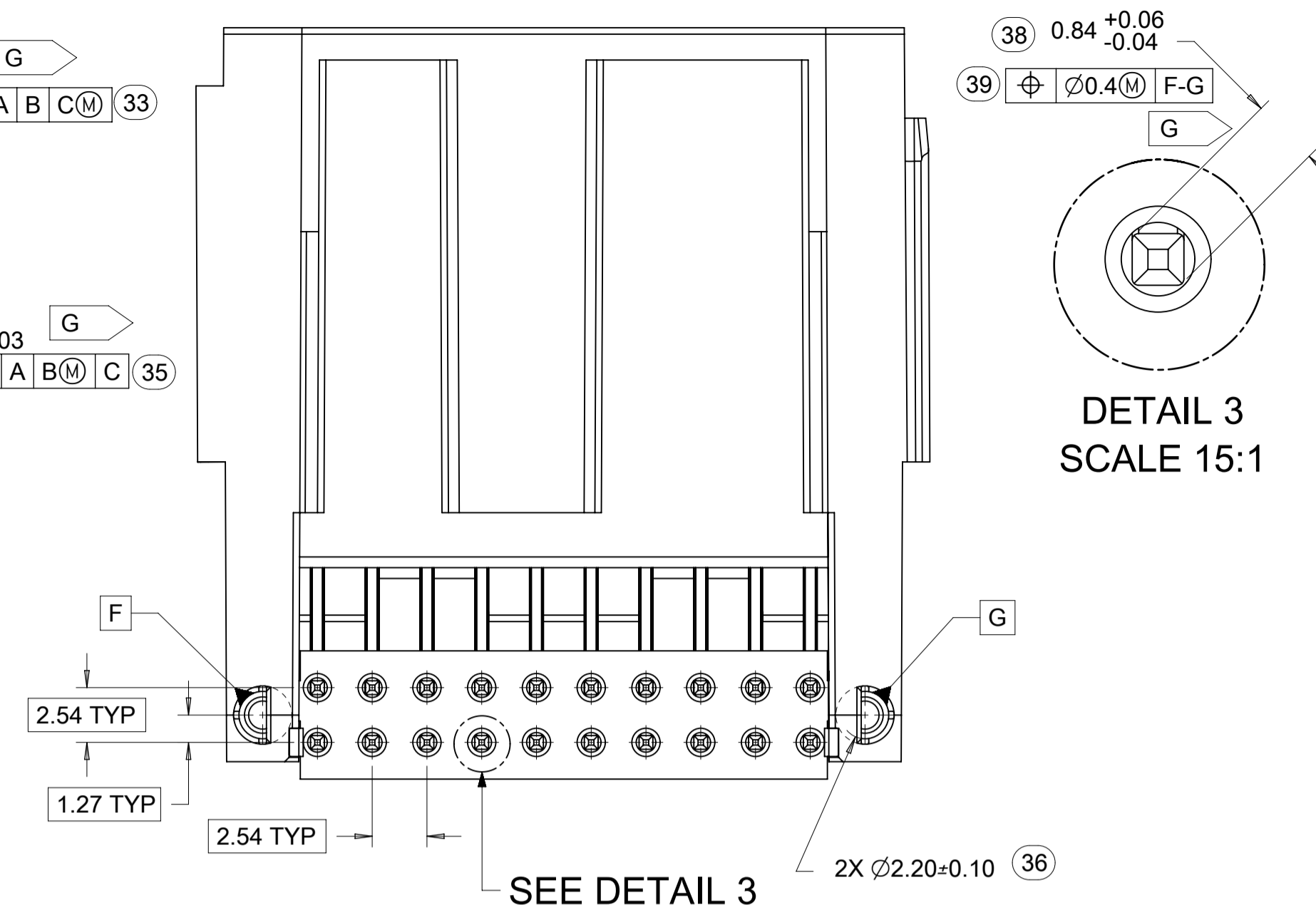
SEE DETAIL 2



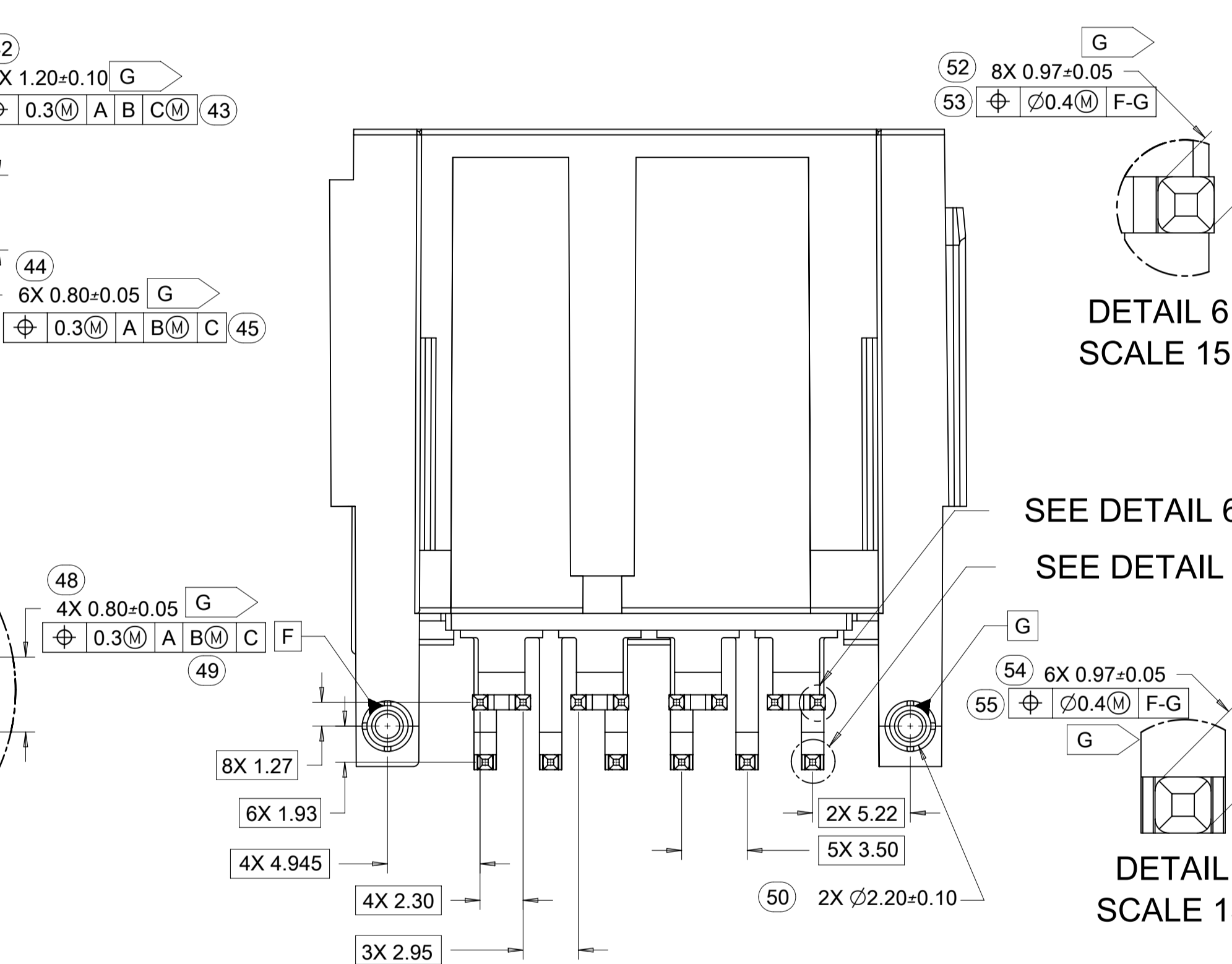
DETAIL 2 SCALE 20:1



DETAIL 5 SCALE 20:1



DETAIL 3 SCALE 15:1

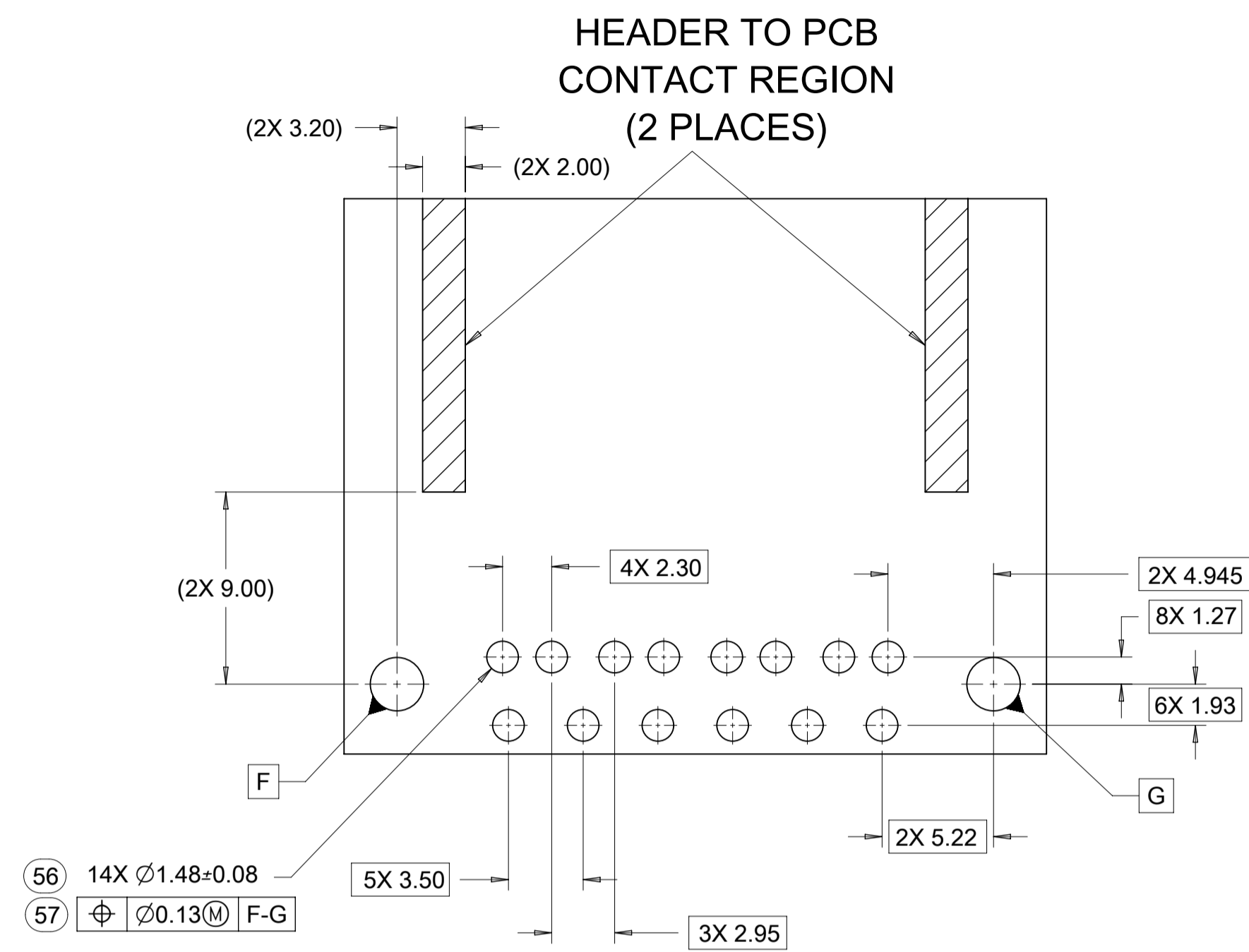


DETAIL 6 SCALE 15:1

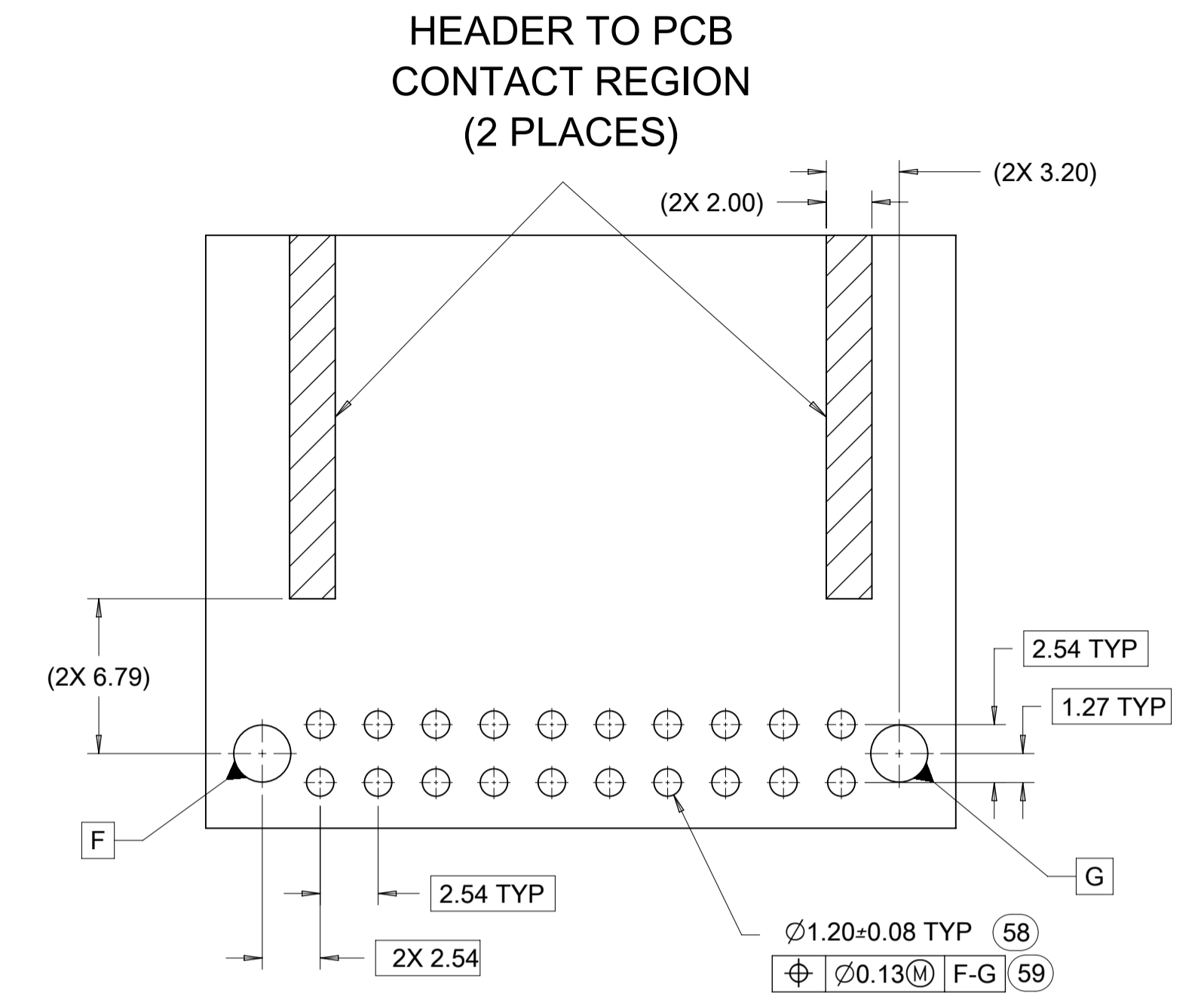
DETAIL 7 SCALE 15:1

QUALITY SYMBOLS F = 0 E = 0 E = 0 = 0 C = 0 X = 0 = 0 V = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	EC NO: 612618 DRWN: SHANDITHAVAL CHKD: RBAUMAN APPR: RBAUMAN	2019/02/22 2019/02/23 2019/02/23	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	DIMENSION UNITS: mm SCALE: 4:1 DRWN BY: JFISCHER01 DATE: 2013/05/31 CHKD BY: RBAUMAN DATE: 2013/06/04 APPR BY: RBAUMAN DATE: 2013/06/04 DRAWING SIZE: A1 THIRD ANGLE PROJECTION

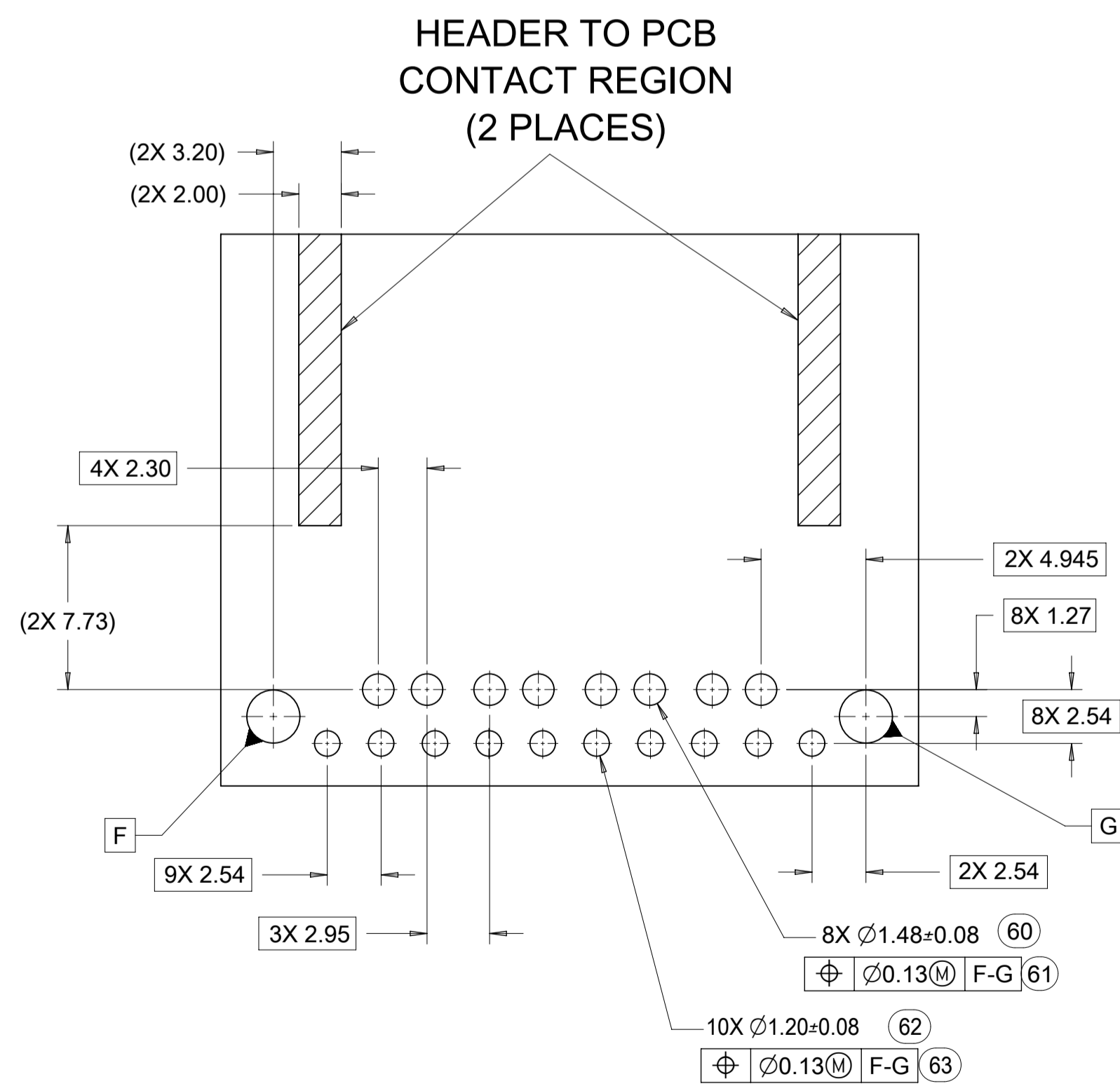
10 CKT HYBRID TEMPLATE PCB LAYOUT



8-20CKT 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											
QUALITY SYMBOLS	EC NO: 612618 DRWN: SHANDITHAVAL CHKD: RBAUMAN APPR: RBAUMAN	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
		ANGULAR TOL ± 1.0 °		mm	4:1						
FA = 0	C8 REV:	4 PLACES ±	DRWN BY	DATE		STAC64 4-BAY PAP R/A LONG PIN HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING					
FE = 0		3 PLACES ±	JFISCHER01	2013/05/31							
FF = 0		2 PLACES ± 0.13	CHK'D BY	DATE							
GD = 0		1 PLACE ± 0.25	RBAUMAN	2013/06/04							
GC = 0		0 PLACES ±	APPR BY	DATE							
GH = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	RBAUMAN	2013/06/04							
GI = 0		DRAWING SIZE	THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER		
		A1			34997		SEE CHART		GENERAL MARKET		
					DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER
					SD-34997-400		PSD		001		5 OF 5