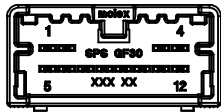
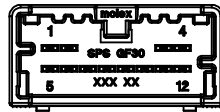


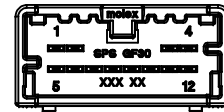
12 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION A



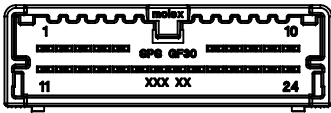
12 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION B



12 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION C

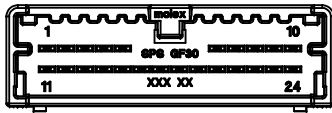


12 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION D



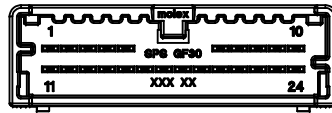
24 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION A

NOT TOOLED



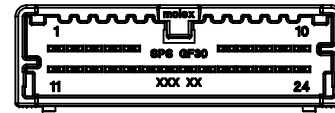
24 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION B

NOT TOOLED



24 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION C

NOT TOOLED



24 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION D

NOT TOOLED

MINI50 VERTICAL HEADER ASSEMBLIES

MATERIAL NUMBER TRAY PACKAGING PK-31301-688	CIRCUIT	POL	COLOR	BLADE PLATING	MATING COMPONENT
34825-0120	12	A	BLACK	TIN OVER NICKEL	34824-0120
34825-0121	12	B	GRAY	TIN OVER NICKEL	34824-0121
34825-0122	12	C	BROWN	TIN OVER NICKEL	34824-0122
34825-0123	12	D	GREEN	TIN OVER NICKEL	34824-0123
34825-0240 - NOT TOOLED	24	A	BLACK	TIN OVER NICKEL	34824-0240 - NOT TOOLED
34825-0241 - NOT TOOLED	24	B	GRAY	TIN OVER NICKEL	34824-0241 - NOT TOOLED
34825-0242 - NOT TOOLED	24	C	BROWN	TIN OVER NICKEL	34824-0242 - NOT TOOLED
34825-0243 - NOT TOOLED	24	D	GREEN	TIN OVER NICKEL	34824-0243 - NOT TOOLED

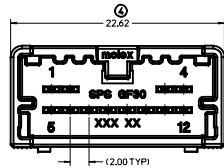
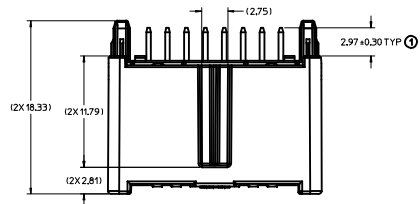
NOTES: VALID UNLESS OTHERWISE SPECIFIED

- GENERAL:
 - APPLICATION SPECIFICATION SEE: AS-34791-020
 - PRODUCT SPECIFICATION SEE: PS-34791-020
 - PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-688
 - SOLDERABILITY PER SMES-152
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: OHS-699000-300
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#3255)
 - FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
- DESIGN - MATERIALS:
 - SHROUD (PLASTIC) HOUSING: SPS 30% GF, 20% REGRIND MAX PER WEIGHT
 - BLADES:
 - BASE METAL: C260 BRASS
 - PLATING REQUIREMENTS:
 - TIN OVER NICKEL:
 - UNDERPLATING:
 - OVERALL NICKEL
 - OVERPLATING:
 - OVERALL TIN
- DESIGN - GEOMETRY:
 - THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - GENERAL TOLERANCES: SEE TITLE BLOCK
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.1 MAX
 - LETTERING SHALL BE 0.10 MAX RAISED. THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, AND CIRCUIT ID.

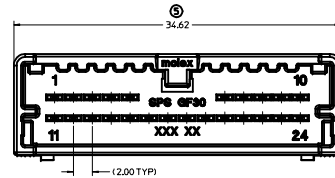
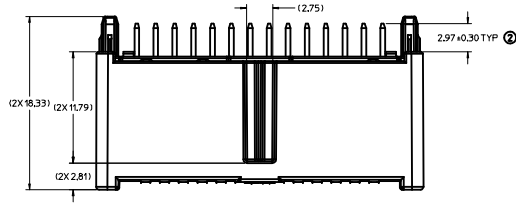
LAST BALLOON ON DRAWING:
⑥
DELETED BALLOONS:

INITIAL RELEASE EC NO. UAU2011-1023 DRAWN TO CODE DATE: 2011/02/25 APPROVED BY: SHARCEAU DATE: 2011/05/18 REV: 1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm		INCH		DATE		TITLE	
		4 PLACES ± --- ± ---		TUCUCU		2011/02/25		MINI50 DUAL ROW VERTICAL ASSEMBLY SALES DRAWING	
		3 PLACES ± --- ± ---		CHECKED BY		DATE		MOLEX MOLEX INCORPORATED	
2 PLACES ± 0.10 ± ---		TACHUGA		2011/02/28		DOCUMENT NO.		SHEET NO.	
1 PLACE ± 0.20 ± ---		APPROVED BY		DATE		SD-34825-000		1 OF 2	
ANGULAR ± 3 °		SHARCEAU		2011/05/18		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SIZE E					

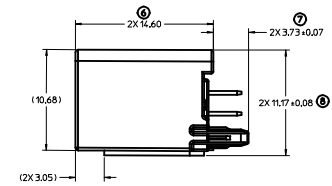
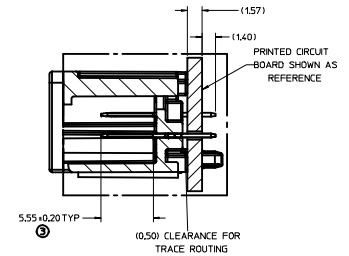
12 CIRCUIT VERTICAL HEADER



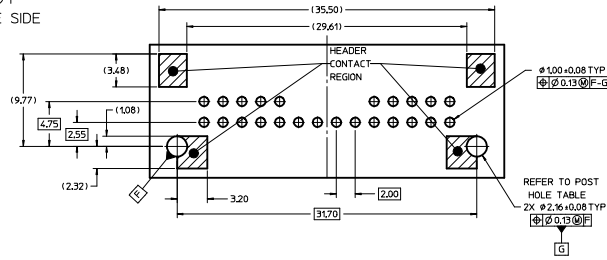
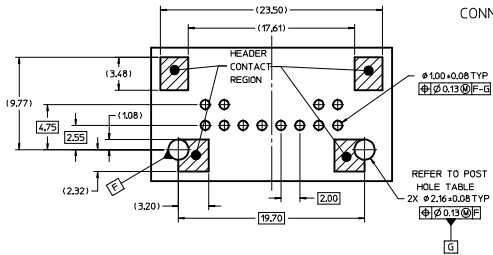
24 CIRCUIT VERTICAL HEADER



HEADER TO PCB FLUSH MOUNT



PCB LAYOUT CONNECTOR MATE SIDE

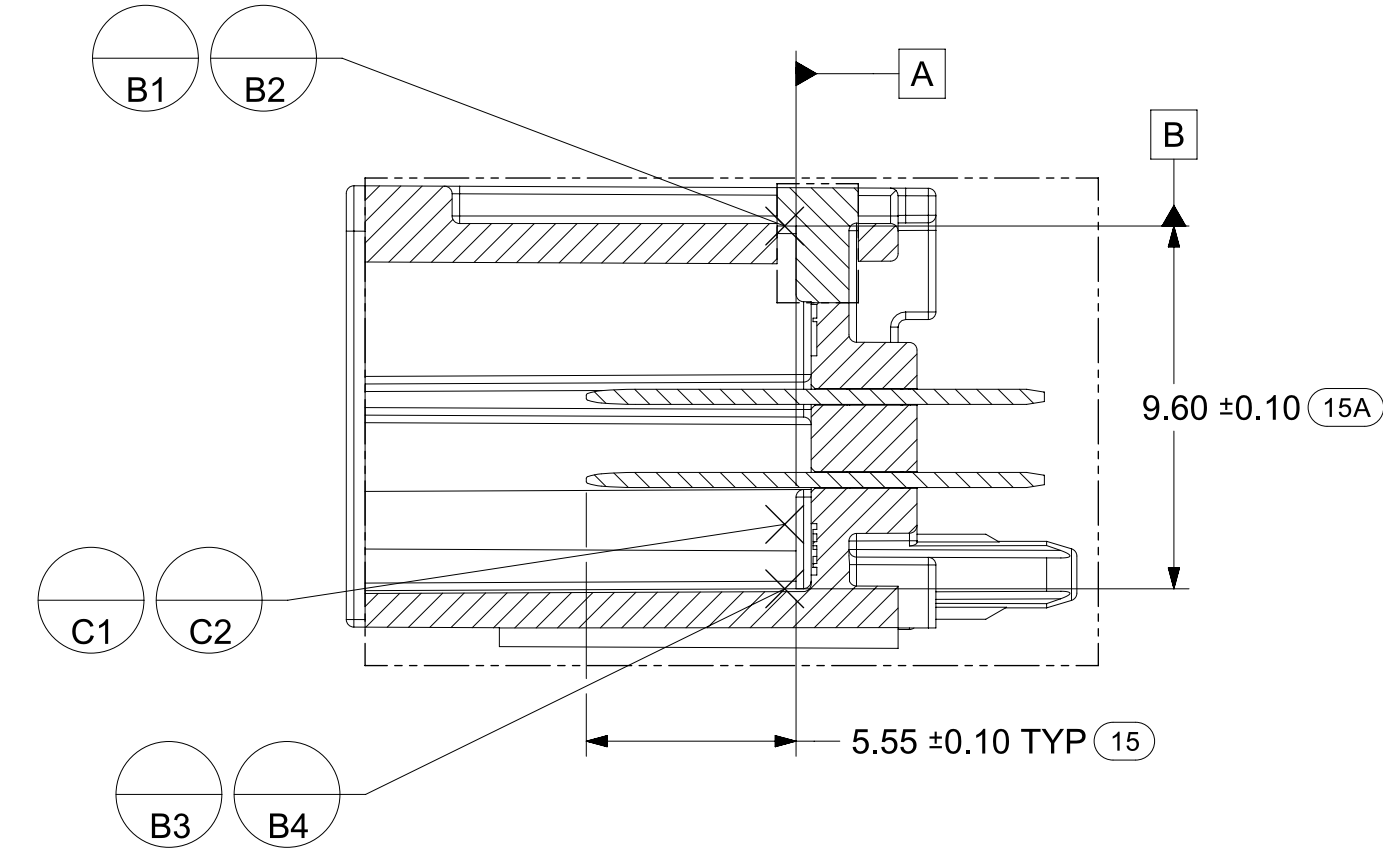
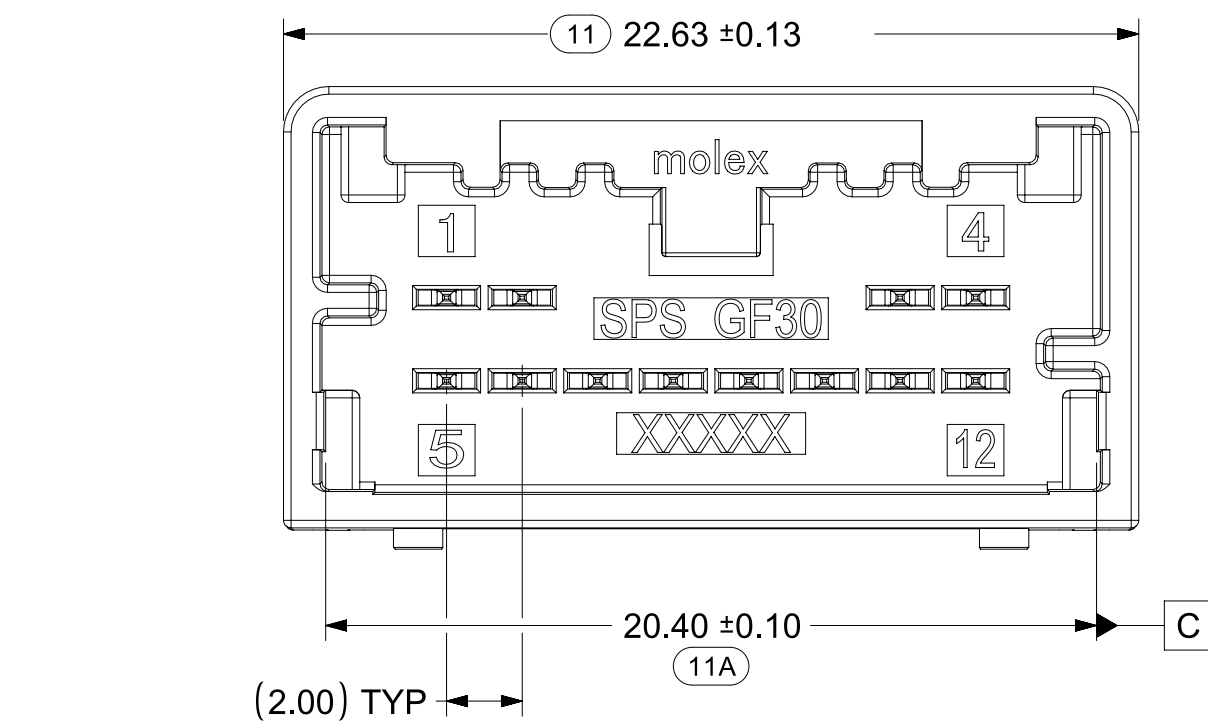
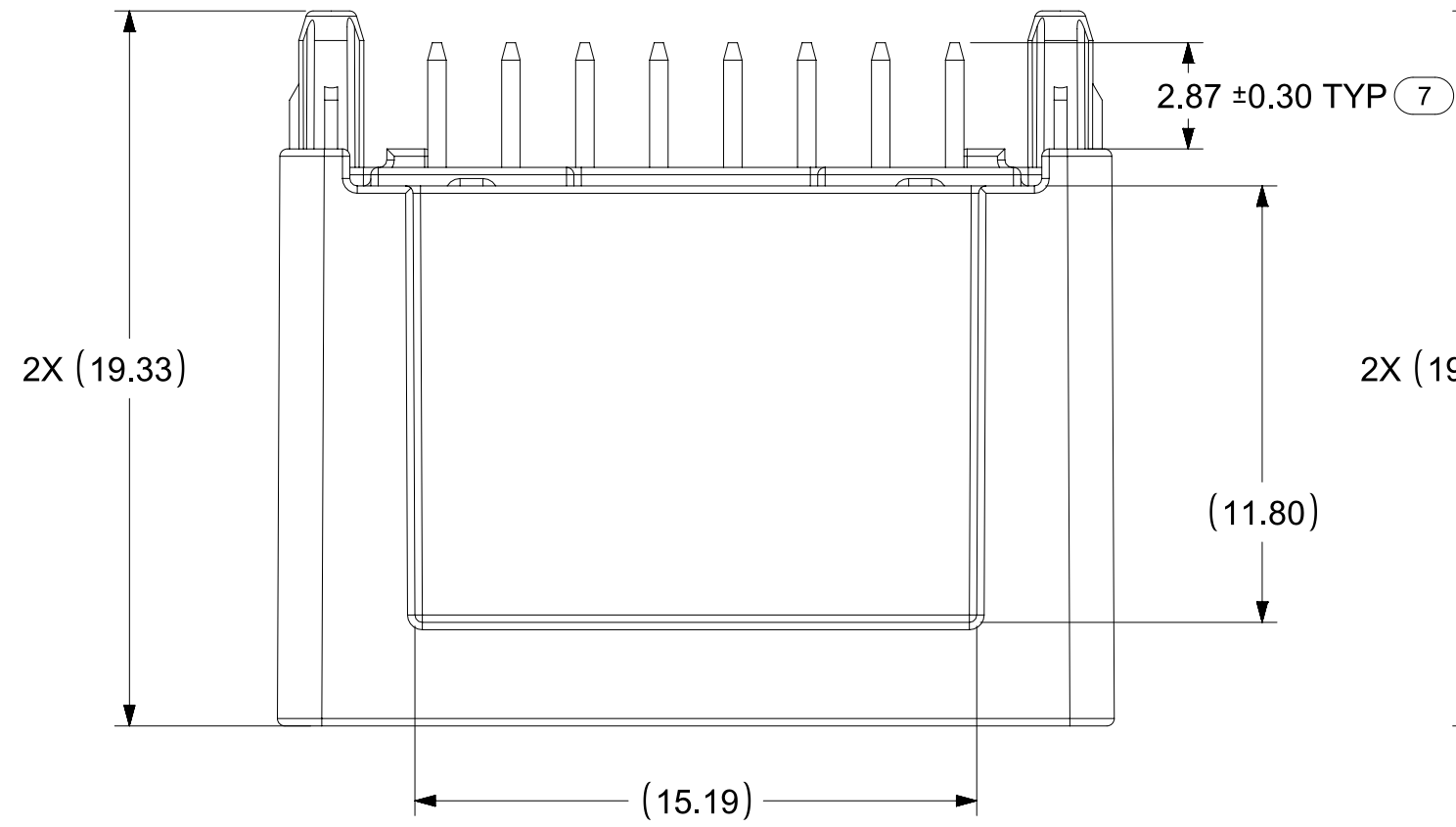


POST HOLE TABLE

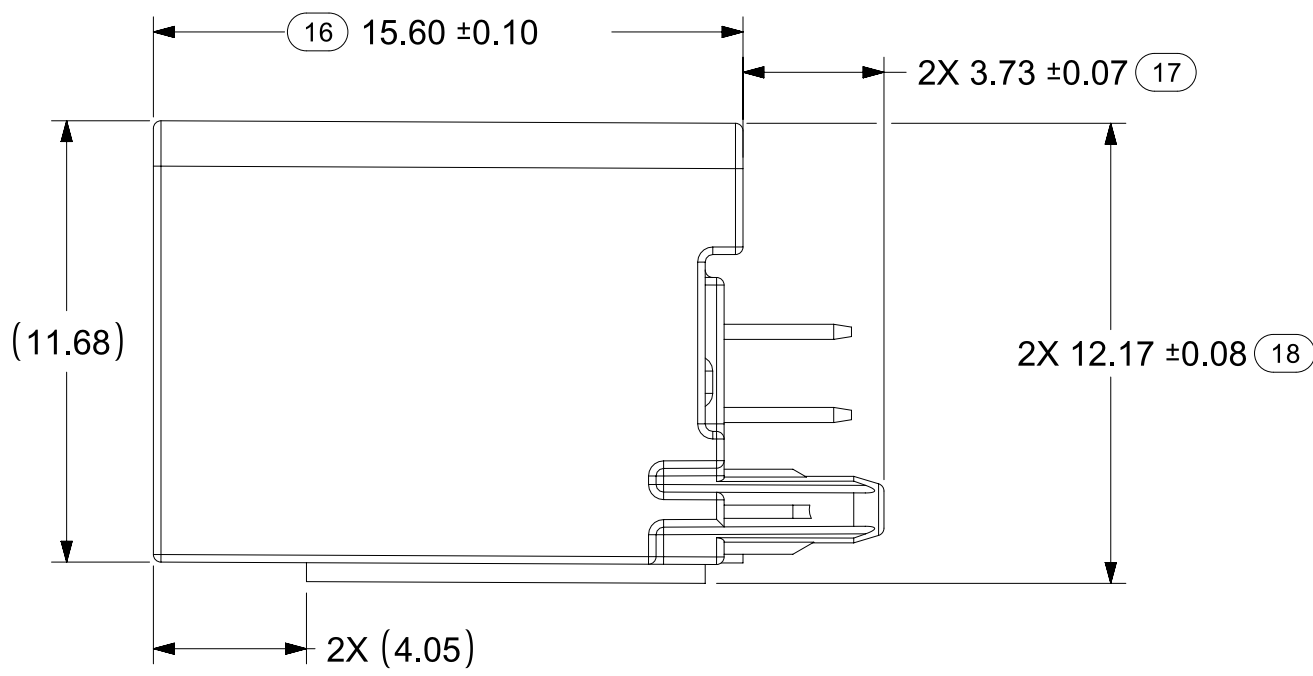
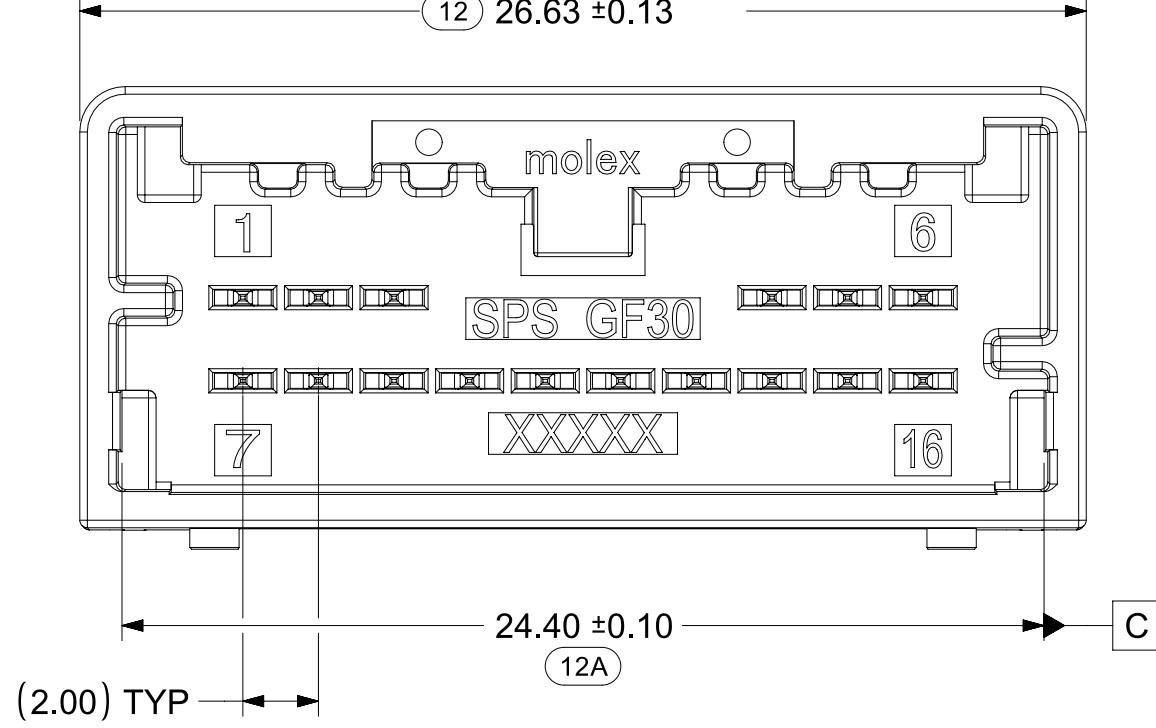
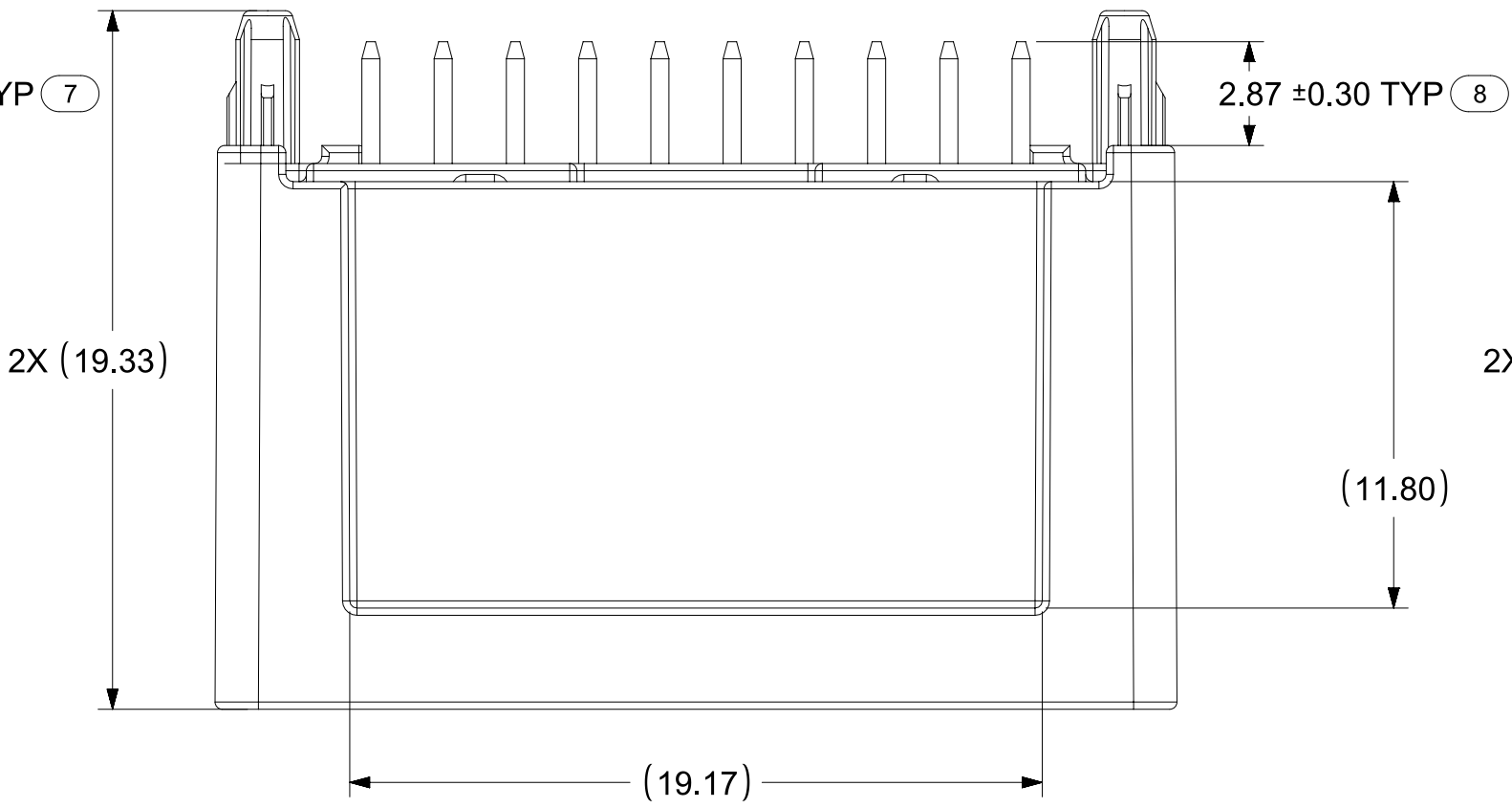
	DIH 'E'
PRESS FIT	2.15
DROP IN	2.55

INITIAL RELEASE EC NO: UAU2011-1023 DRAWN TO: 2011/02/25 CHECKED BY: 2011/02/25 APPROVED BY: 2011/05/18 REV: 1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- ANGULAR ± 3°	DIMENSION STYLE MM ONLY DRAWN BY: TCUCU DATE: 2011/02/25 CHECKED BY: TMACHUGA DATE: 2011/02/28 APPROVED BY: SHARCEAU DATE: 2011/05/18 MATERIAL NO. DOCUMENT NO.	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MINISO DUAL ROW VERTICAL ASSEMBLY SALES DRAWING MOLEX INCORPORATED SD-34825-000 SHEET NO. 2 OF 2
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
	SEE TABLE				
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	1b, Irane, E.P., AM, T Rev. F 2009/06/18				

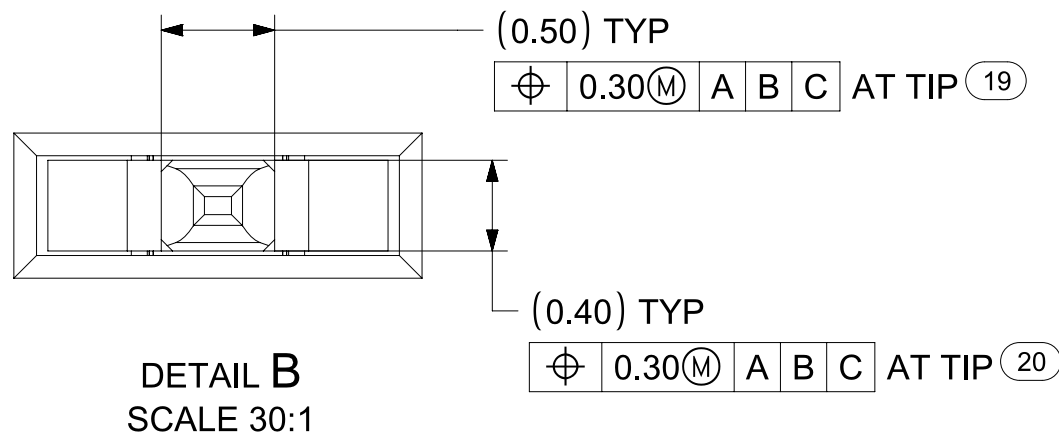
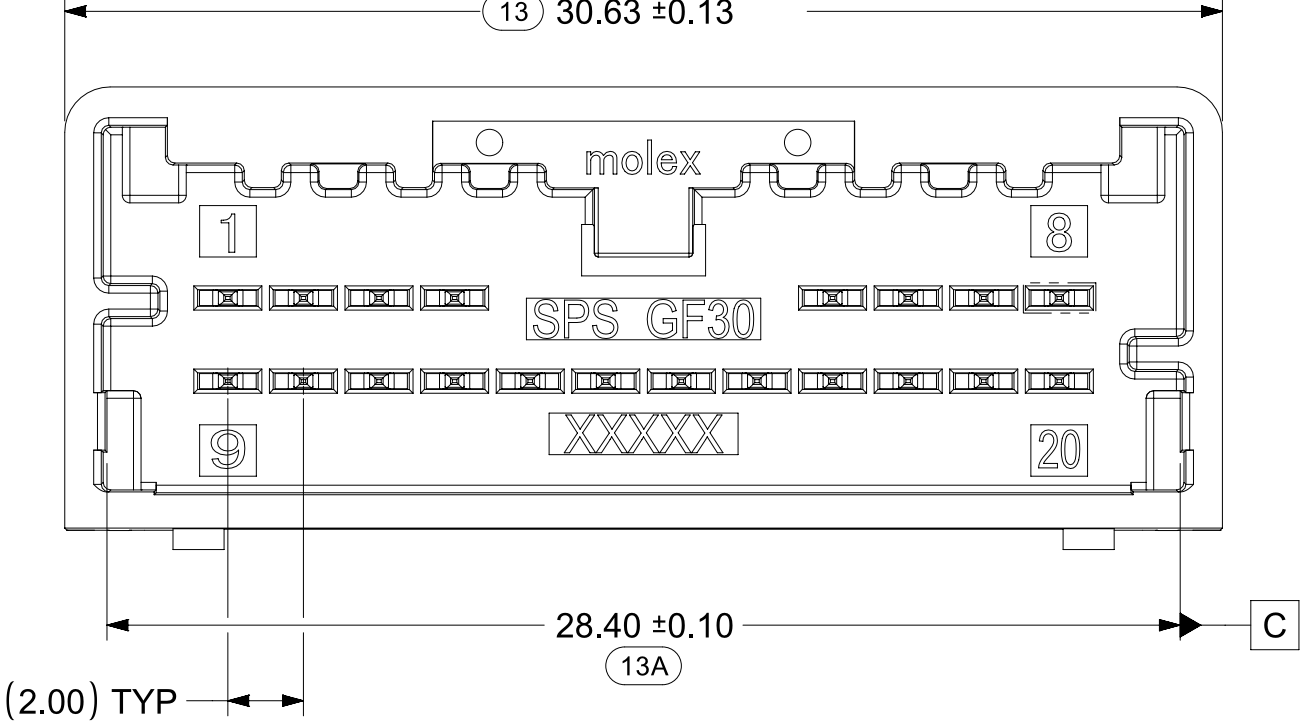
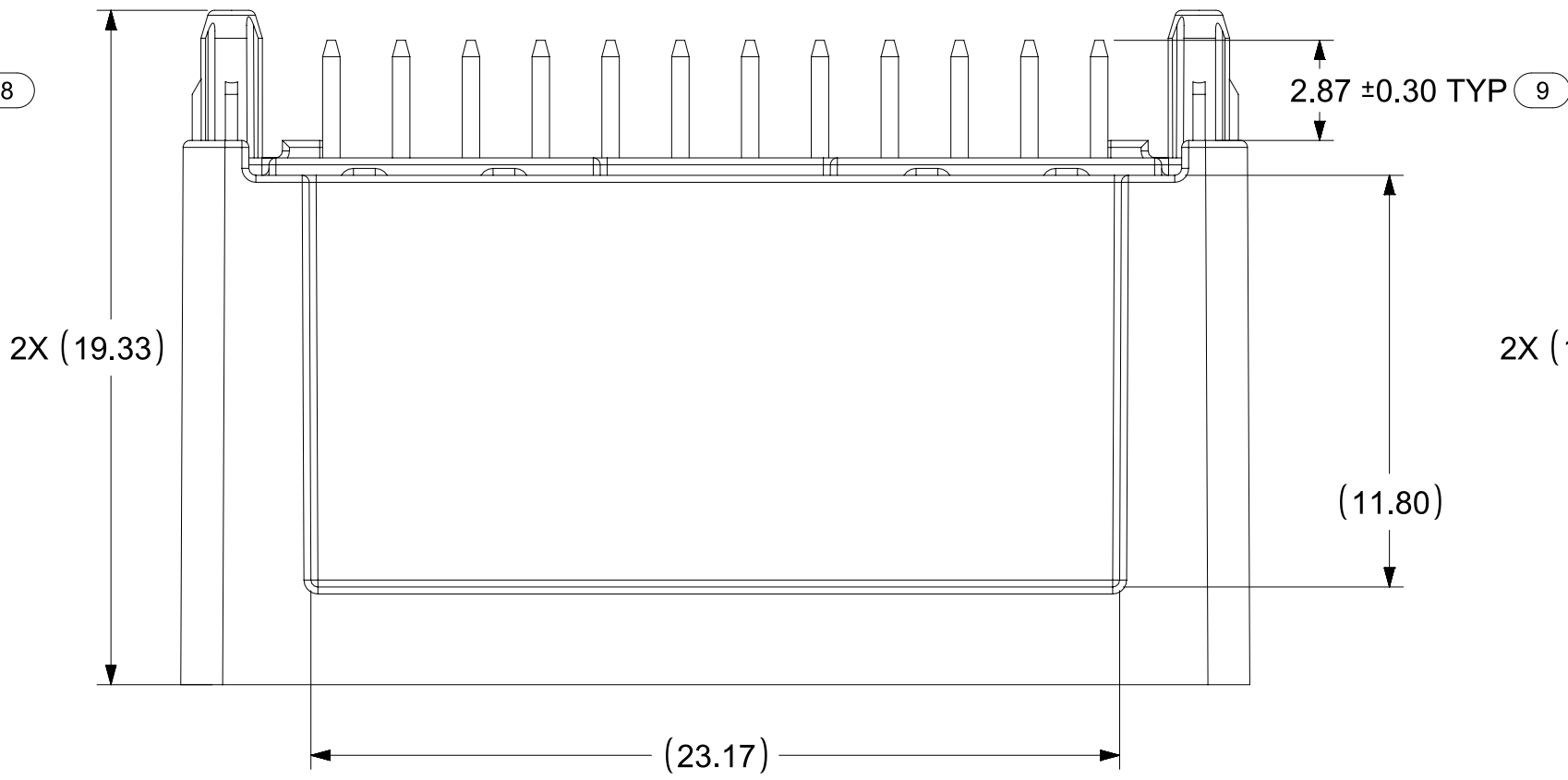
12 CIRCUIT



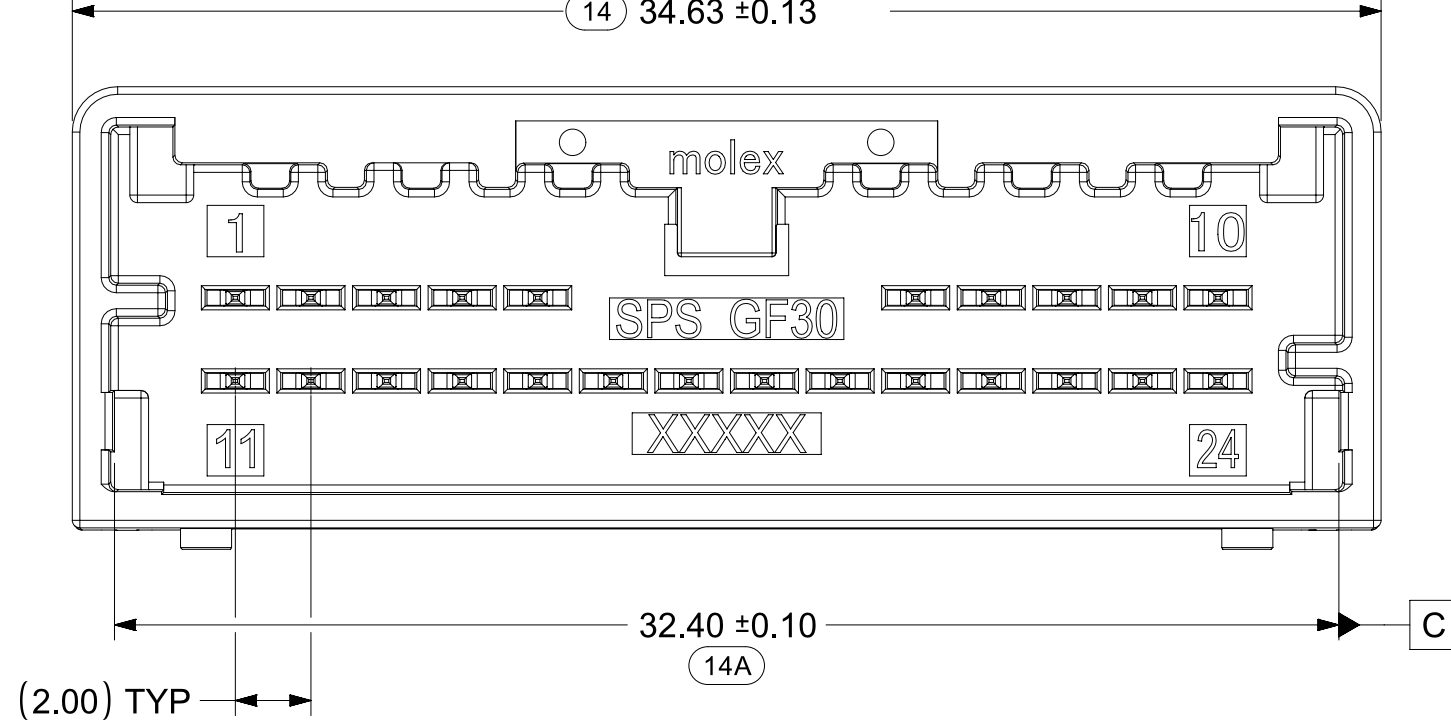
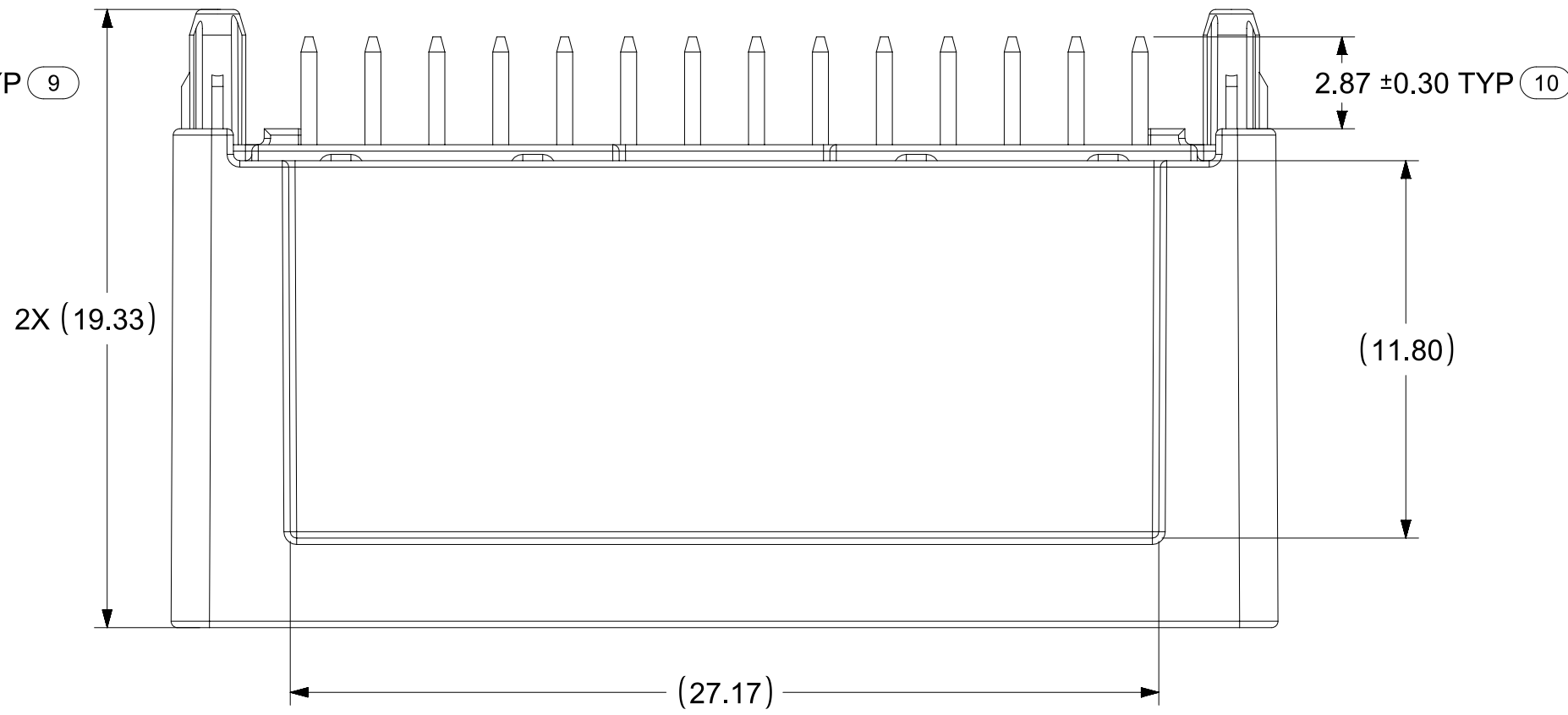
16 CIRCUIT



20 CIRCUIT



24 CIRCUIT



FUNCTIONAL SYMBOLS F/A = 0 F/C = 0 F/P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS mm	SCALE 5:1
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR TOL ± 0.5°	
	4 PLACES ±	
3 PLACES ±		
2 PLACES ±		
1 PLACE ±		
0 PLACES ±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
THIRD ANGLE PROJECTION		
D-SIZE		
SERIES 34825		

CURRENT REV DESC: REFER TO REVISION CODE	
STATUS: Design Approved	
DRWN: Gang Li	
CHK'D: Shanks Wu	
APPR: Colin Zhang	
2023-03-15	
2023-03-21	
2023-03-21	

molex			
MINI50 12-24CKT VERT HDR SALES DRAWING			
PRODUCT SALES DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-34825-001		PSD	001
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
		GENERAL MARKET	2 OF 4

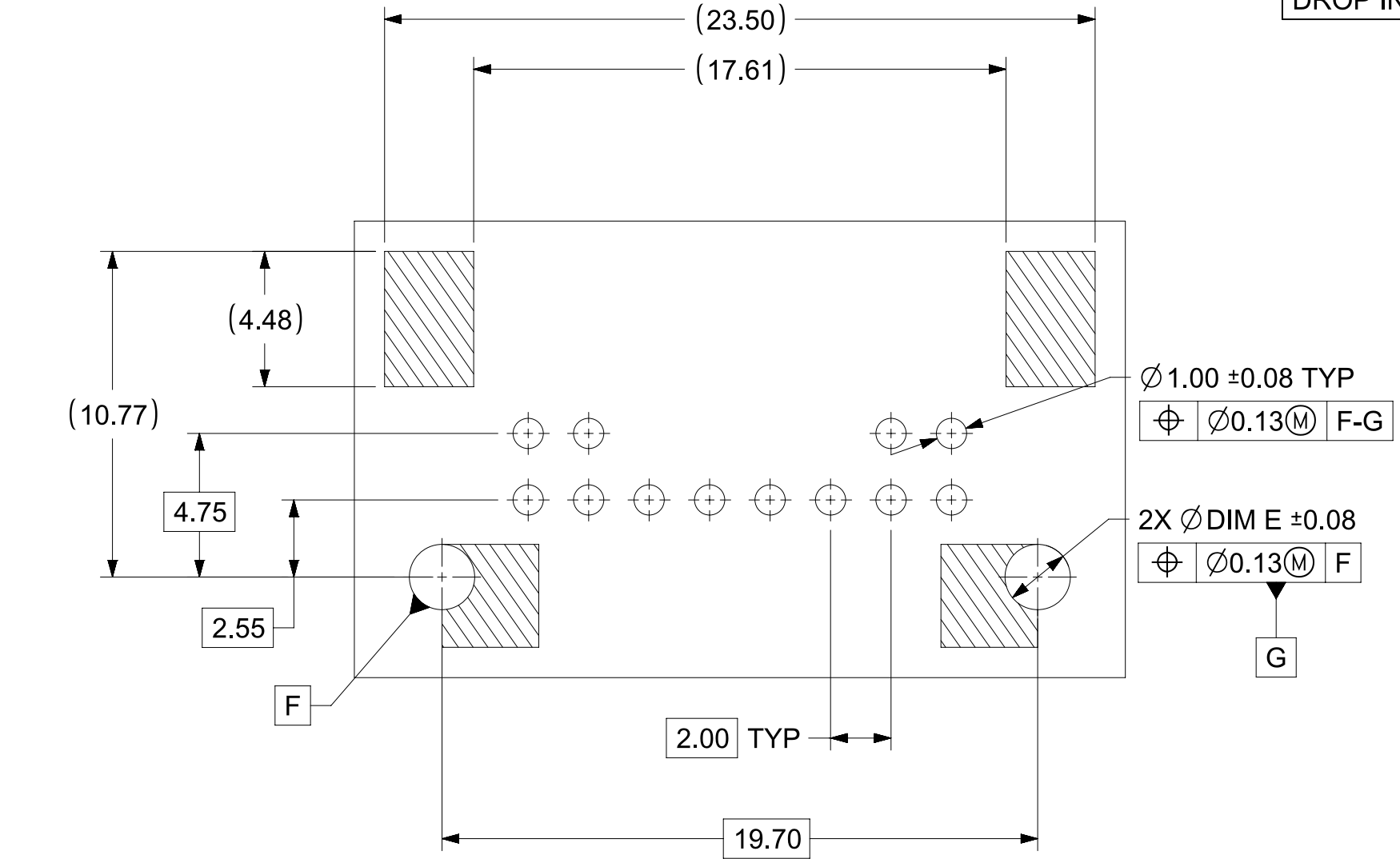
REVISION	
H6	

PCB LAYOUT
BOARD SHOWN FOR REFERENCE ONLY

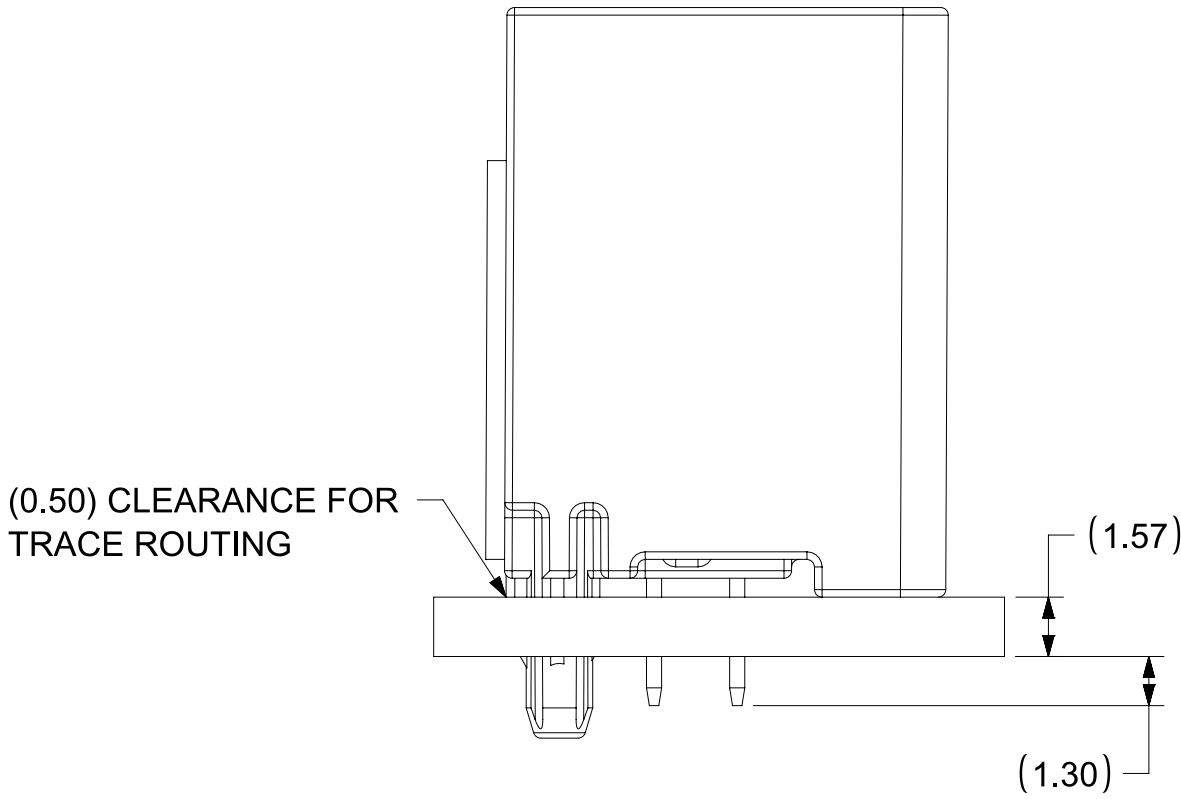
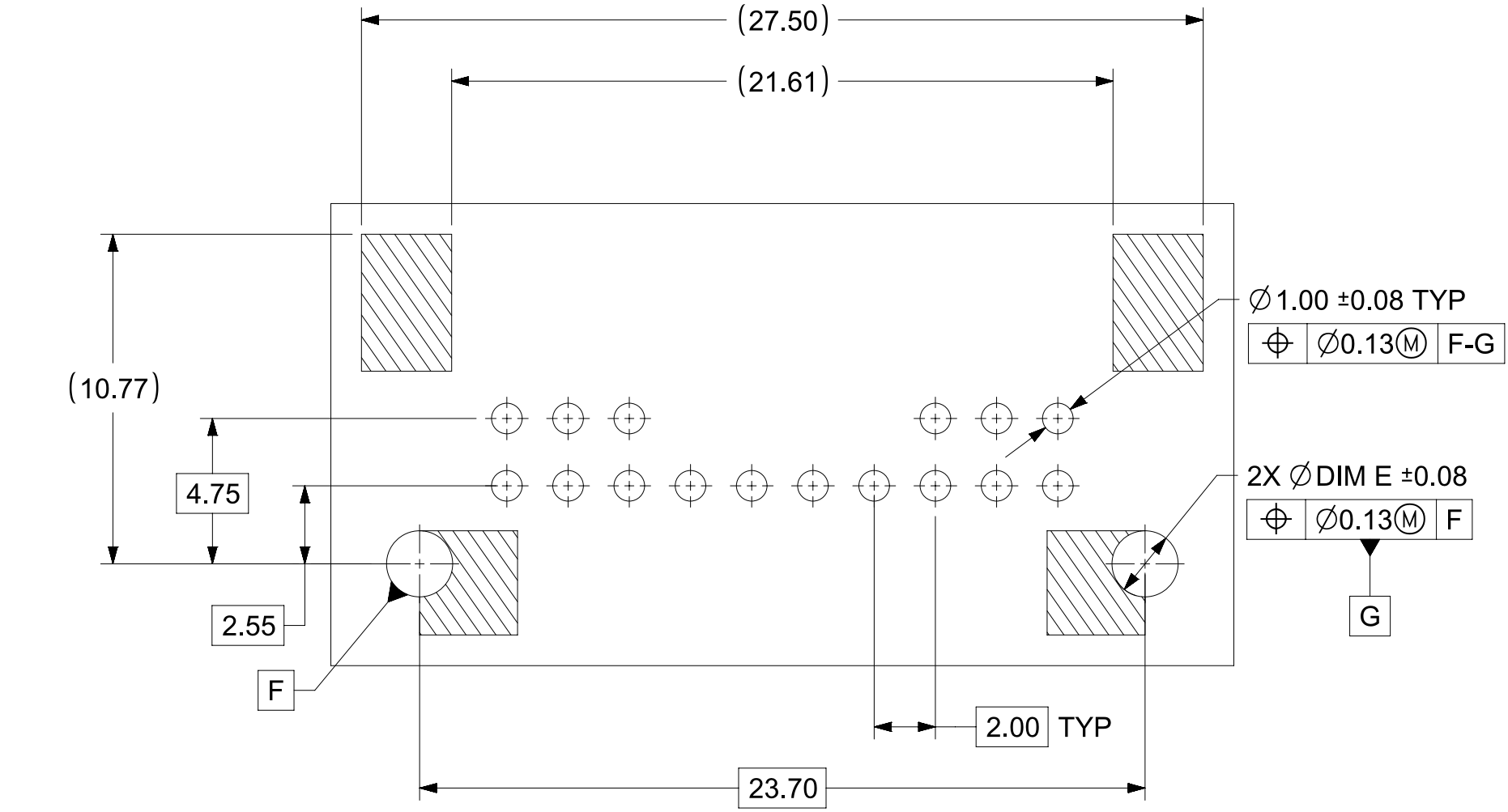
POST HOLE TABLE

	DIM E
PRESS FIT	2.15
DROP IN	2.55

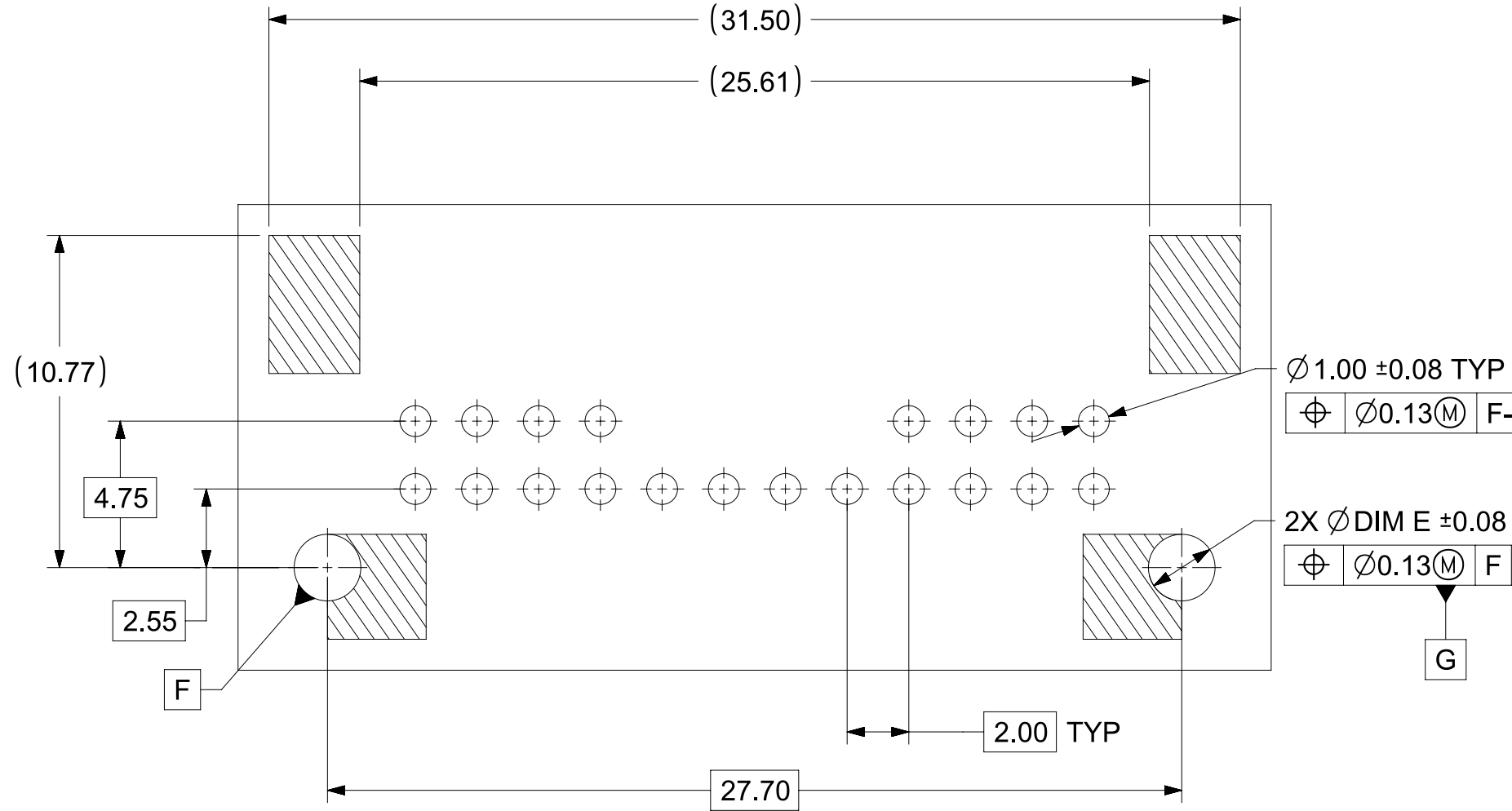
12 CIRCUIT



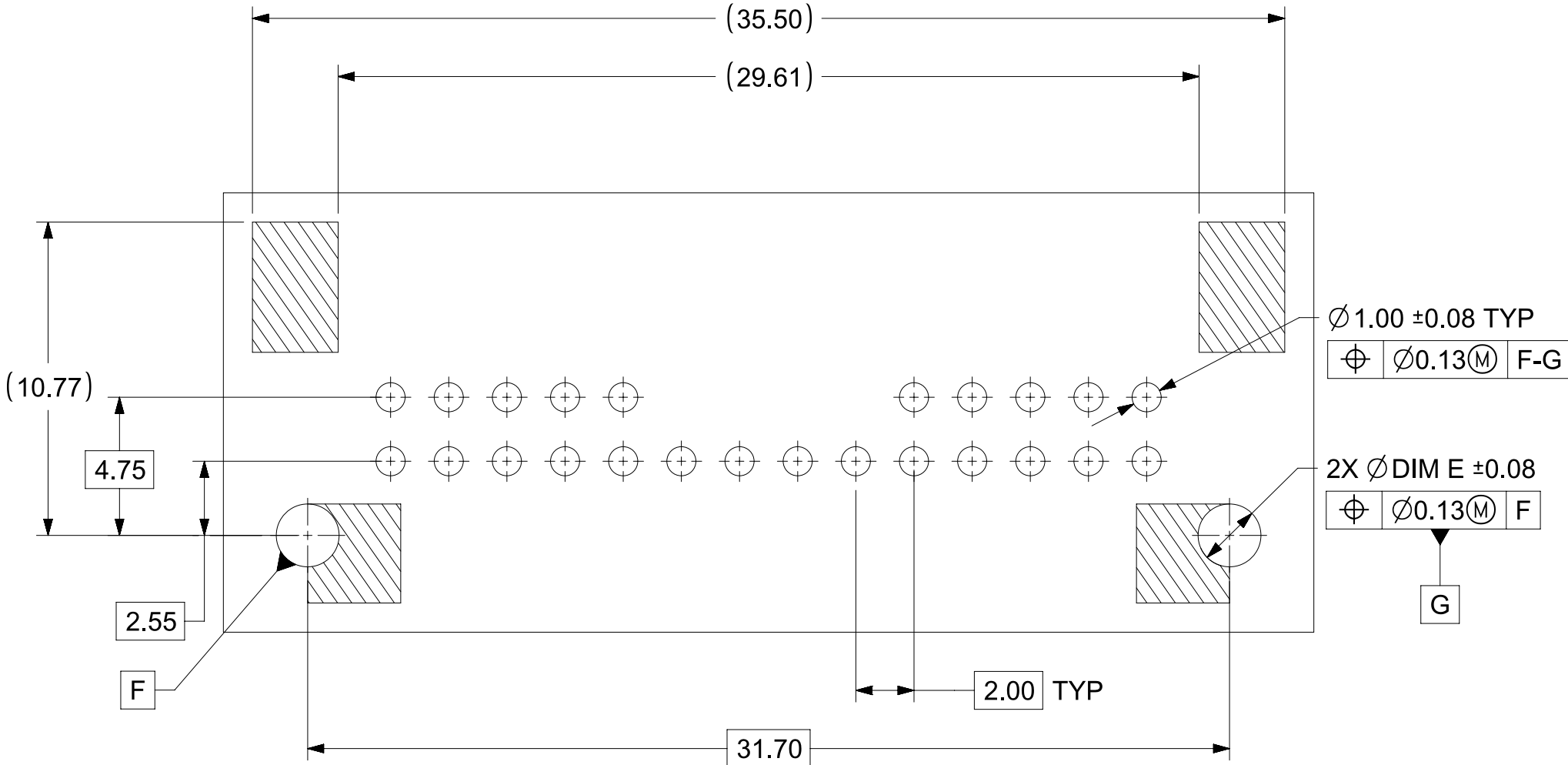
16 CIRCUIT



20 CIRCUIT



24 CIRCUIT



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: REFER TO REVISION CODE									
A = 0		mm		5:1		molex MINI50 12-24CKT VERT HDR SALES DRAWING PRODUCT SALES DRAWING DOCUMENT NUMBER SD-34825-001 DOC TYPE PSD DOC PART 001 REVISION H6									
E = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)													
P = 0		ANGULAR TOL ± 0.5°													
DIVISIONAL SYMBOLS		4 PLACES		±											
		3 PLACES		±											
		2 PLACES		±											
		1 PLACE		±											
		0 PLACES		±											
STATUS: Design Approved						2023-03-15									
DRWN: Gang Li						2023-03-21									
CHK'D: Shanks Wu						2023-03-21									
APPR: Colin Zhang															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		34825				GENERAL MARKET		3 OF 4	

CIRCUIT	POL	COLOR	MATERIAL NUMBER TAPE AND REEL PACKAGING PK-47799-0001	MATERIAL NUMBER TUBE PACKAGING PK-31301-688	MATERIAL NUMBER TRAY PACKAGING PK-31301-440	BLADE PLATING	FLAMMABILITY	VOIDED CIRCUITS
12	A	BLACK	34825-8124	34825-9124	34825-0124	TIN	HB	N/A
	B	GRAY	34825-8125	34825-9125	34825-0125	TIN		
	C	DARK GRAY	34825-8126	34825-9126	34825-0126	TIN		
16	A	BLACK	34825-8160	34825-9160	34825-0160	TIN	HB	N/A
	B	GRAY	34825-8161	34825-9161	34825-0161	TIN		
	C	DARK GRAY	34825-8162	34825-9162	34825-0162	TIN		
20	A	BLACK	34825-8200	34825-9200	34825-0200	TIN	HB	N/A
	A	BLACK	34825-8207	N/A	N/A	TIN		1, 2, 4, 5, 7, 8, 10-12, 14, 15, 17-19
	B	GRAY	34825-8201	34825-9201	34825-0201	TIN		N/A
	C	DARK GRAY	34825-8202	34825-9202	34825-0202	TIN		N/A
24	A	BLACK	34825-8240	34825-9240	34825-0240	TIN	HB	N/A
	A	BLACK	N/A	N/A	34825-0244	TIN		2, 3, 4, 7, 8, 9, 12, 13, 14, 16, 19, 21, 22, 23
	A	BLACK	34825-8247	34825-9247	34825-0247	TIN		1, 2, 3, 4, 7, 8, 9, 12, 13, 14, 21, 22, 23, 24
	B	GRAY	34825-8241	34825-9241	34825-0241	TIN		N/A
	B	GRAY	N/A	N/A	34825-0245	TIN		2, 3, 4, 7, 8, 9, 12, 13, 14, 16,19, 21, 22, 23
	C	DARK GRAY	34825-8242	34825-9242	34825-0242	TIN		N/A
12	A	BLACK	215425-8124	215425-9124	215425-0124	TIN	V0	N/A
	B	GRAY	215425-8125	215425-9125	215425-0125	TIN		
	C	DARK GRAY	215425-8126	215425-9126	215425-0126	TIN		
16	A	BLACK	215425-8160	215425-9160	215425-0160	TIN	V0	N/A
	B	GRAY	215425-8161	215425-9161	215425-0161	TIN		
	C	DARK GRAY	215425-8162	215425-9162	215425-0162	TIN		
20	A	BLACK	215425-8200	215425-9200	215425-0200	TIN	V0	N/A
	B	GRAY	215425-8201	215425-9201	215425-0201	TIN		
	C	DARK GRAY	215425-8202	215425-9202	215425-0202	TIN		
24	A	BLACK	215425-8240	215425-9240	215425-0240	TIN	V0	N/A
	B	GRAY	215425-8241	215425-9241	215425-0241	TIN		
	C	DARK GRAY	215425-8242	215425-9242	215425-0242	TIN		

												MUST REMAIN WITHIN DIMENSIONS			D-SIZE	34825		GENERAL MARKET	4 OF 4
19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	

8	7	6	5	4	3	2	1
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