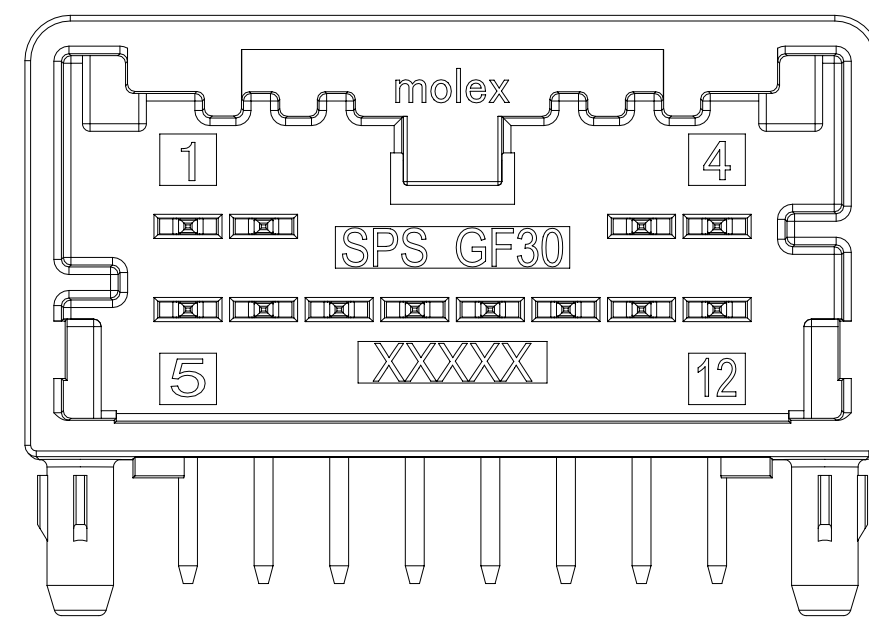
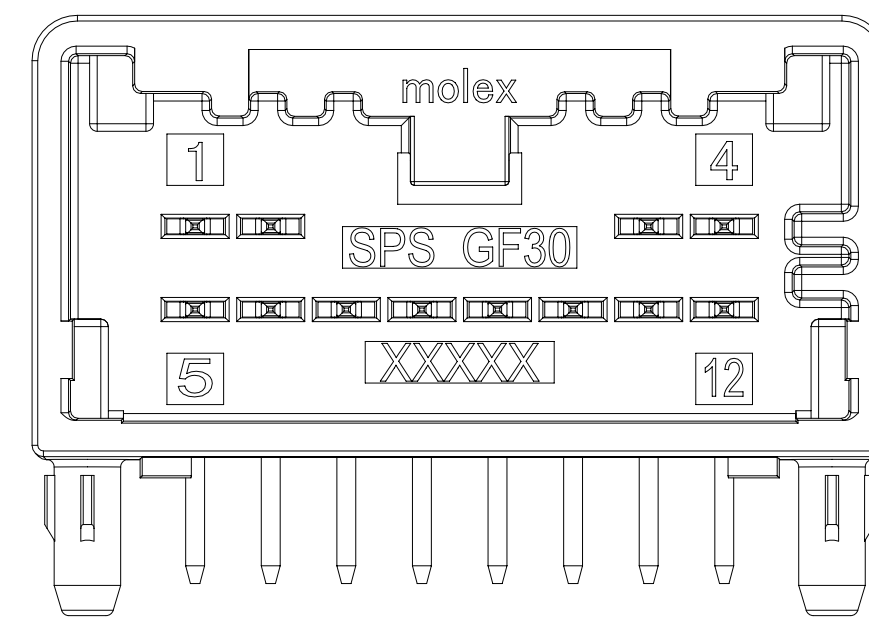


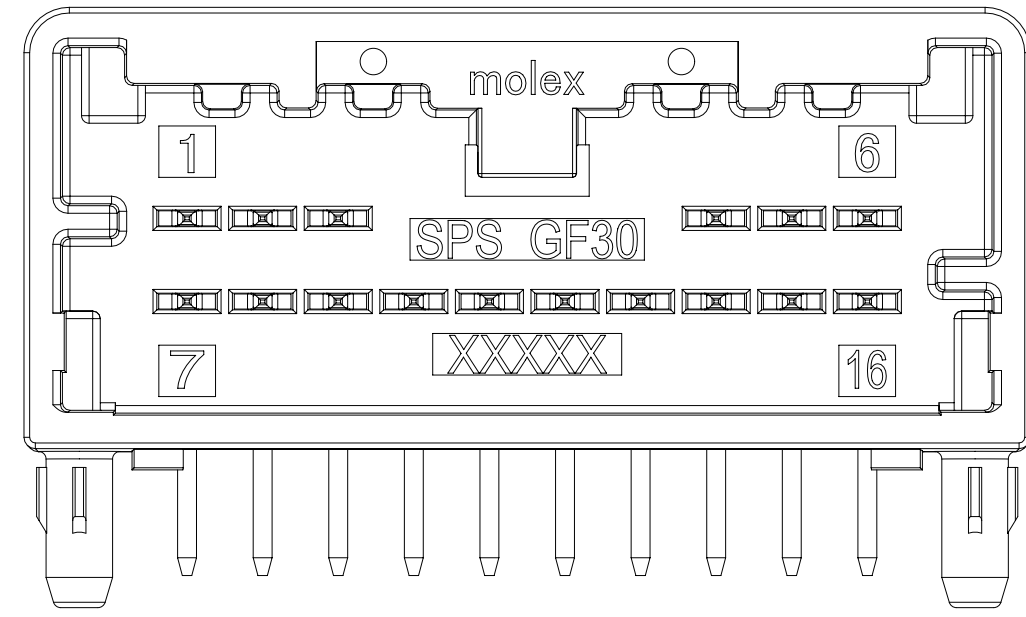
12CKT POLARIZATION A



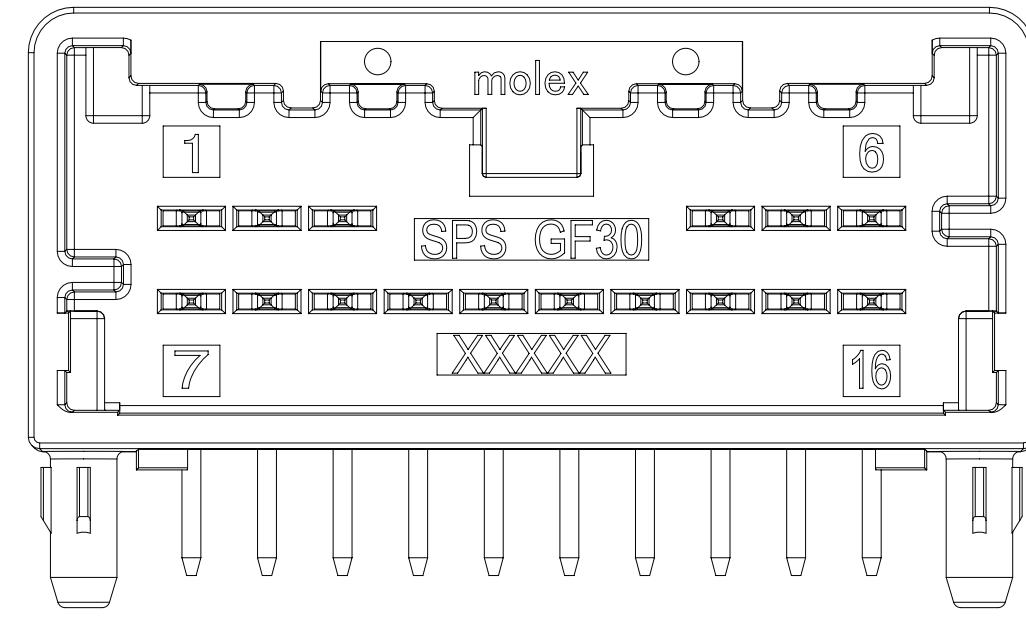
12CKT POLARIZATION B



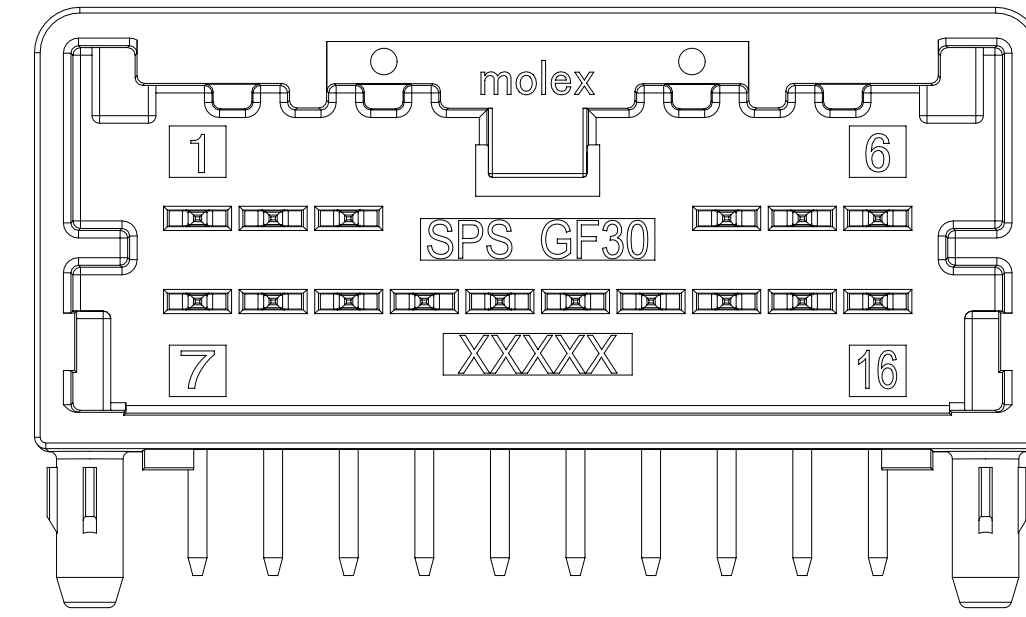
12CKT POLARIZATION C



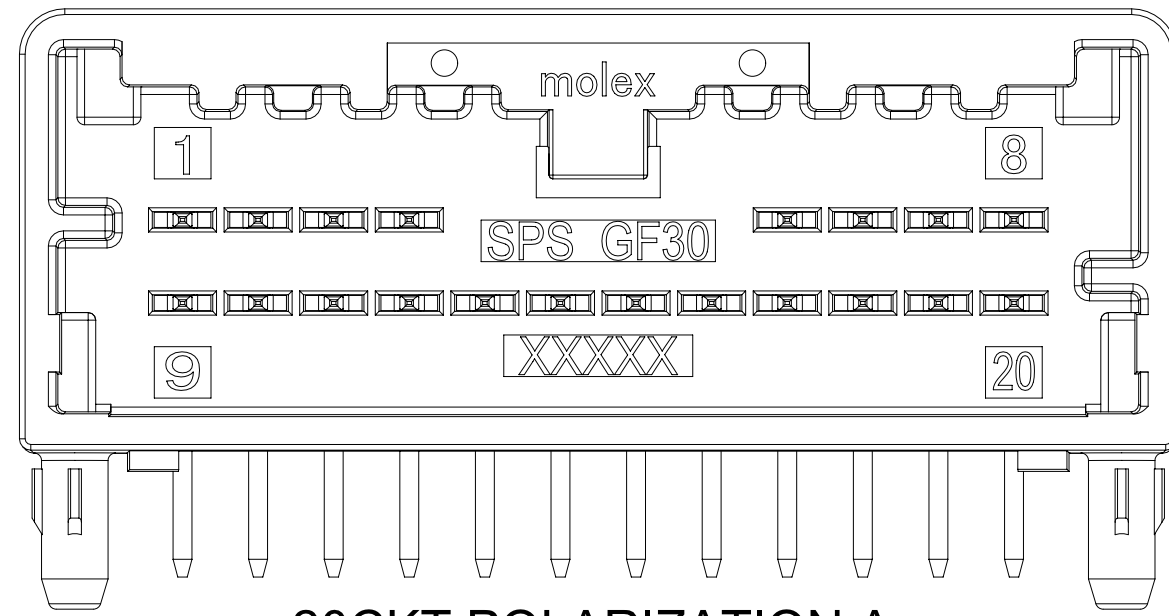
16CKT POLARIZATION A



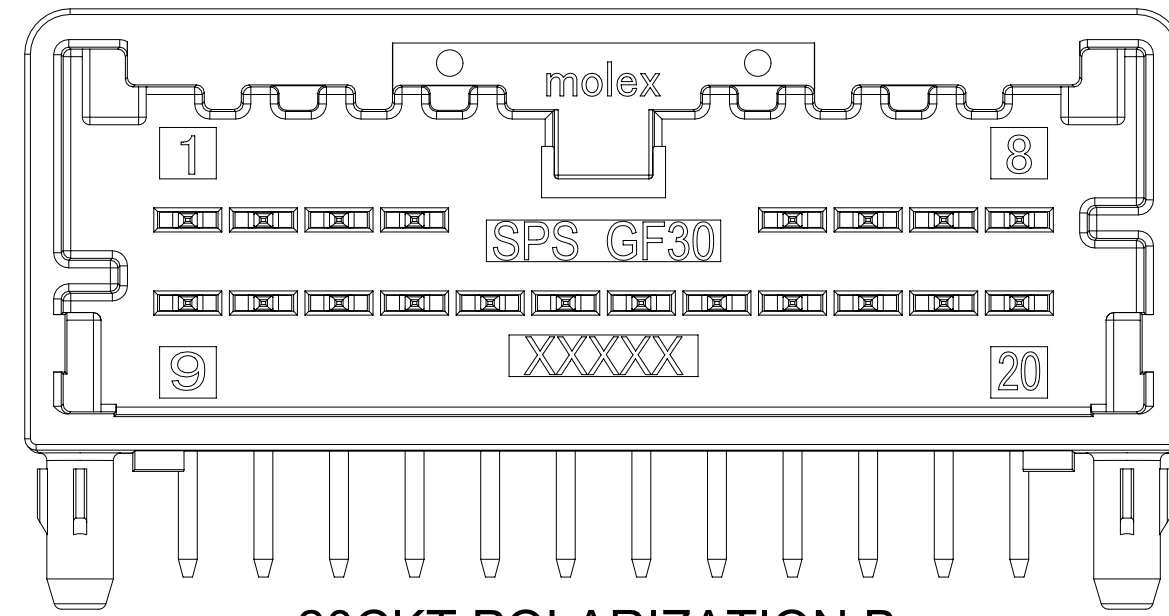
16CKT POLARIZATION B



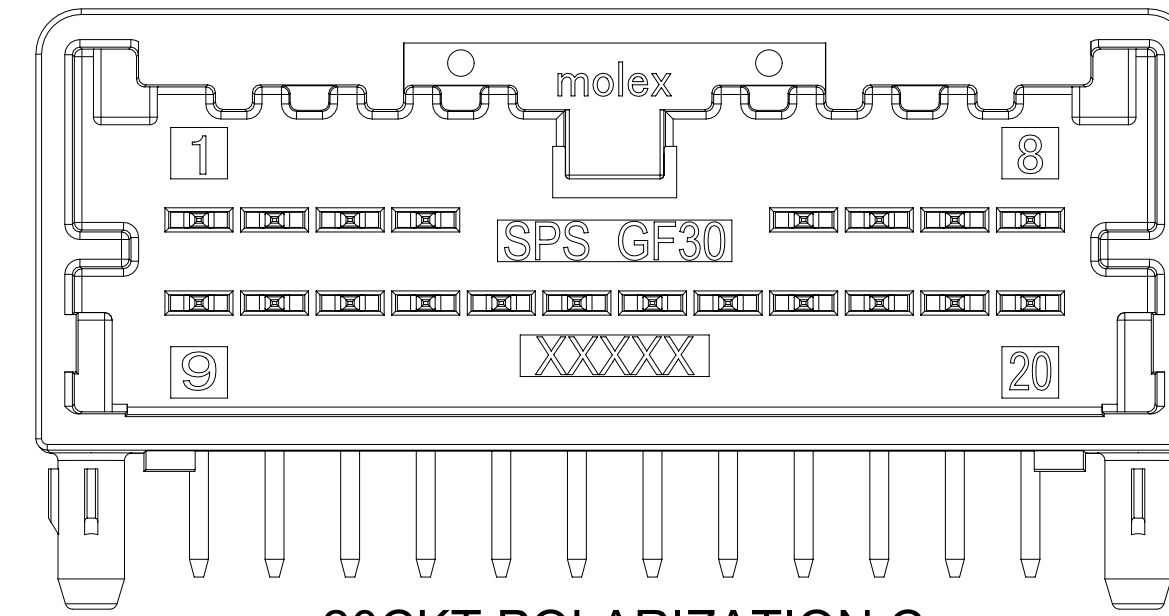
16CKT POLARIZATION C



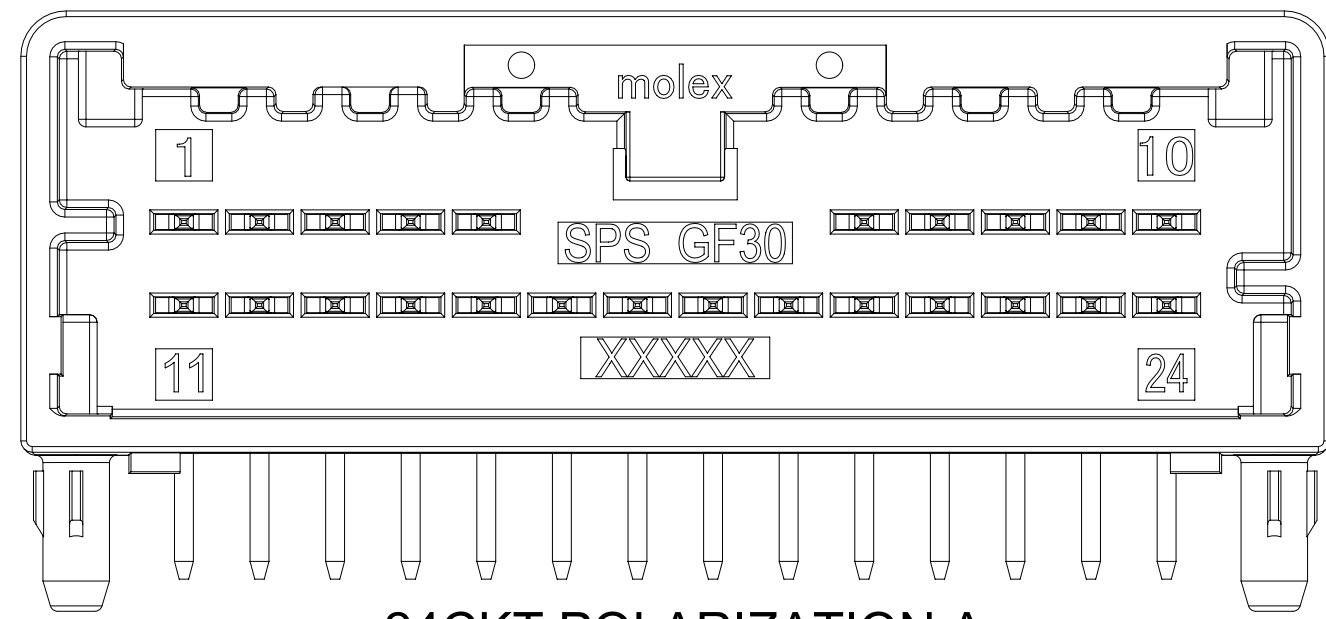
20CKT POLARIZATION A



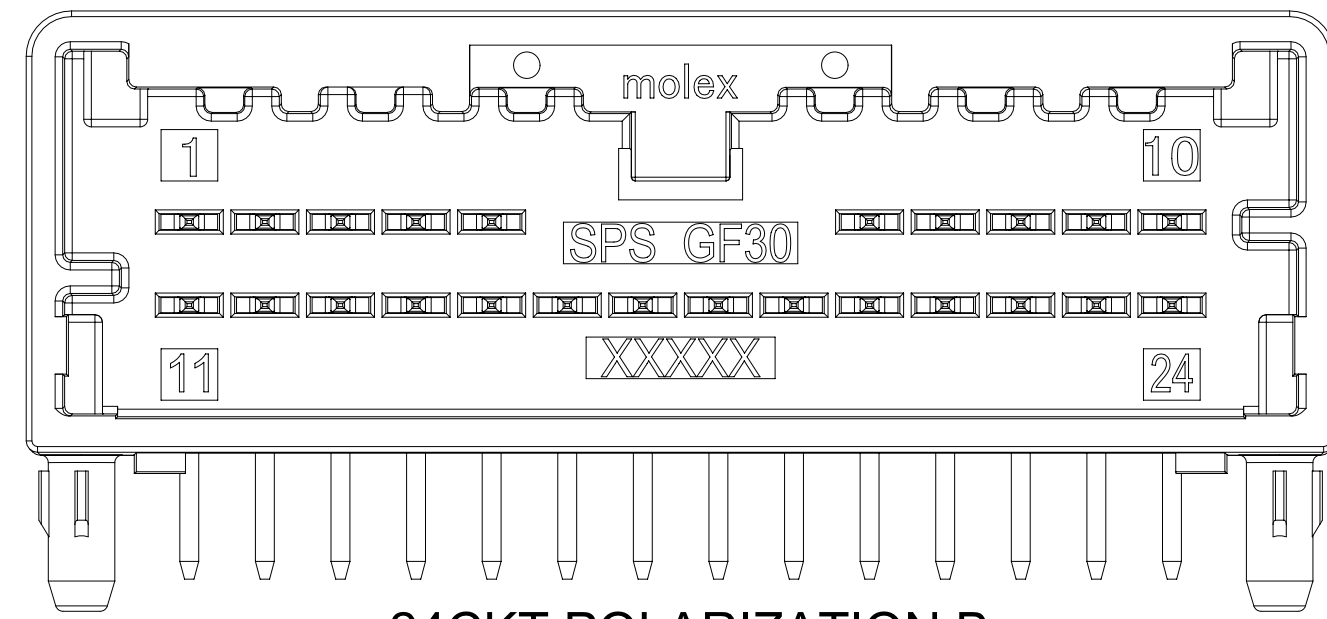
20CKT POLARIZATION B



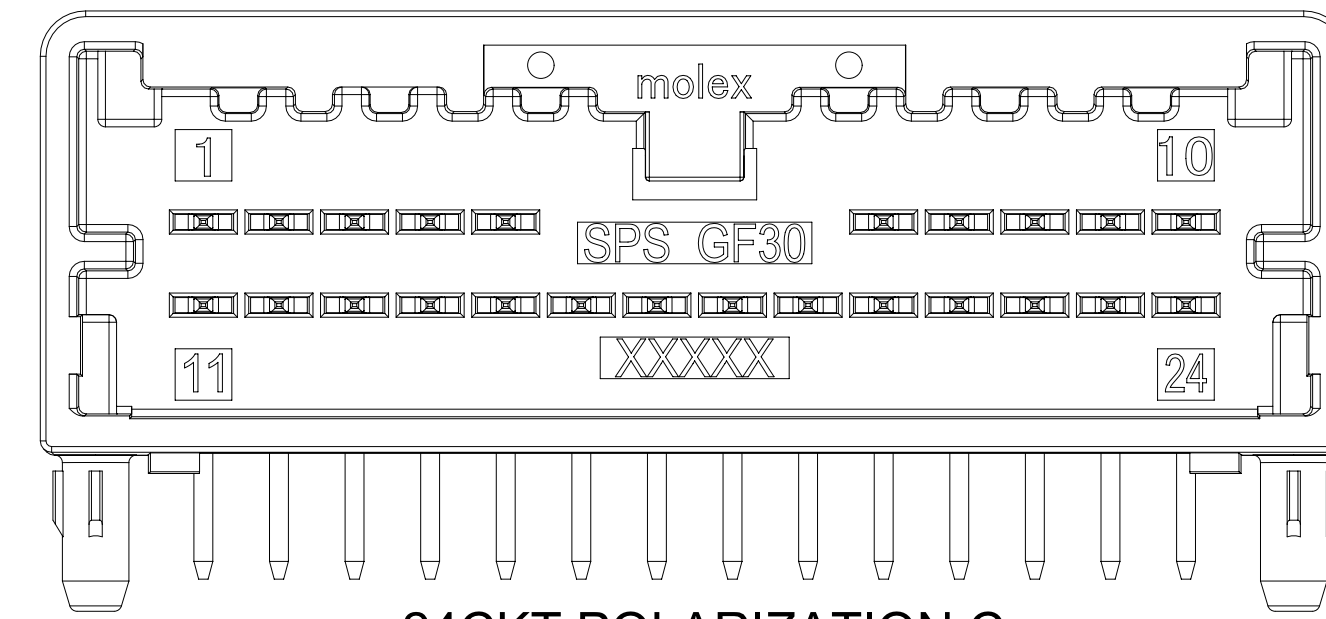
20CKT POLARIZATION C



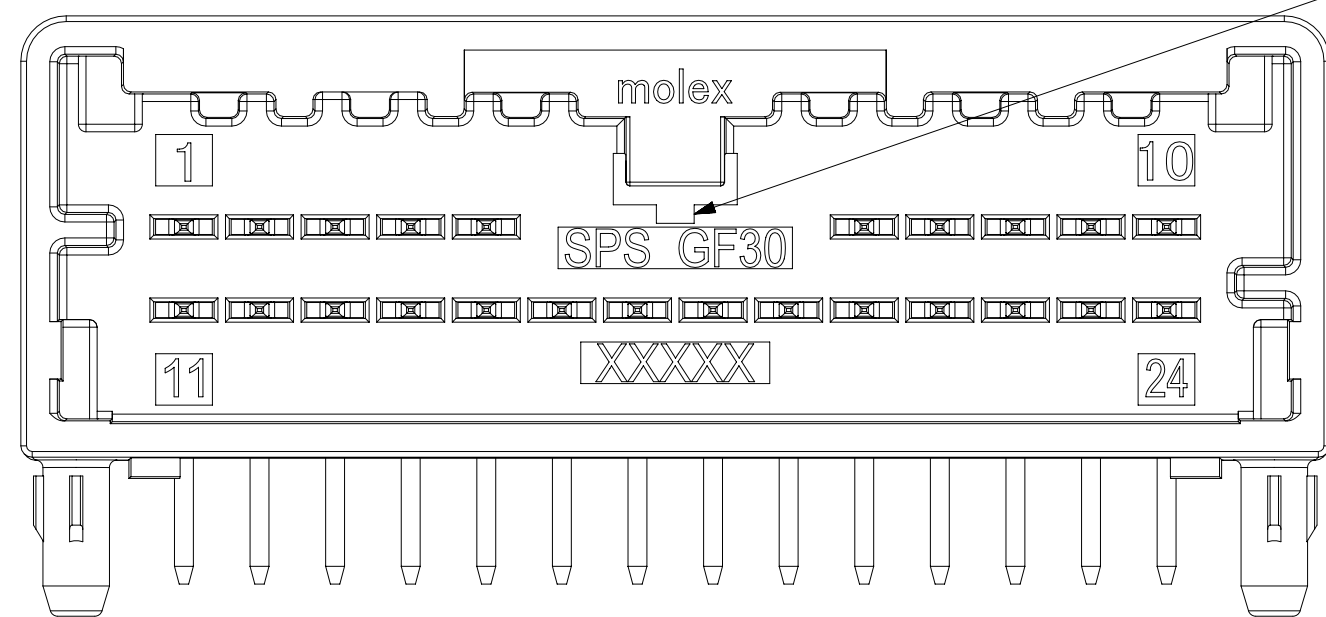
24CKT POLARIZATION A



24CKT POLARIZATION B



24CKT POLARIZATION C



V0 IDENTIFIER
APPLIES FOR 12-24CKT

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-34791-020
 - b. PRODUCT SPECIFICATION SEE: PS-34791-020
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: SEE CHART
 - d. SOLDERABILITY PER SMES-152
 - e. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
 - f. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - g. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
 - h. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

2. DESIGN - MATERIALS:
 - a. SHROUD (PLASTIC HOUSING): SPS 30% GF, 20% REGRIND MAX PER WEIGHT
 - b. BLADES:
 - BASE METAL: C260 BRASS
 - PLATING REQUIREMENTS:
 - TIN OVER NICKEL:
 - UNDERPLATING:
 - OVERALL NICKEL
 - OVERPLATING:
 - OVERALL TIN

3. DESIGN - GEOMETRY:
 - a. 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.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 2009
 - c. GENERAL TOLERANCES: SEE TITLE BLOCK
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOWN AS SHARP TO BE R 0.1 MAX
 - f. LETTERING SHALL BE 0.10 MAX RAISED. THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, VENDOR ID, AND CIRCUIT ID.
 - g. COMPATIBLE WITH USCAR INTERFACE EXCEPT PIN TIP
 - 12 WAY: 050-U-012-2-ZXX
 - 16 WAY: 050-U-016-2-ZXX
 - 20 WAY: 050-U-020-2-ZXX
 - 24 WAY: 050-U-024-2-ZXX

H7	PAGE 4: UPDATED P/N 34826-0207/34826-8207/34826-9207 VOIDED CIRCUITS NUMBER
H6	PAGE 1: UPDATED NOTE 3.g DESCRIPTION PAGE 4: ADD NEW P/N 34826-0207/34826-8207/34826-9207 AND ADDED NEW COLUMNS TO SHOW VOIDED CIRCUITS FOR 20CKT
H5	PAGE 4: BOM STATUS REMOVED - ALL PARTS ARE AVAILABLE ADDED MATING COMPONENT SD INFO
H4	VIEWS UPDATED, NO DIM OR GEOMETRY CHANGES
H3	PAGE 1: ADDED V0 VIEW PAGE 4: REMOVED PBT MATING COMPONENT PNs FROM BOM PAGE 5: REMOVED
H2	PAGE 2: ADDED DIMS 8A, 10A, 12A, 14A, 19A PAGE 4 & 5: ADDED V0 P/N
H1	PAGE 1: ADDED NOTE 3g
H	DRAWING REMASTED PAGE 2: CORRECTED DUPLICATE DIM 19 UPDATED DIM NUMBERING 19 & 20 TO 20 & 21 PAGE 4: ADDED 12CKT GREEN POL A TO P/N TABLE
G5	UPDATED VIEWS TO MATCH CURRENT PRODUCTION. DIMS AND GEOMETRY DID NOT CHANGE
REV	DESCRIPTION

INSPECTION BALLON NUMBER LOG

PER DRAWING REVISION: H6

LAST BALLOON USED: 21

ADDED BALLOON NUMBERS:

REMOVED BALLOON NUMBERS:

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
FA = 0	DIMENSION UNITS: mm	SCALE: 5:1
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
FP = 0	ANGULAR TOL: ± 3°	
	4 PLACES: ±	
	3 PLACES: ±	
	2 PLACES: ± 0.100	
	1 PLACE: ± 0.20	
	0 PLACES: ±	
DIVISIONAL SYMBOLS	THIRD ANGLE PROJECTION	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

STATUS: Production
DRWN: Gang Li
CHK'D: Shanks Wu
APPR: Colin Zhang

2023-09-20
2023-09-20
2023-09-25

DRAWING: D-SIZE
SERIES: 34826

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MINI50 12-24CKT R/A SALES DRAWING

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34826-001	PSD	001	H7

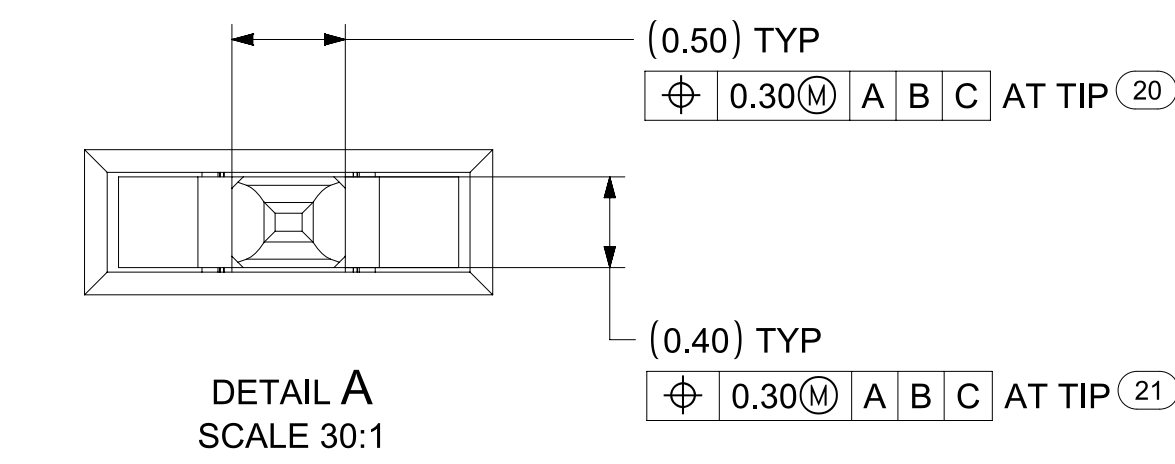
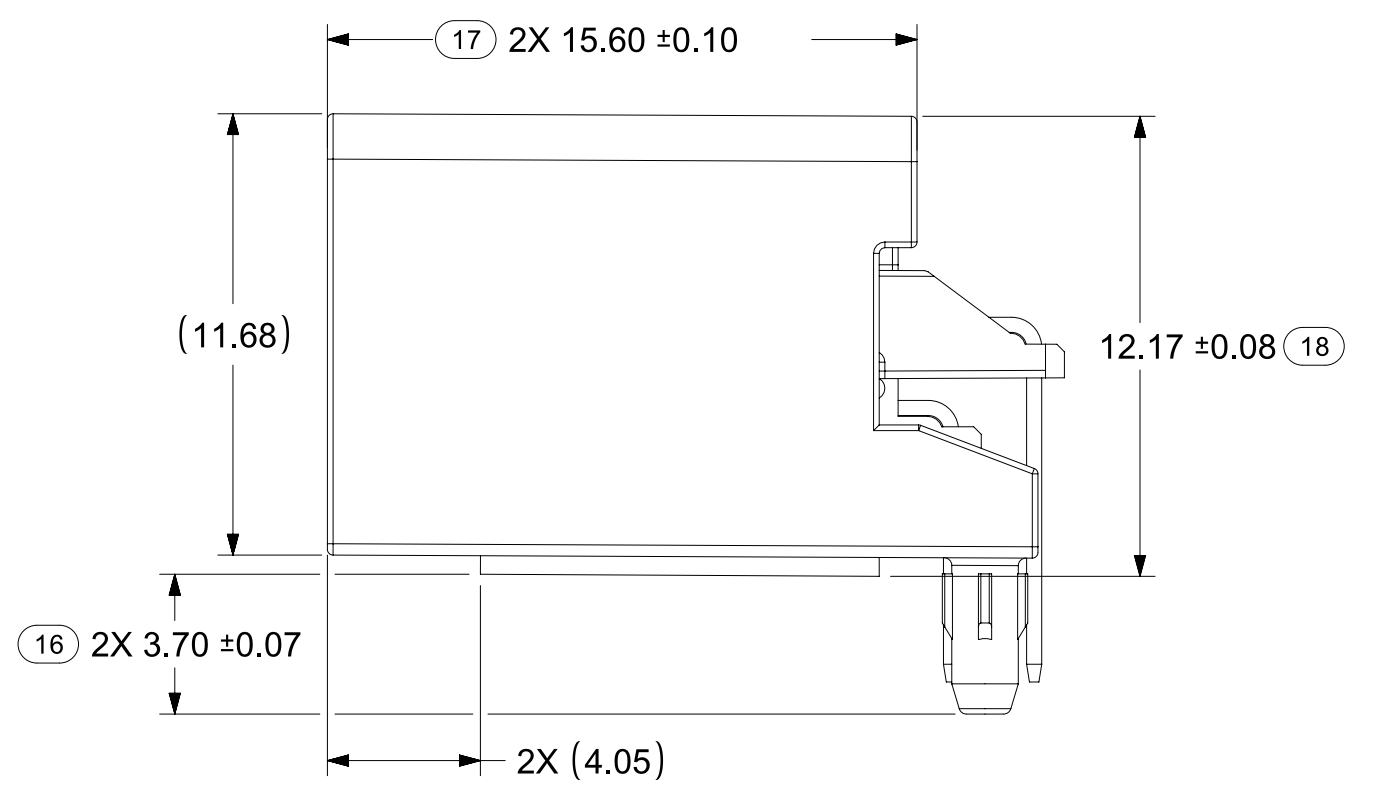
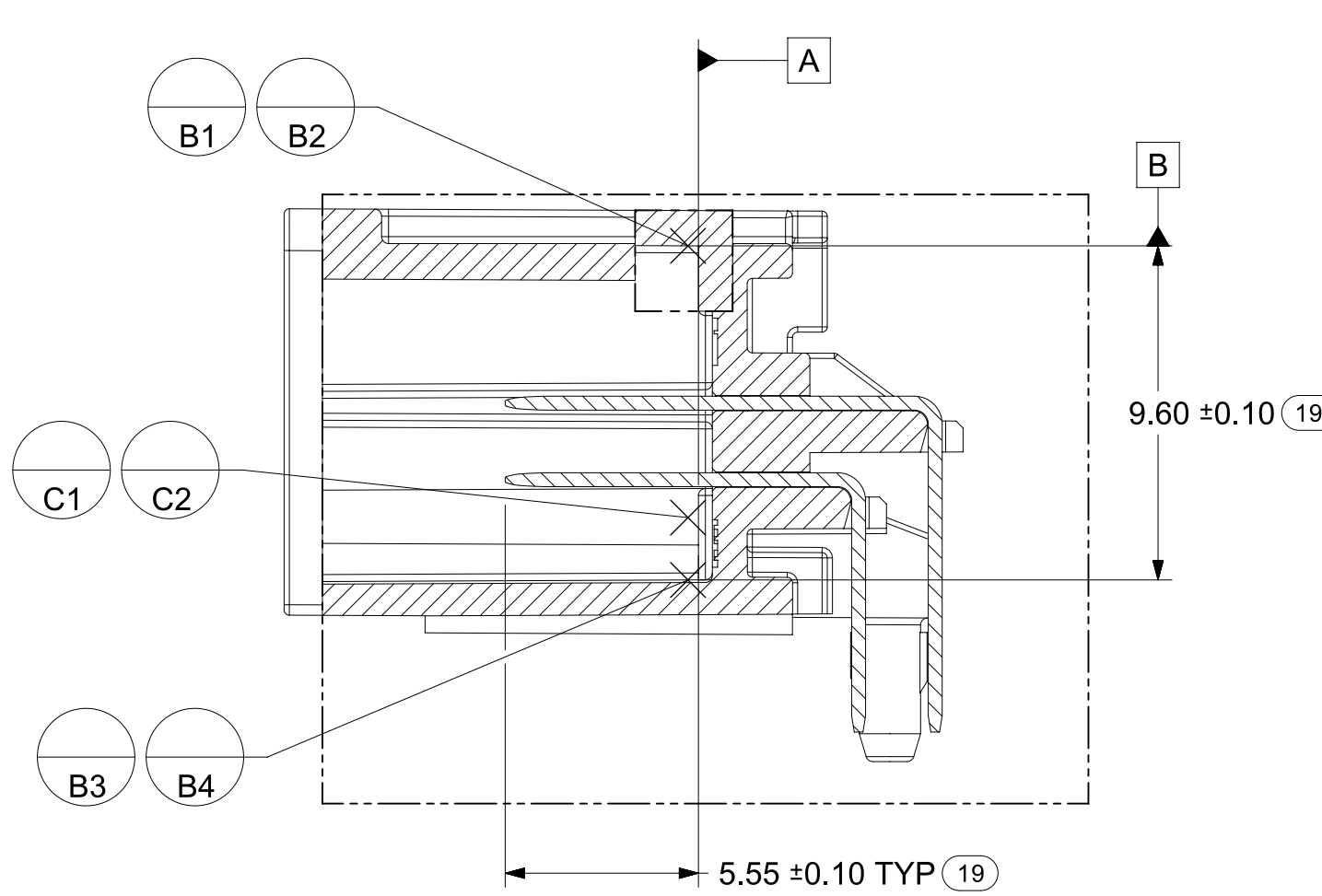
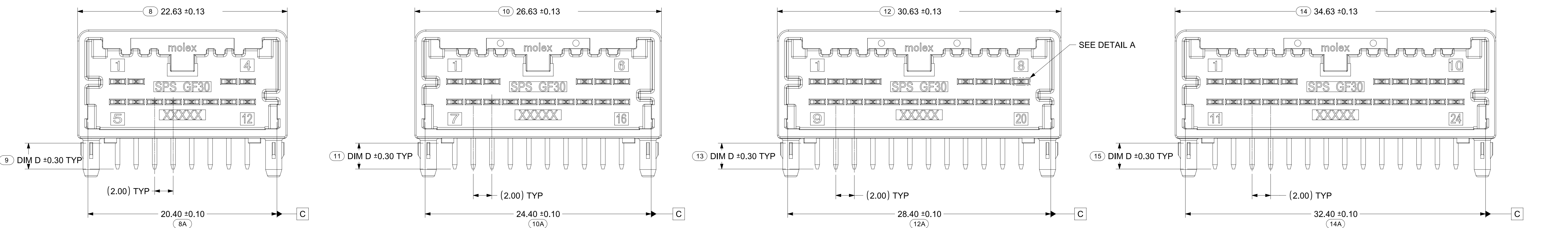
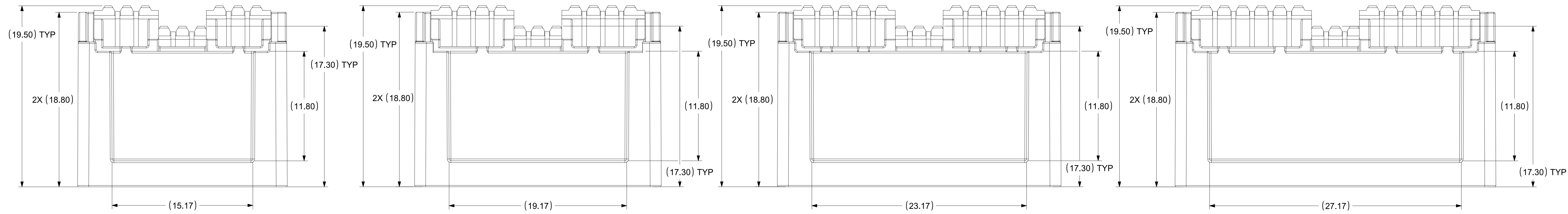
MATERIAL NUMBER: GENERAL MARKET
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 1 OF 4

12 CIRCUIT

16 CIRCUIT

20 CIRCUIT

24 CIRCUIT



FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
	DIMENSION UNITS	SCALE		
	mm	5:1		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL		±	3'	
4 PLACES		±		
3 PLACES		±		
2 PLACES		±	0.100	
1 PLACE		±	0.20	
0 PLACES		±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		
		D-SIZE	SERIES	34826
		STATUS: Production		2023-09-20
		DRWN: Gang Li		2023-09-20
		CHK'D: Shanks Wu		2023-09-25
		APPR: Colin Zhang		
		DOCUMENT NUMBER		SD-34826-001
		DOC TYPE		PSD
		DOC PART		001
		REVISION		H7
		MATERIAL NUMBER		GENERAL MARKET
		CUSTOMER		
		SHEET NUMBER		2 OF 4

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MINI50 12-24CKT R/A SALES DRAWING

PRODUCT SALES DRAWING

DOCUMENT NUMBER: SD-34826-001
 DOC TYPE: PSD
 DOC PART: 001
 REVISION: H7

MATERIAL NUMBER: GENERAL MARKET
 CUSTOMER: GENERAL MARKET
 SHEET NUMBER: 2 OF 4

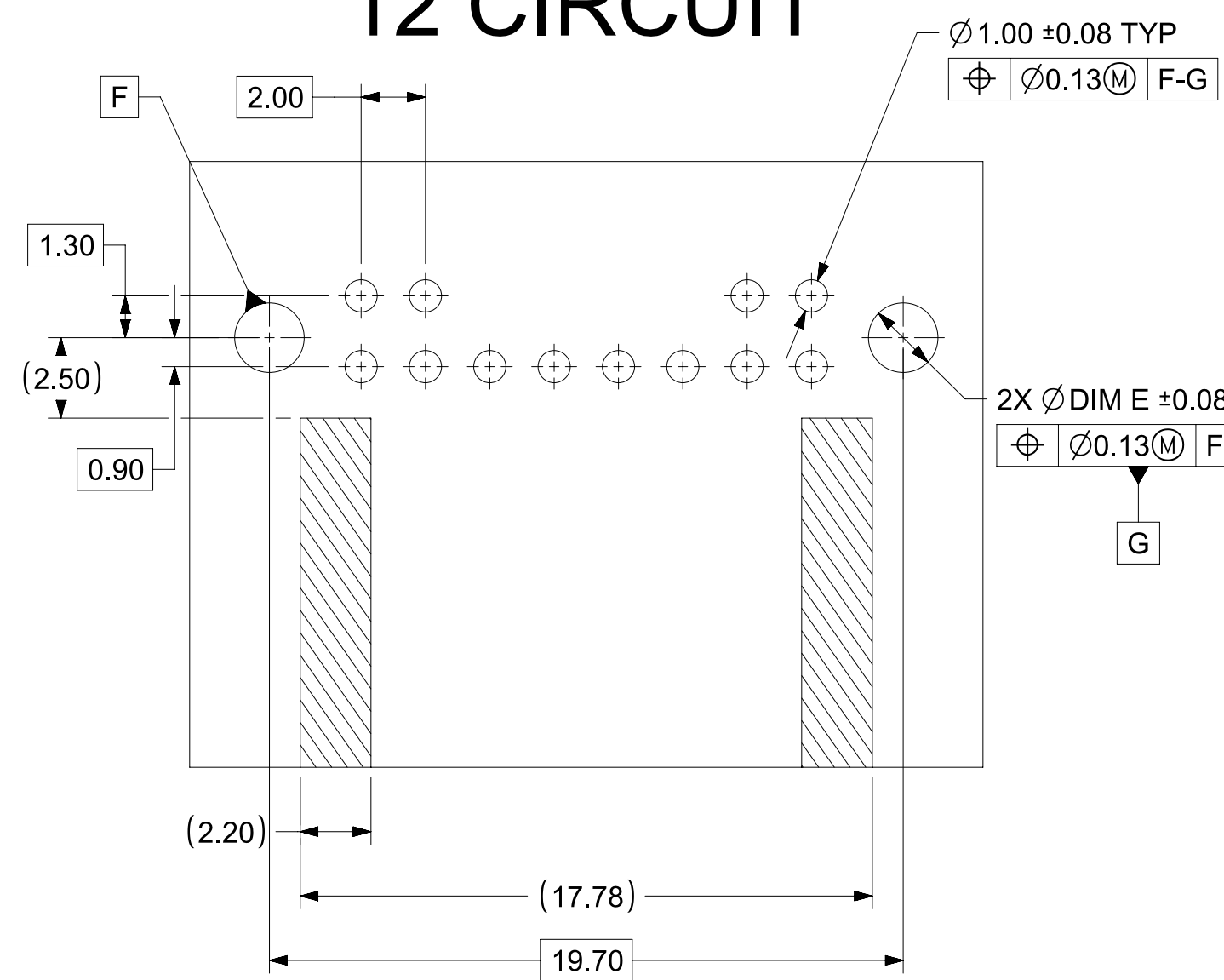
PCB LAYOUT

BOARD SHOWN FOR REFERENCE ONLY

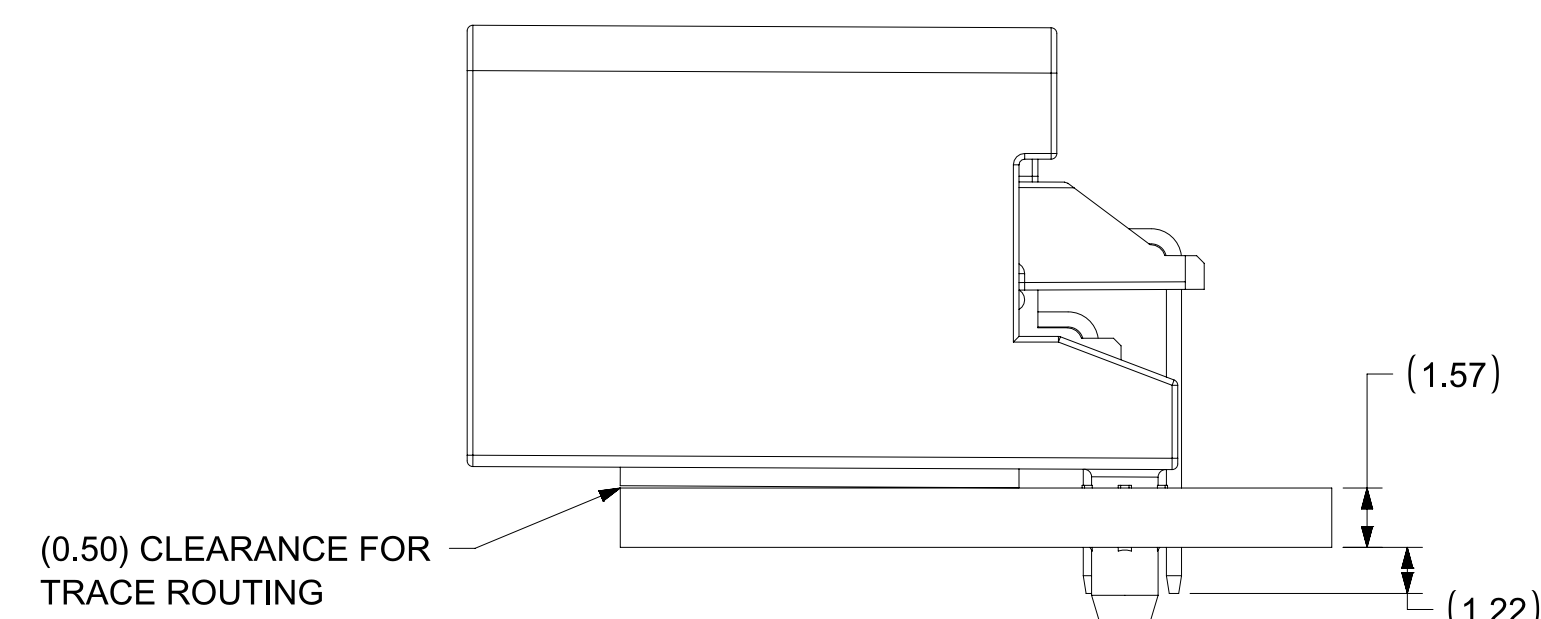
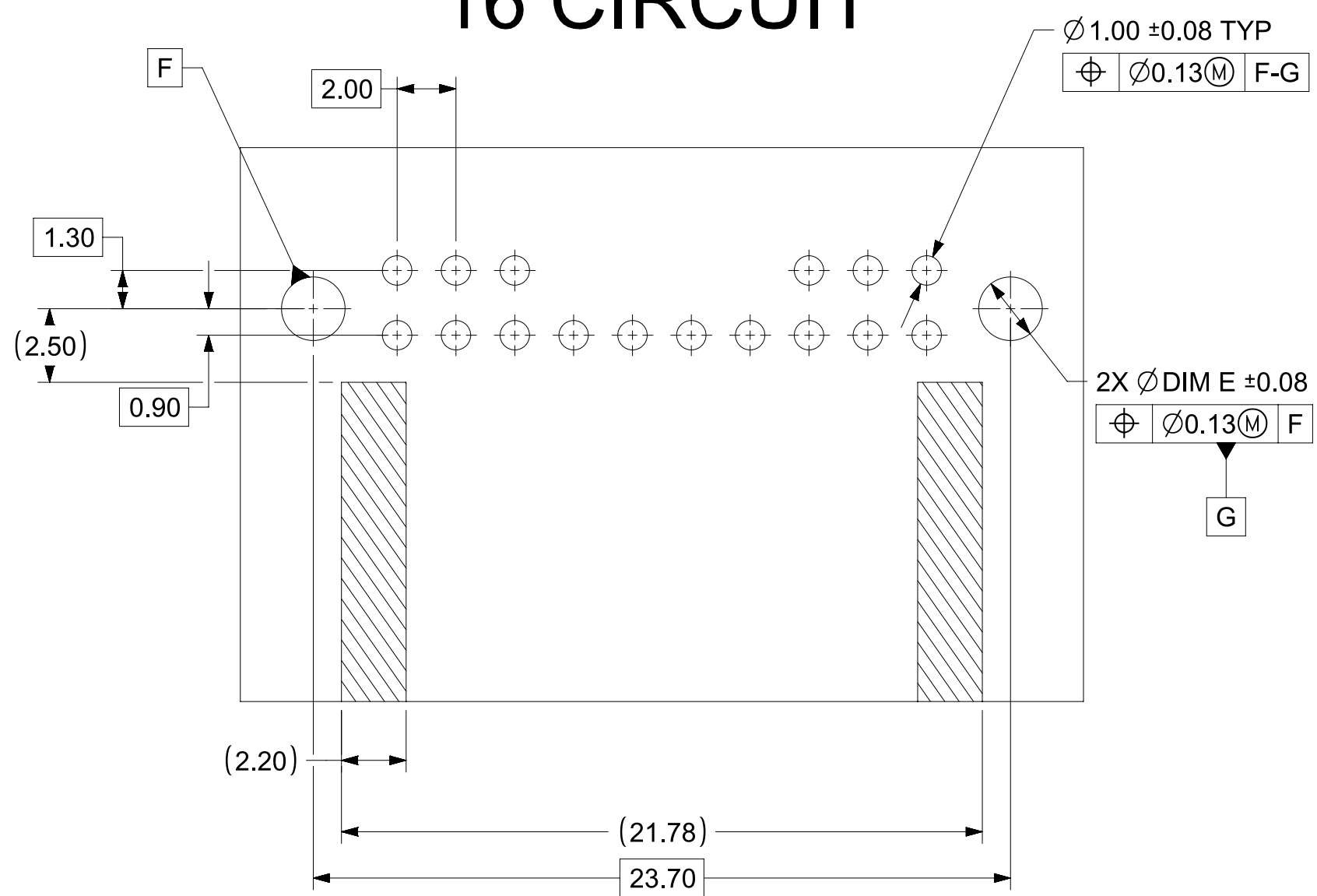
POST HOLE TABLE

	DIM E
PRESS FIT	2.15
DROP IN	2.55

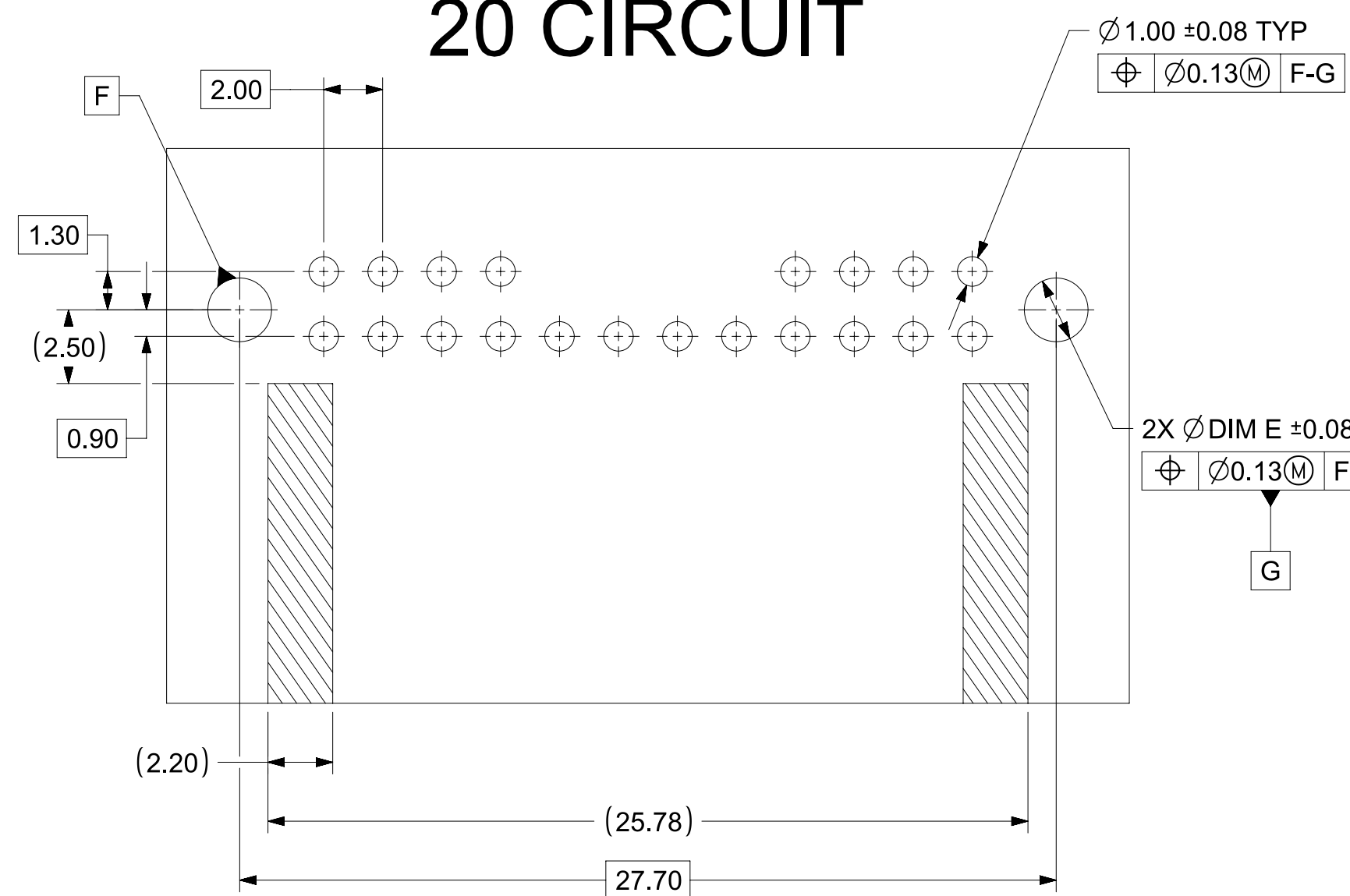
12 CIRCUIT



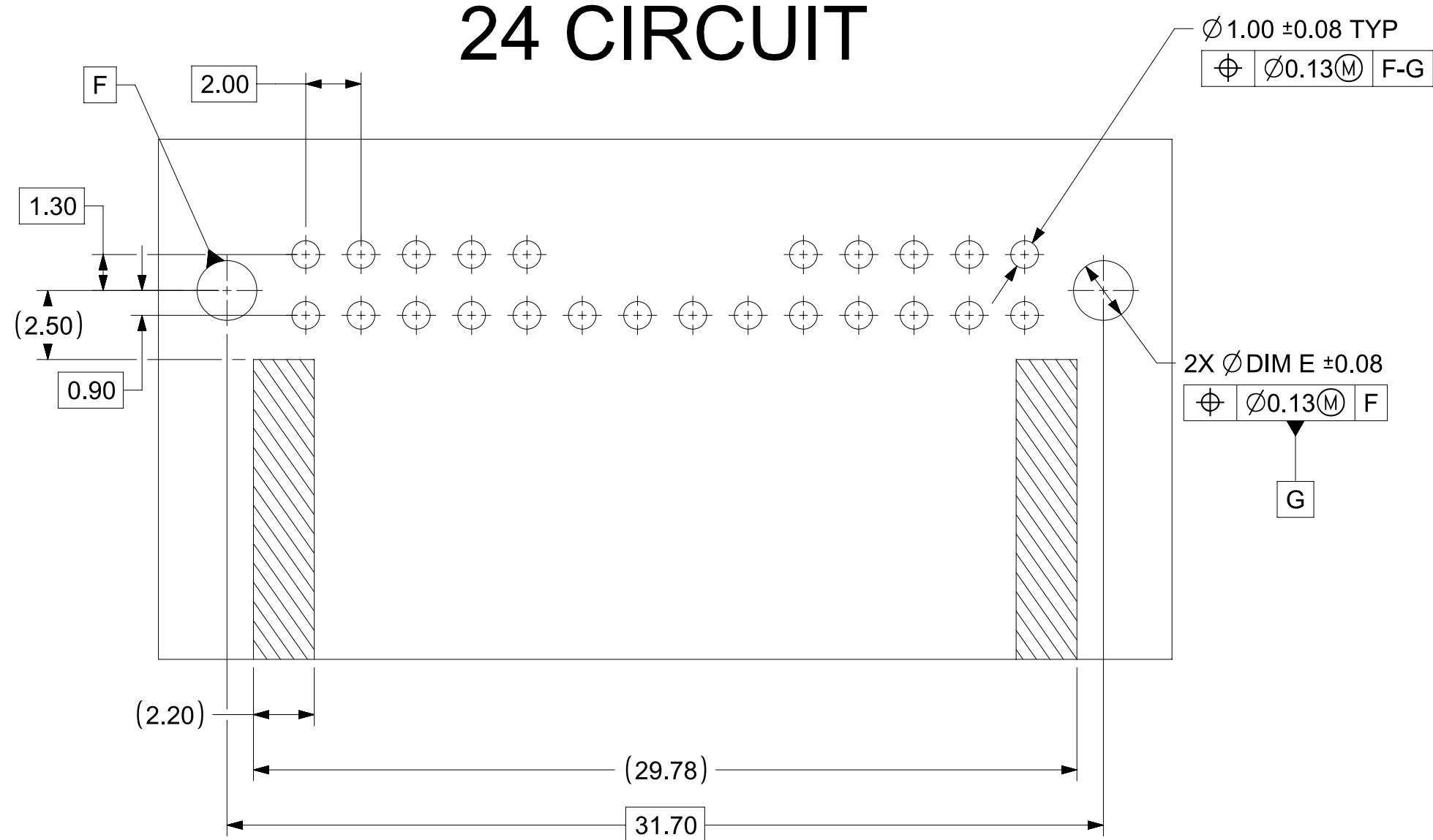
16 CIRCUIT



20 CIRCUIT



24 CIRCUIT



FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_D = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:					
	DIMENSION UNITS	SCALE	 MINI50 12-24CKT R/A SALES DRAWING PRODUCT SALES DRAWING					
	mm	5:1						
	GENERAL TOLERANCES (UNLESS SPECIFIED)							
	ANGULAR TOL	$\pm 3^\circ$						
4 PLACES	\pm							
DIVISIONAL SYMBOLS	3 PLACES	\pm	STATUS: Production					
	2 PLACES	± 0.100	DRWN: Gang Li					
	1 PLACE	± 0.20	CHK'D: Shanks Wu					
	0 PLACES	\pm	APPR: Colin Zhang					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			D-SIZE	34826	SD-34826-001	PSD	001	H7
			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					GENERAL MARKET		3 OF 4	

MINI50 RIGHT ANGLE HEADER ASSEMBLIES

CIRCUIT	DIM D	POL	COLOR	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	BLADE PLATING	FLAMMABILITY	VOIDED CIRCUITS ^(H6)
				TAPE AND REEL PACKAGING PK-47799-0001	TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440			
12	2.80	A	BLACK	34826-8124	34826-9124	34826-0124	TIN	HB	N/A
		A	GREEN	34826-8127	34826-9127	N/A	TIN		
		B	GRAY	34826-8125	34826-9125	34826-0125	TIN		
		C	DARK GRAY	34826-8126	34826-9126	34826-0126	TIN		
16	2.80	A	BLACK	34826-8160	34826-9160	34826-0160	TIN	HB	N/A
		B	GRAY	34826-8161	34826-9161	34826-0161	TIN		
		C	DARK GRAY	34826-8162	34826-9162	34826-0162	TIN		
	3.30	A	BLACK	34826-8164	34826-9164	34826-0164	TIN		
		B	GRAY	34826-8165	34826-9165	34826-0165	TIN		
		C	DARK GRAY	34826-8166	34826-9166	34826-0166	TIN		
20	2.80	A	BLACK	34826-8200	34826-9200	34826-0200	TIN	HB	N/A
		B	GRAY	34826-8201	34826-9201	34826-0201	TIN		N/A
		C	DARK GRAY	34826-8202	34826-9202	34826-0202	TIN		N/A
	3.30	A	BLACK	34826-8207	34826-9207	34826-0207	TIN		6, 18 ^(H7)
		A	BLACK	34826-8204	34826-9204	34826-0204	TIN		N/A
		B	GRAY	34826-8205	34826-9205	34826-0205	TIN		N/A
		C	DARK GRAY	34826-8206	34826-9206	34826-0206	TIN		N/A
24	2.80	A	BLACK	34826-8240	34826-9240	34826-0240	TIN	HB	N/A
		B	GRAY	34826-8241	34826-9241	34826-0241	TIN		
		C	DARK GRAY	34826-8242	34826-9242	34826-0242	TIN		
12	2.80	A	BLACK	215427-8124	215427-9124	215427-0124	TIN	V0	N/A
		B	GRAY	215427-8125	215427-9125	215427-0125	TIN		
		C	DARK GRAY	215427-8126	215427-9126	215427-0126	TIN		
16	2.80	A	BLACK	215427-8160	215427-9160	215427-0160	TIN	V0	N/A
		B	GRAY	215427-8161	215427-9161	215427-0161	TIN		
		C	DARK GRAY	215427-8162	215427-9162	215427-0162	TIN		
20	2.80	A	BLACK	215427-8200	215427-9200	215427-0200	TIN	V0	N/A
		B	GRAY	215427-8201	215427-9201	215427-0201	TIN		
		C	DARK GRAY	215427-8202	215427-9202	215427-0202	TIN		
24	2.80	A	BLACK	215427-8240	215427-9240	215427-0240	TIN	V0	N/A
		B	GRAY	215427-8241	215427-9241	215427-0241	TIN		
		C	DARK GRAY	215427-8242	215427-9242	215427-0242	TIN		

MATING COMPONENTS

FOR ALL MATING COMPONENT PART NUMBERS SEE THE FOLLOWING SALES DRAWINGS

- GEN I RECEPTACLE ONLY: SD-34824-002
- GEN I RECEPTACLE WITH CPA: SD-34824-003
- GEN II: 2065230000

FUNCTIONAL 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		
$\nabla_A = 0$	mm	1:1		
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			
$\nabla_P = 0$	ANGULAR TOL	$\pm 3^\circ$		
DIVISIONAL SYMBOLS	4 PLACES	\pm		
	3 PLACES	\pm		
	2 PLACES	± 0.100		
	1 PLACE	± 0.20		
	0 PLACES	\pm		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			D-SIZE	34826
		STATUS: Production		2023-09-20
		DRWN: Gang Li		2023-09-20
		CHK'D: Shanks Wu		2023-09-25
		APPR: Colin Zhang		
		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION
		SD-34826-001		PSD 001 H7
		MATERIAL NUMBER		CUSTOMER
		34826		GENERAL MARKET
		SHEET NUMBER		
		4 OF 4		

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MINI50 12-24CKT R/A SALES DRAWING

PRODUCT SALES DRAWING

DOCUMENT NUMBER: SD-34826-001
 DOC TYPE: PSD | DOC PART: 001 | REVISION: H7

MATERIAL NUMBER: 34826
 CUSTOMER: GENERAL MARKET
 SHEET NUMBER: 4 OF 4