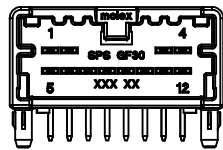
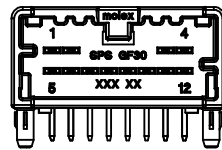


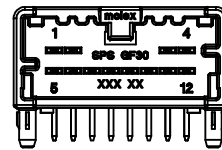
12 CIRCUIT RIGHT ANGLE HEADER
POLARIZATION OPTION A



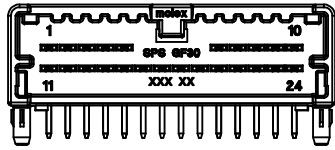
12 CIRCUIT RIGHT ANGLE HEADER
POLARIZATION OPTION B



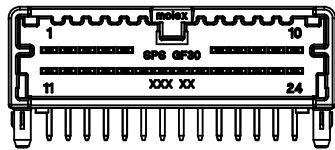
12 CIRCUIT RIGHT ANGLE HEADER
POLARIZATION OPTION C



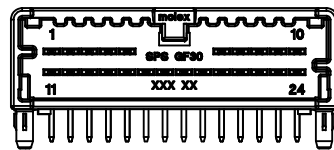
12 CIRCUIT RIGHT ANGLE HEADER
POLARIZATION OPTION D



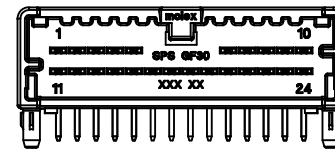
24 CIRCUIT RIGHT ANGLE HEADER
POLARIZATION OPTION A
NOT TOOLED



24 CIRCUIT RIGHT ANGLE HEADER
POLARIZATION OPTION B
NOT TOOLED



24 CIRCUIT RIGHT ANGLE HEADER
POLARIZATION OPTION C
NOT TOOLED



24 CIRCUIT RIGHT ANGLE HEADER
POLARIZATION OPTION D
NOT TOOLED

MINI50 RIGHT ANGLE HEADER ASSEMBLIES

MATERIAL NUMBER TRAY PACKAGING PK-31301-688	CIRCUIT	POL	COLOR	BLADE PLATING	MATING COMPONENT
34826-0120	12	A	BLACK	TIN OVER NICKEL	34824-0120
34826-0121	12	B	GRAY	TIN OVER NICKEL	34824-0121
34826-0122	12	C	BROWN	TIN OVER NICKEL	34824-0122
34826-0123	12	D	GREEN	TIN OVER NICKEL	34824-0123
34826-0240 - NOT TOOLED	24	A	BLACK	TIN OVER NICKEL	34824-0240 - NOT TOOLED
34826-0241 - NOT TOOLED	24	B	GRAY	TIN OVER NICKEL	34824-0241 - NOT TOOLED
34826-0242 - NOT TOOLED	24	C	BROWN	TIN OVER NICKEL	34824-0242 - NOT TOOLED
34826-0243 - NOT TOOLED	24	D	GREEN	TIN OVER NICKEL	34824-0243 - NOT TOOLED

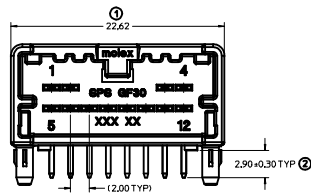
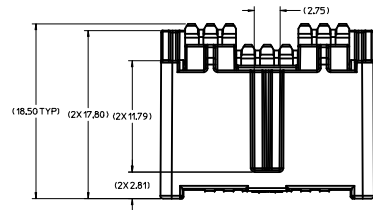
NOTES: VALID UNLESS OTHERWISE SPECIFIED

- 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: QHS-699000-300
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - 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.01 MAX
 - LETTERING SHALL BE 0.10 MAX RAISED, THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, VENDOR ID, AND CIRCUIT ID.

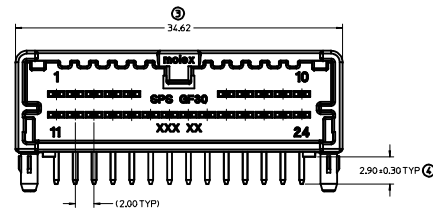
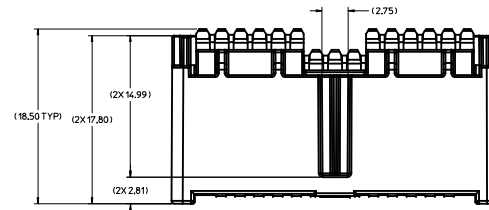
LAST BALLOON ON DRAWING
⑧
DELETED BALLOONS:

INITIAL RELEASE EC NO: UAU2016-1043 DRAWN BY: TCU CHECKED BY: TCU APPROVED BY: TCU 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		DRAWN BY TCUCU	DATE 2011/02/24	TITLE MINI50 DUAL ROW RIGHT ANGLE ASSEMBLY SALES DRAWING		
		4 PLACES ± ---	± ---	CHECKED BY TACHUGA	DATE 2011/02/25	MOLEX MOLEX INCORPORATED		
		3 PLACES ± ---	± ---	APPROVED BY SMARCEAU	DATE 2011/05/18			
		2 PLACES ± 0.20	± ---	MATERIAL NO.				
		1 PLACE ± 0.10	± ---	DOCUMENT NO.				
		ANGULAR ± 3 °		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-34826-000		1 OF 2		
SIZE E		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

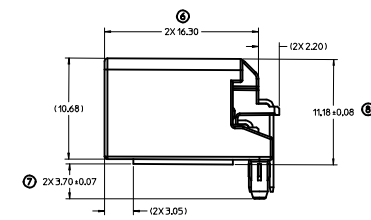
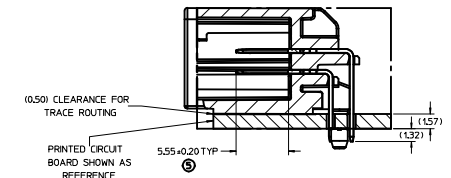
12 CIRCUIT RIGHT ANGLE HEADER



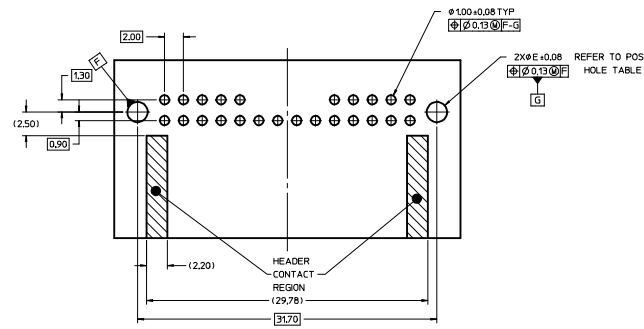
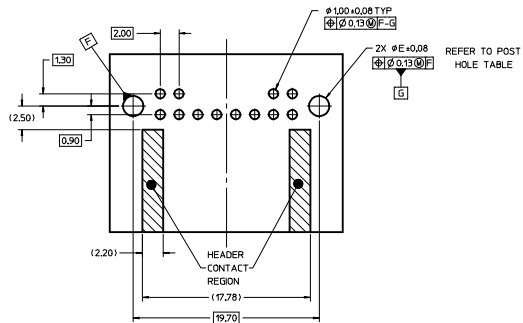
24 CIRCUIT RIGHT ANGLE HEADER



HEADER TO PCB FLUSH MOUNT



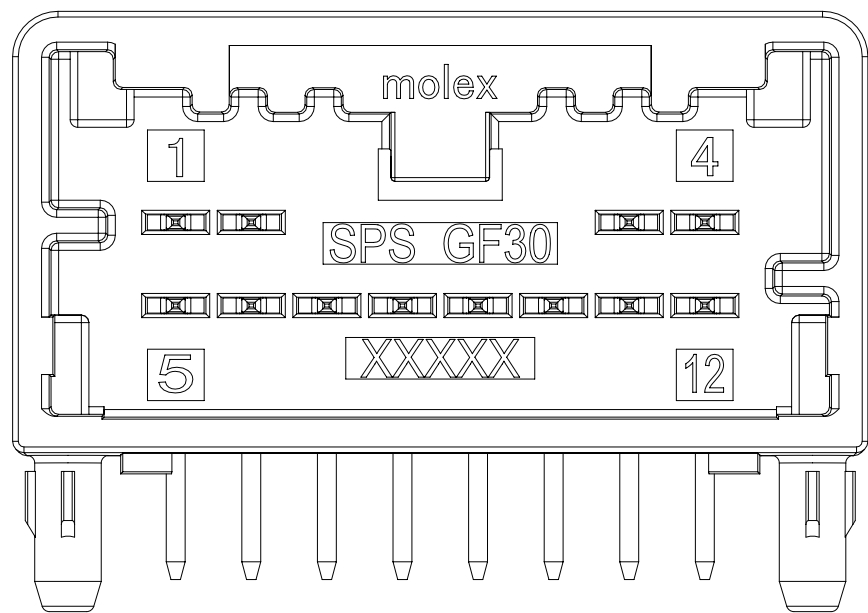
PCB LAYOUT CONNECTOR MATE SIDE



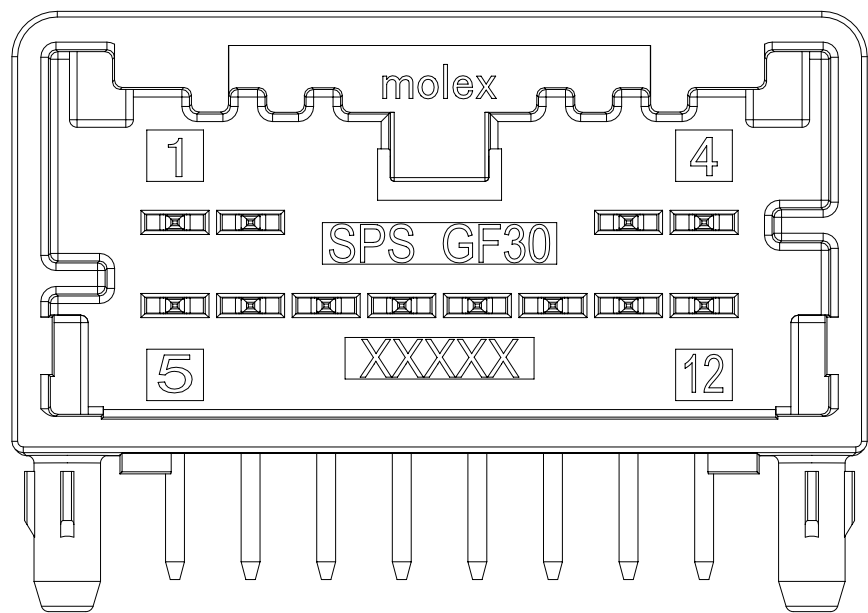
POST HOLE TABLE

	MM	E"
PRESS FIT	2.15	
DROP IN	2.55	

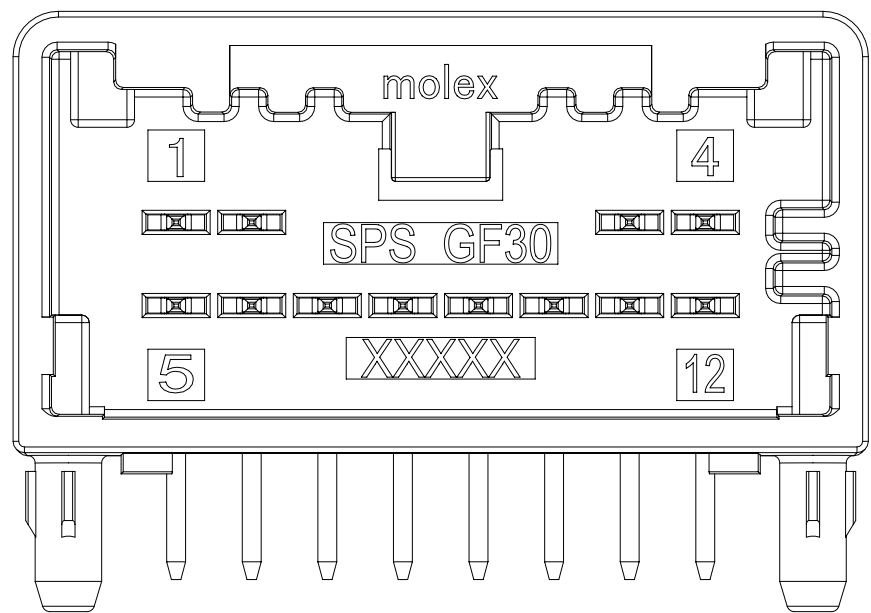
INITIAL RELEASE EC NO. UAO2011-1023 DRAWN/COO: 2011/02/24 CHECKED/CHA: 2011/02/25 APPROVED/CHA: 2011/05/18	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- ANGULAR ± 3°	DIMENSION STYLE MM ONLY DRAWN BY DATE TCUUCU 2011/02/24 CHECKED BY DATE TMACHUGA 2011/02/25 APPROVED BY DATE SHARCEAU 2011/05/18	SCALE 5:1 DESIGN UNITS METRIC	THIRD ANGLE PROJECTION MINI50 DUAL ROW RIGHT ANGLE ASSEMBLY SALES DRAWING MOLEX INCORPORATED	MATERIAL NO. SD-34826-000 DOCUMENT NO.	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						



12CKT POLARIZATION A



12CKT POLARIZATION B



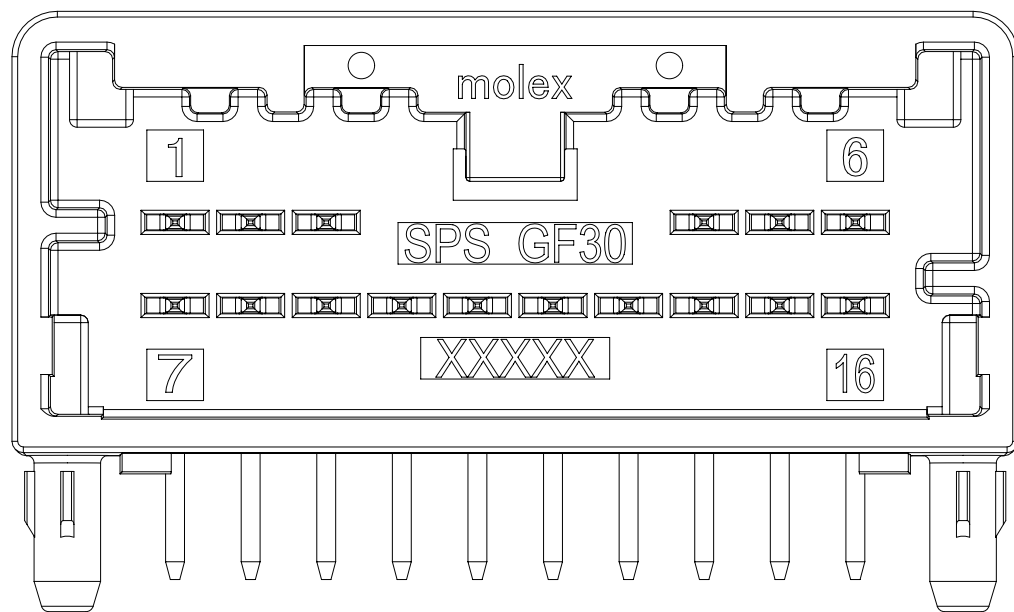
12CKT POLARIZATION C

NOTES: VALID UNLESS OTHERWISE SPECIFIED

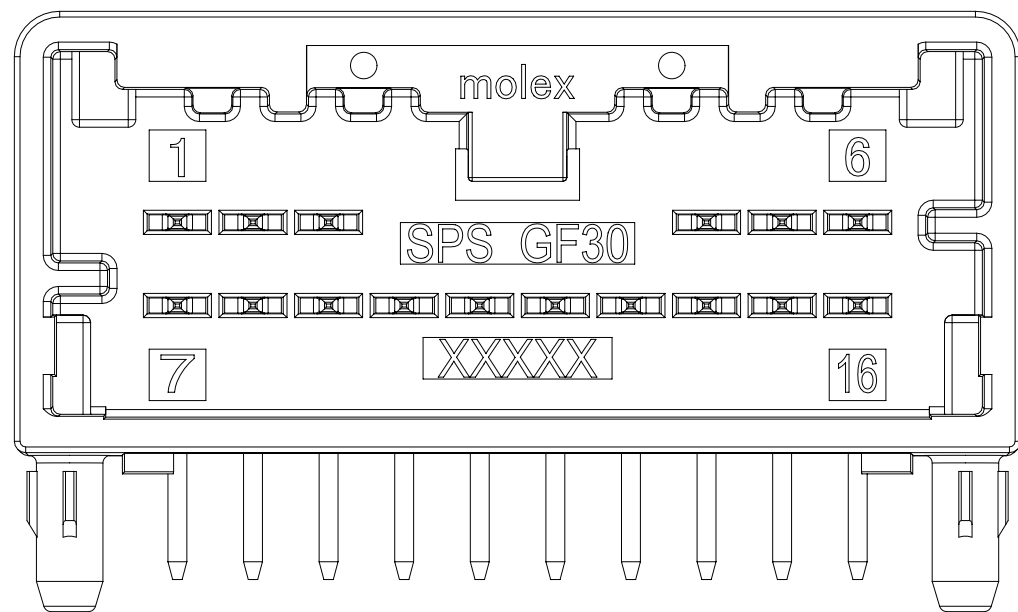
1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-34791-020
 - b. PRODUCT SPECIFICATION SEE: PS-34791-020
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: SEE CHART
 - d. SOLDERABILITY PER SMES-152
 - e. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: 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

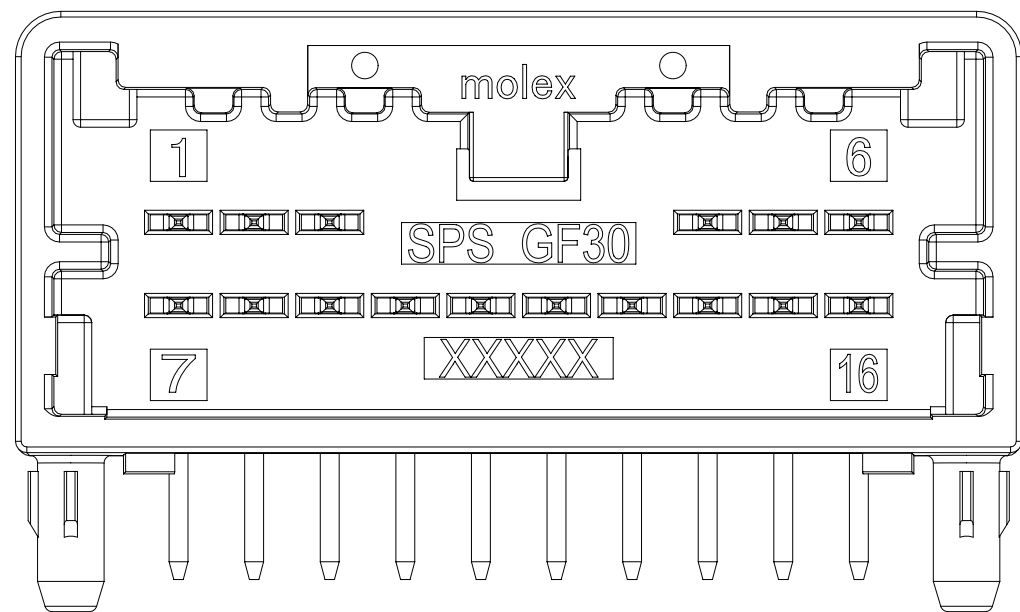
3. DESIGN - GEOMETRY:
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 2009
 - c. GENERAL TOLERANCES: SEE TITLE 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



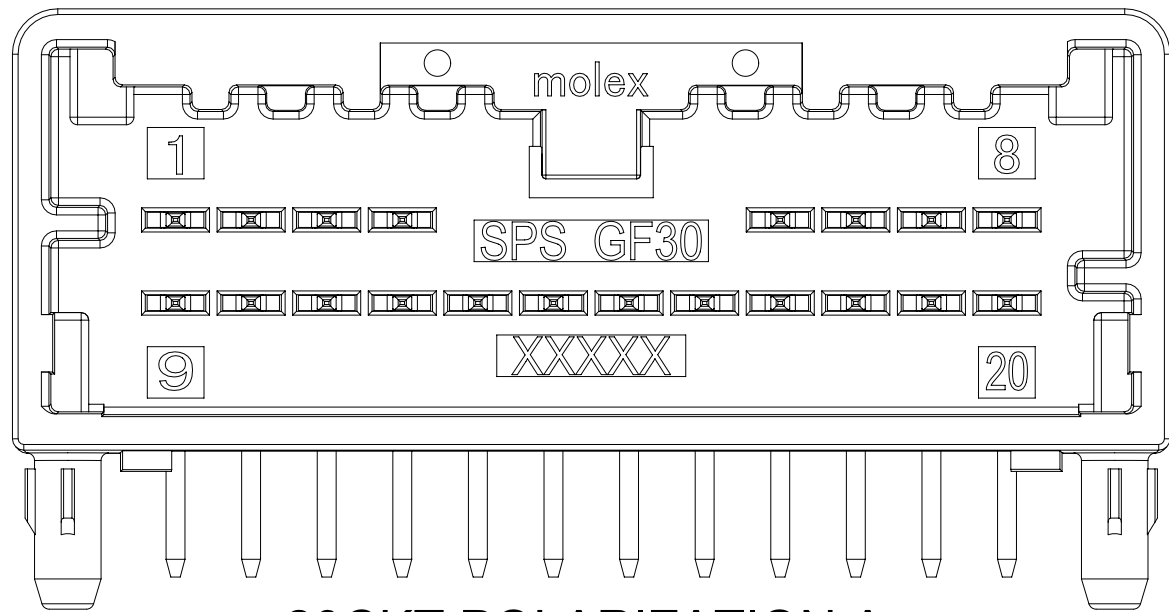
16CKT POLARIZATION A



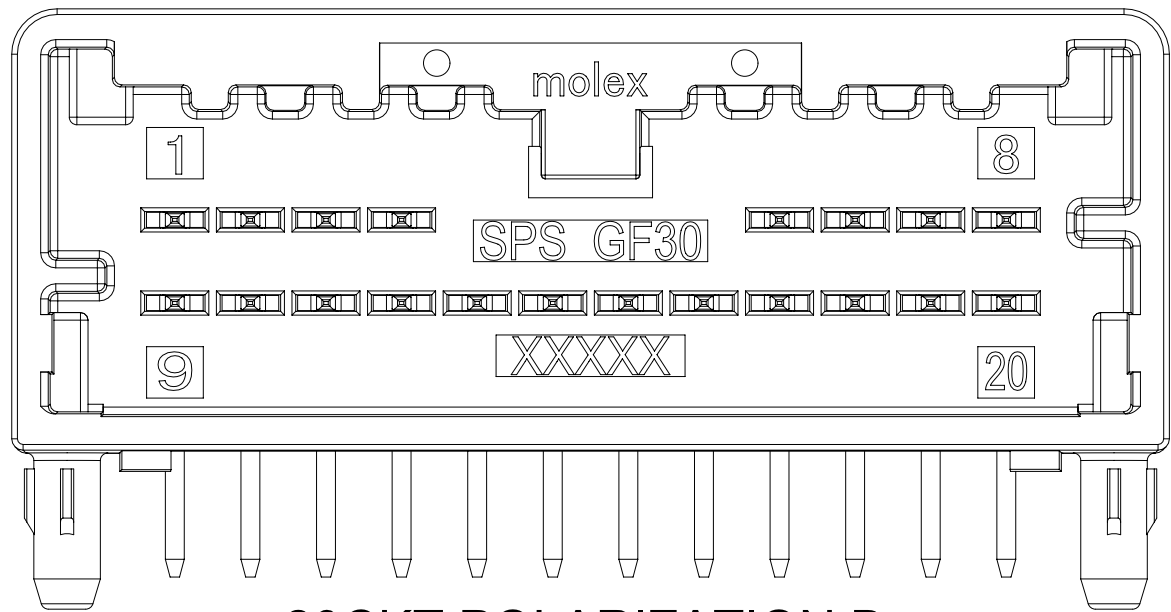
16CKT POLARIZATION B



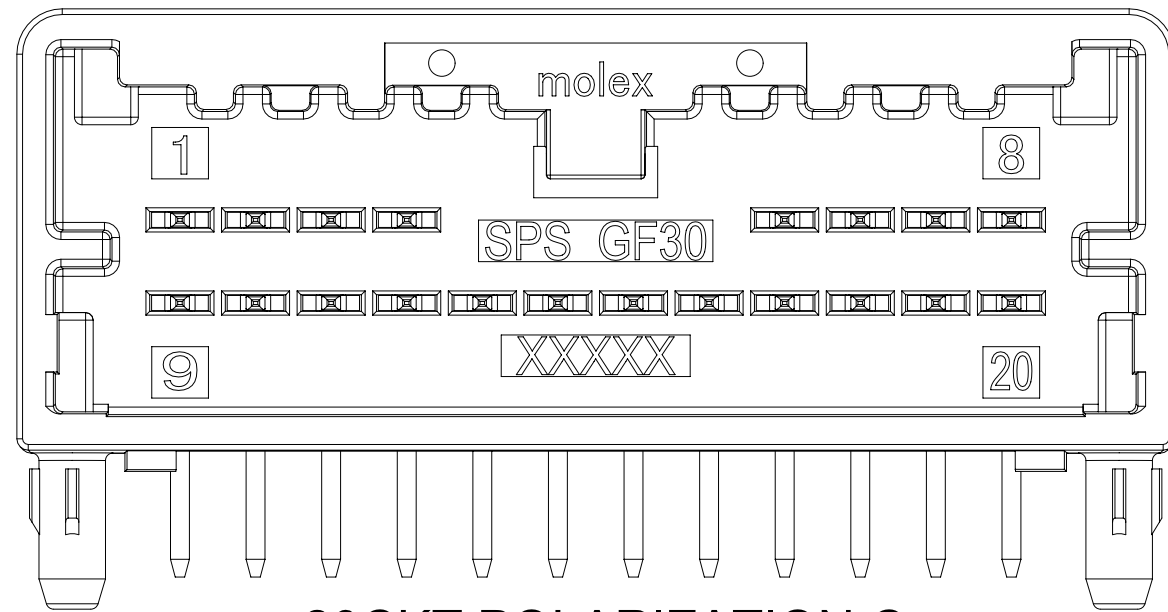
16CKT POLARIZATION C



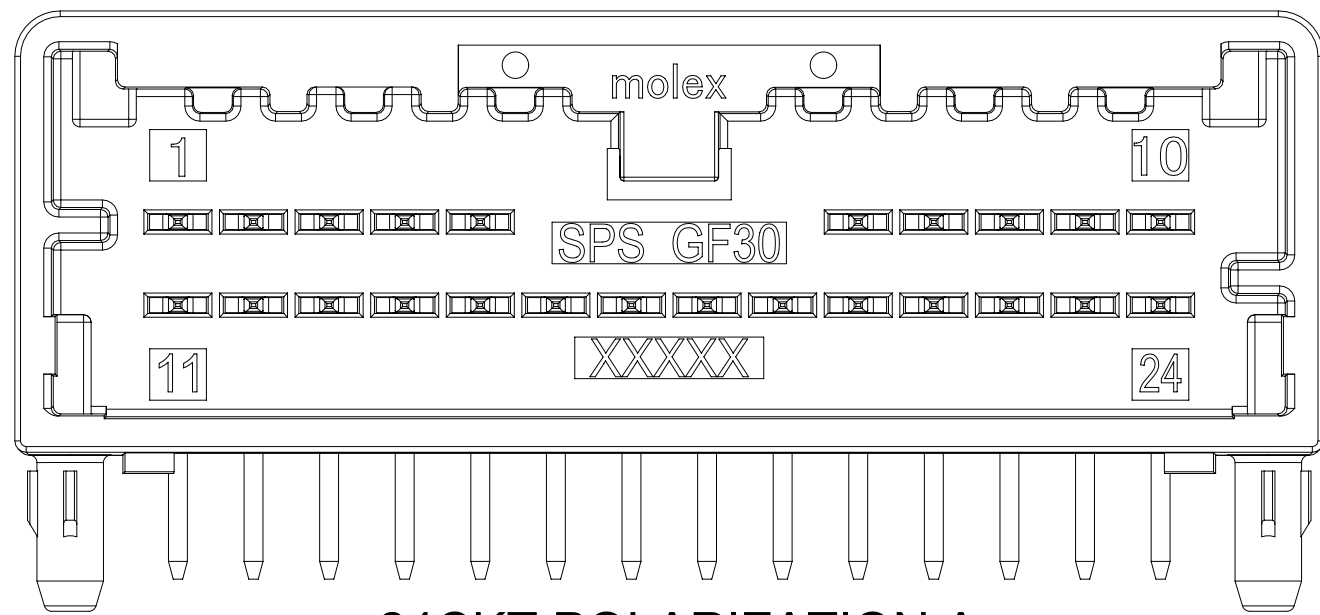
20CKT POLARIZATION A



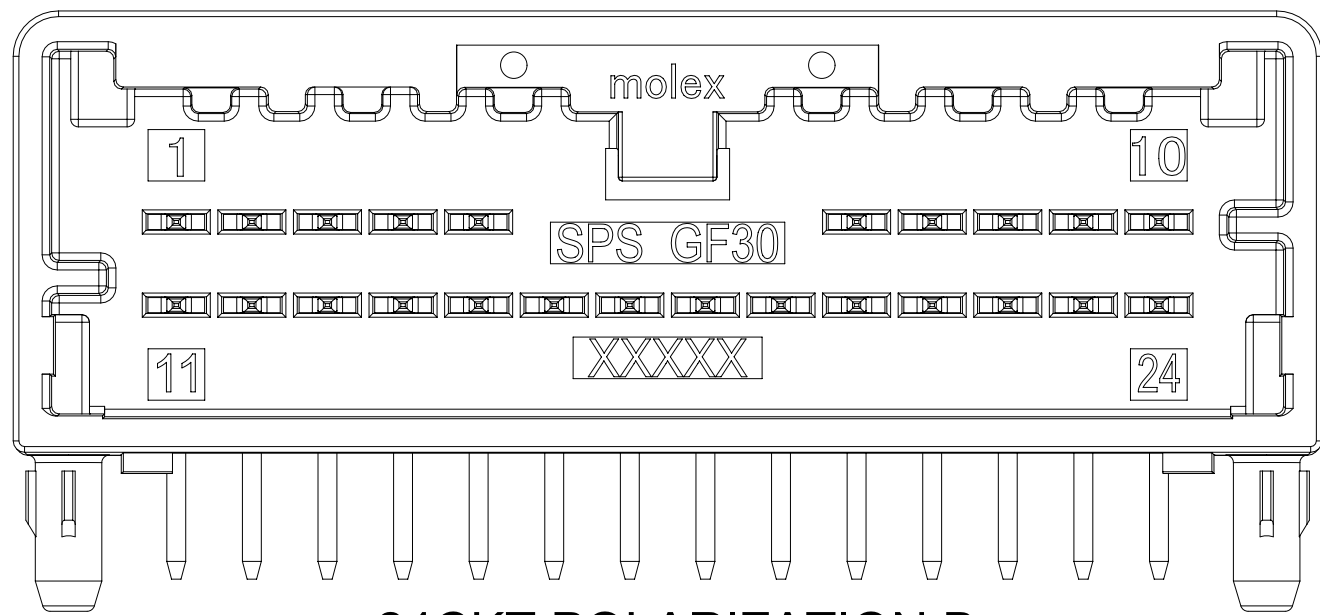
20CKT POLARIZATION B



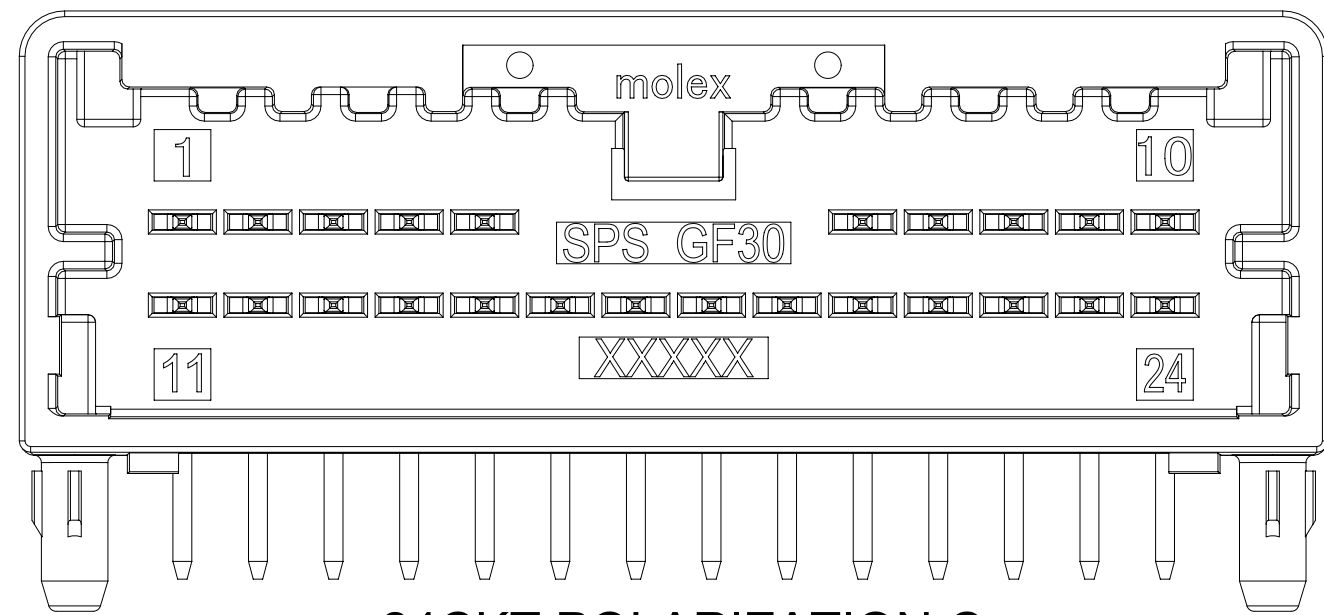
20CKT POLARIZATION C



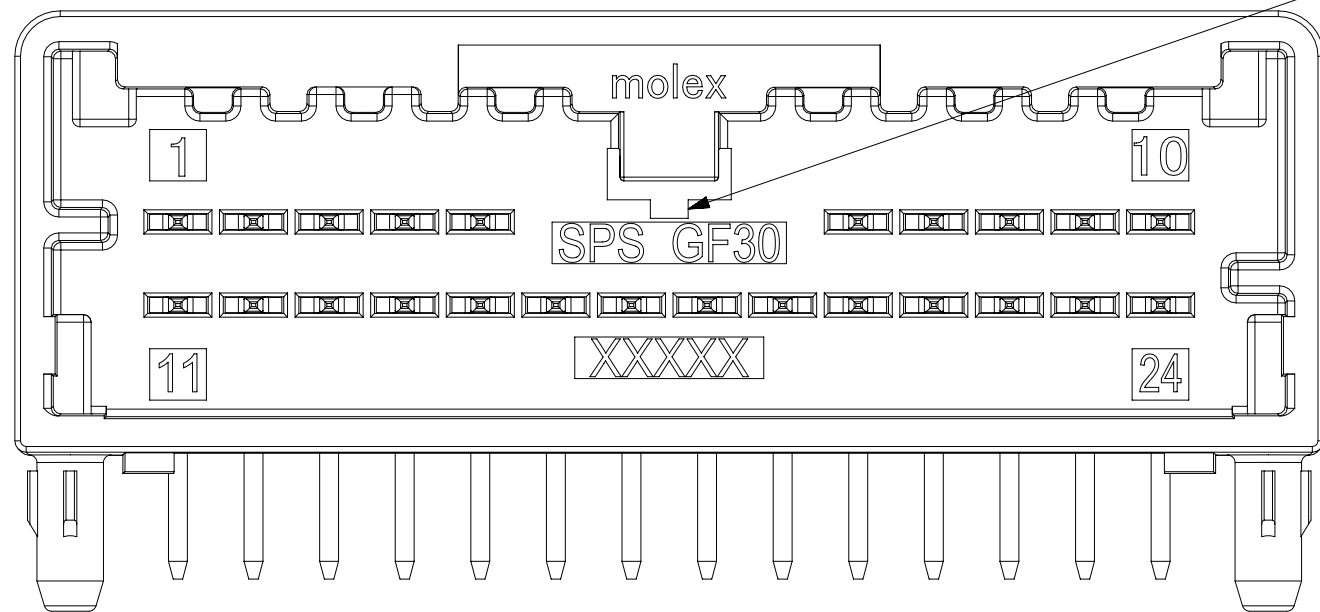
24CKT POLARIZATION A



24CKT POLARIZATION B



24CKT POLARIZATION C

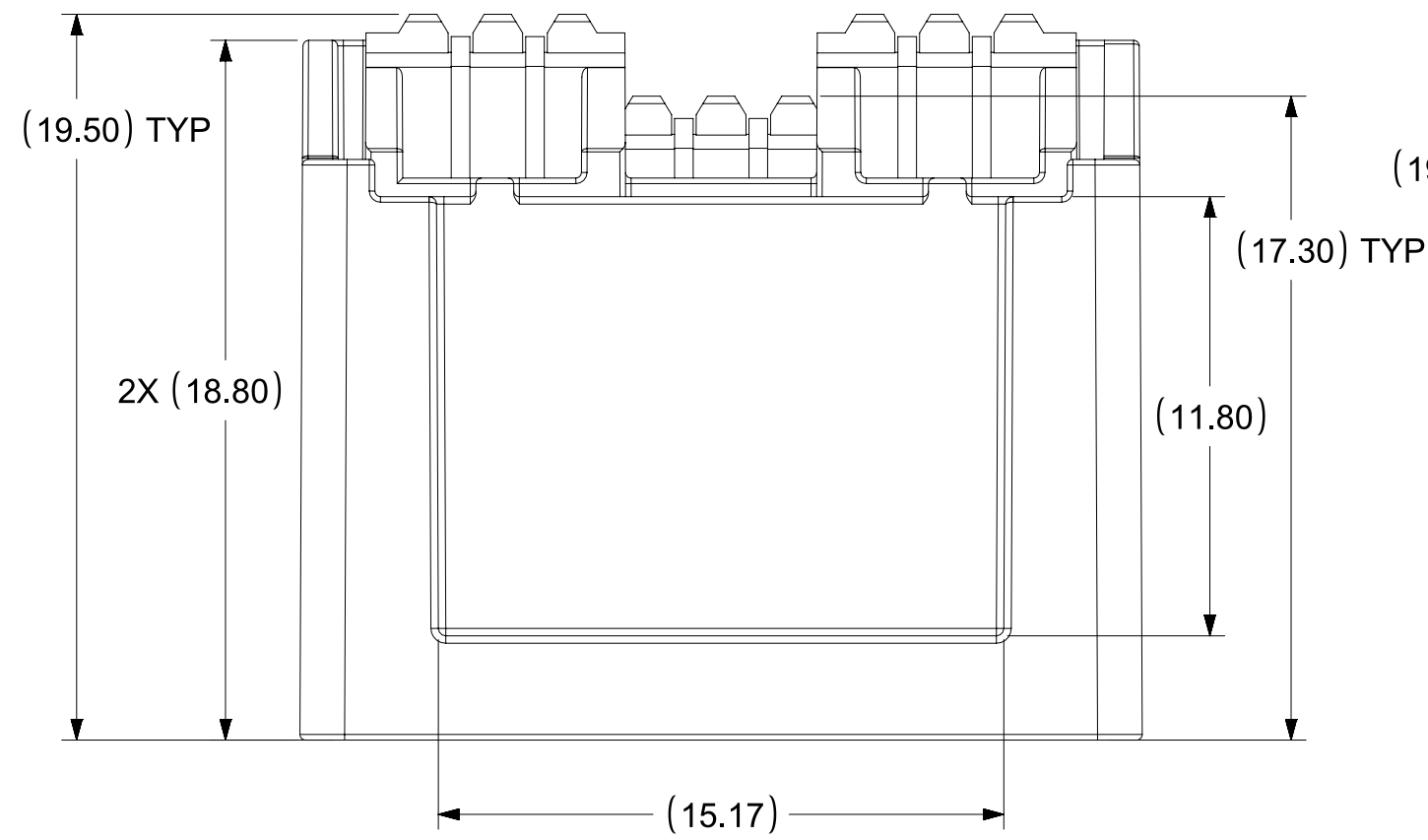


– V0 IDENTIFIER
APPLIES FOR 12-24CKT

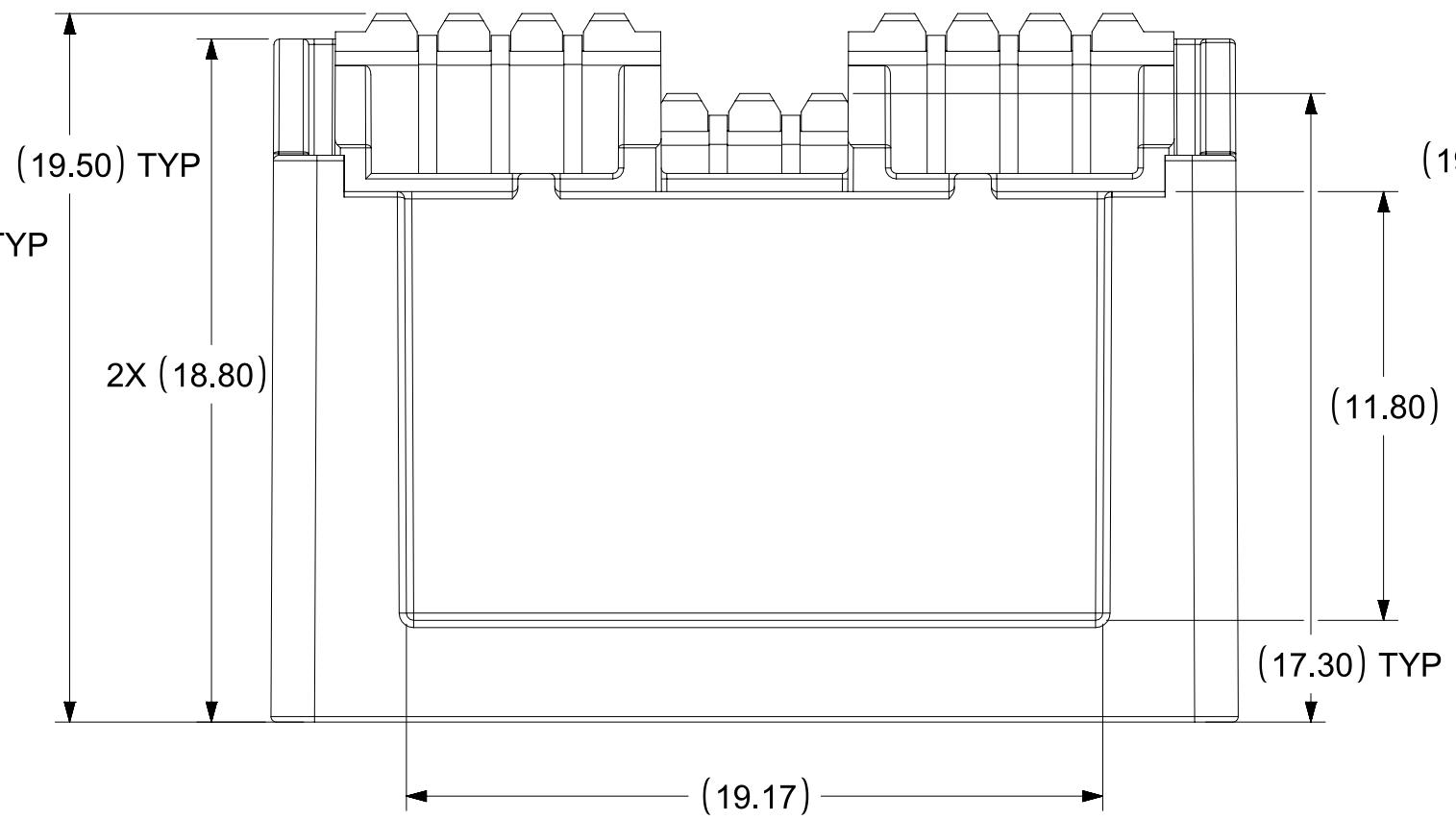
INSPECTION BALLOON NUMBER LOG	H	DRAWING REMASTED
PER DRAWING REVISION: H6		PAGE 2: CORRECTED DUPLICATE DIM 19 UPDATED DIM NUMBERING 19 & 20 TO 20 & 21
LAST BALLOON USED: 21		PAGE 4: ADDED 12CKT GREEN POL A TO P/N TABLE
ADDED BALLOON NUMBERS:	G5	UPDATED VIEWS TO MATCH CURRENT PRODUCTION. DIMS AND GEOMETRY DID NOT CHANGE
REMOVED BALLOON NUMBERS:	REV	DESCRIPTION

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

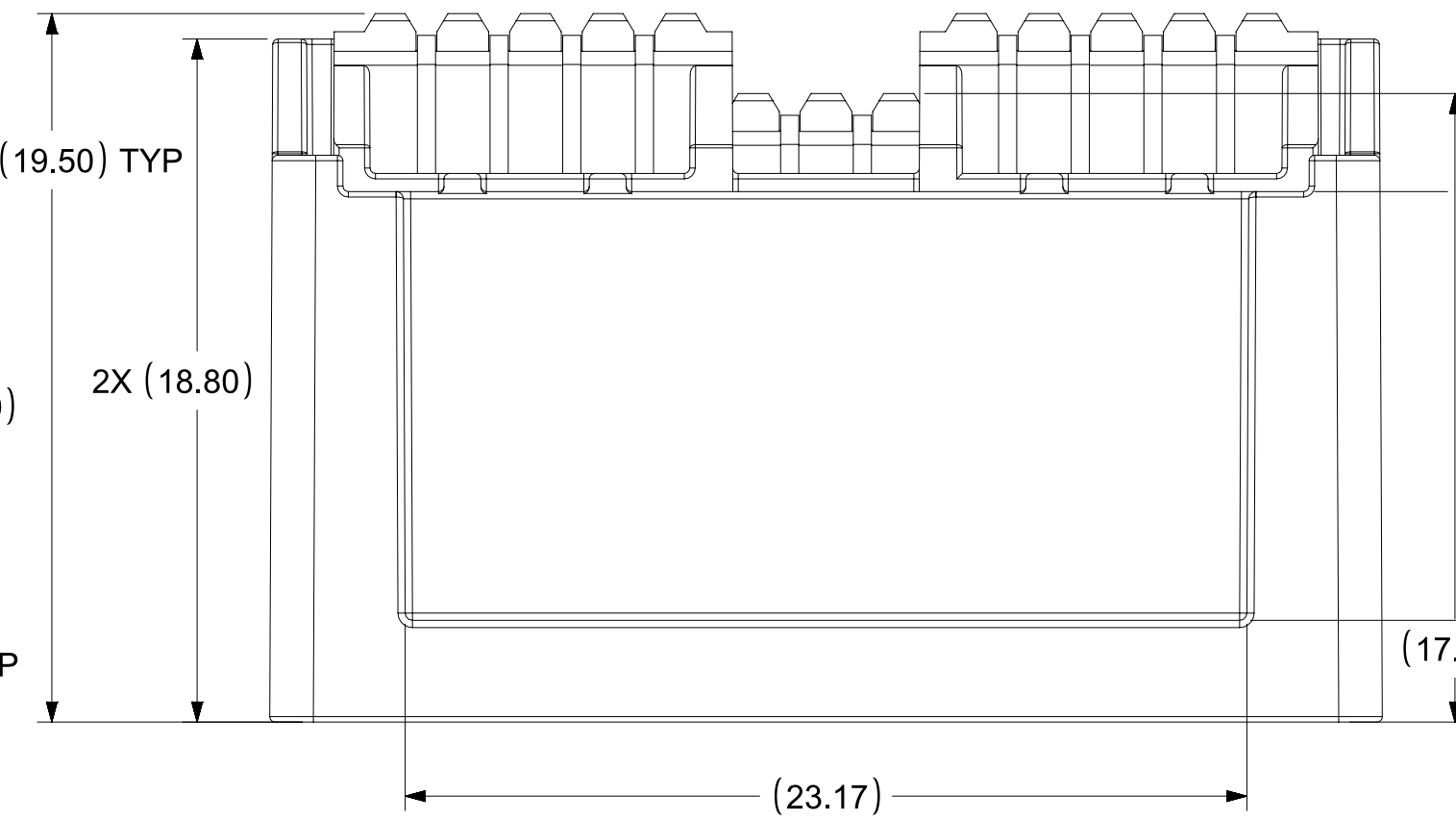
12 CIRCUIT



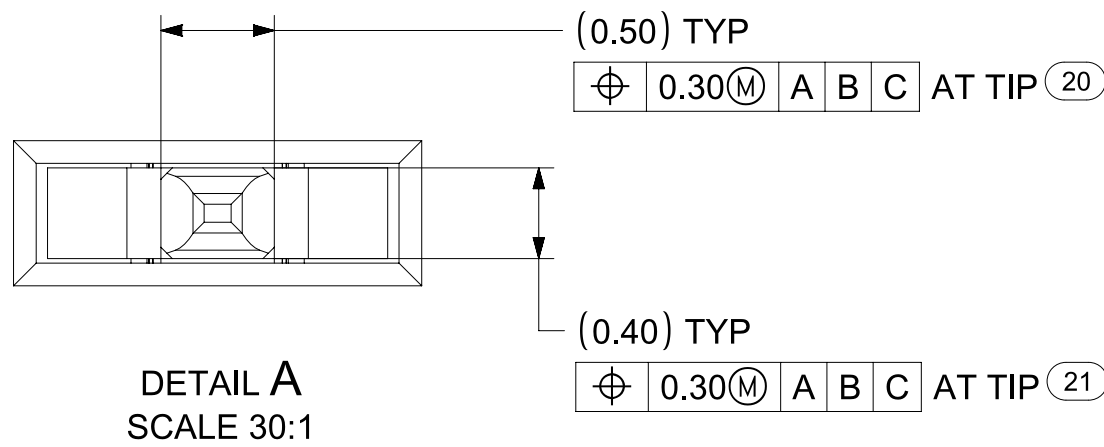
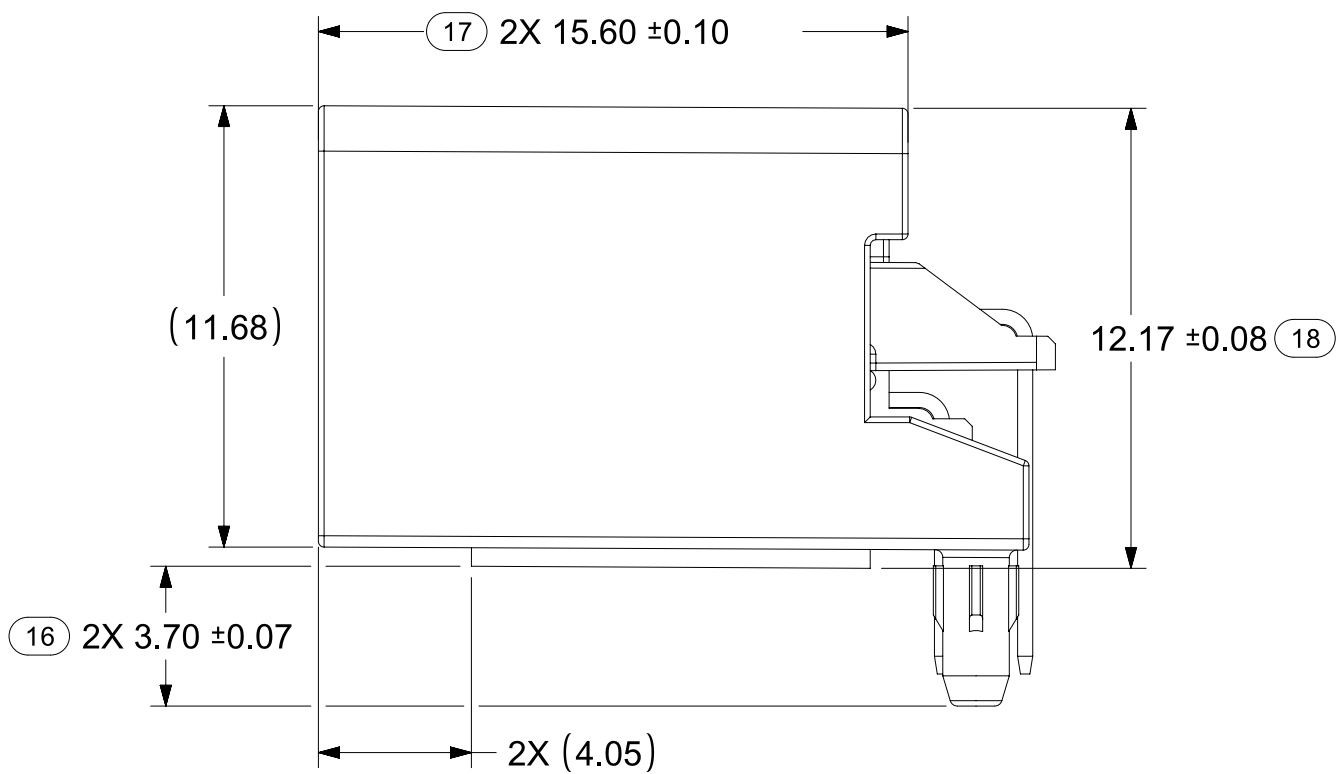
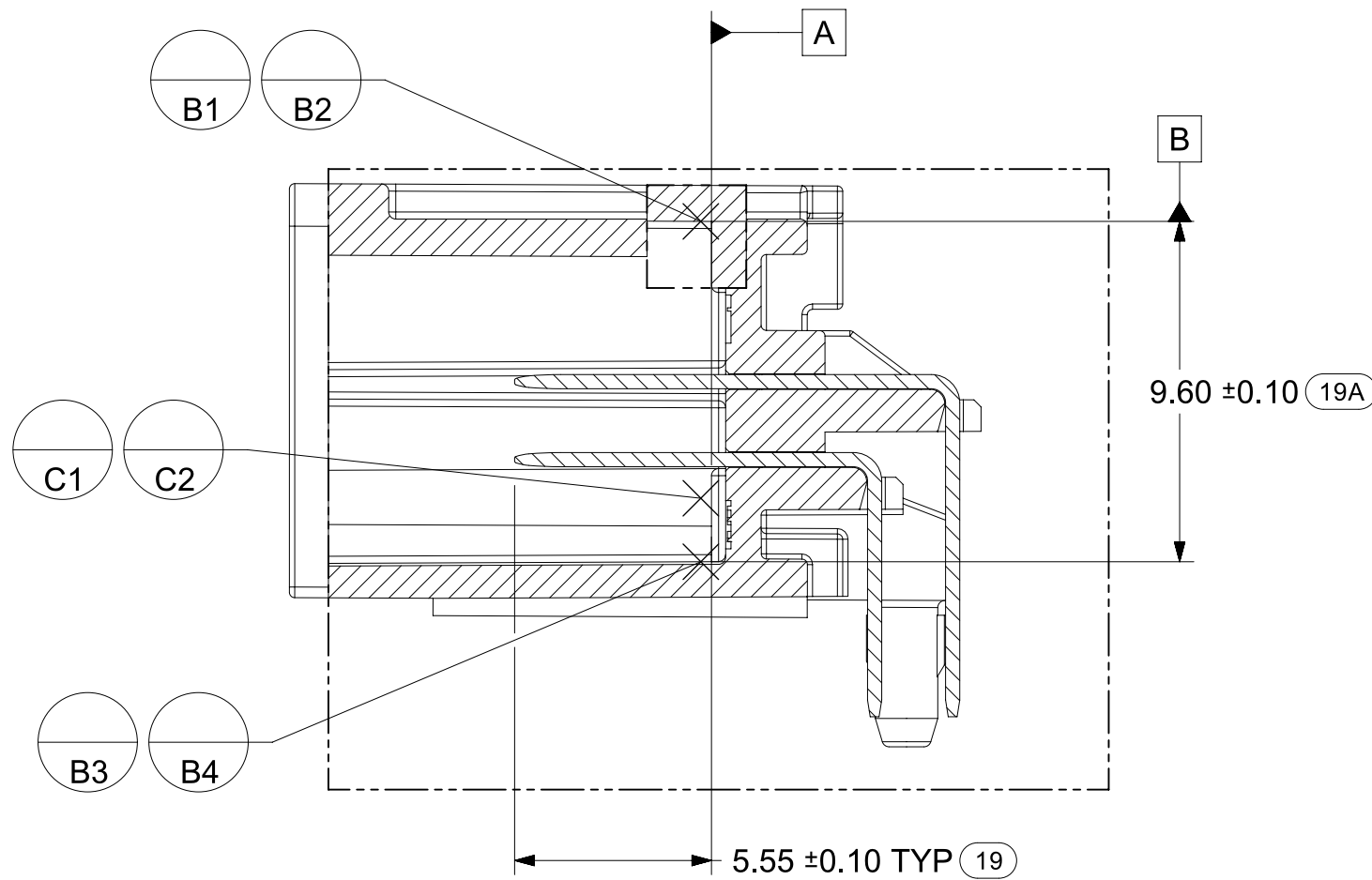
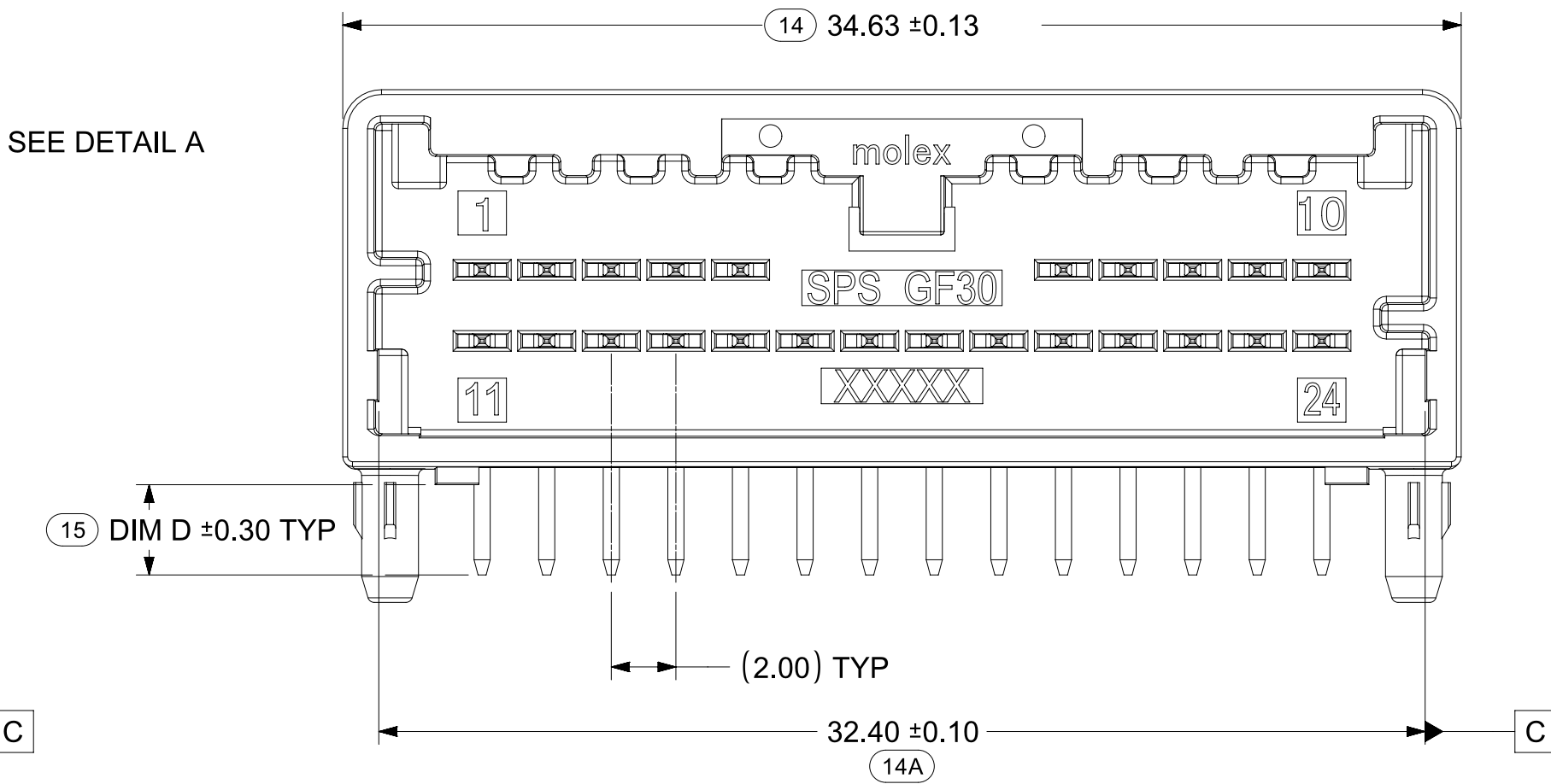
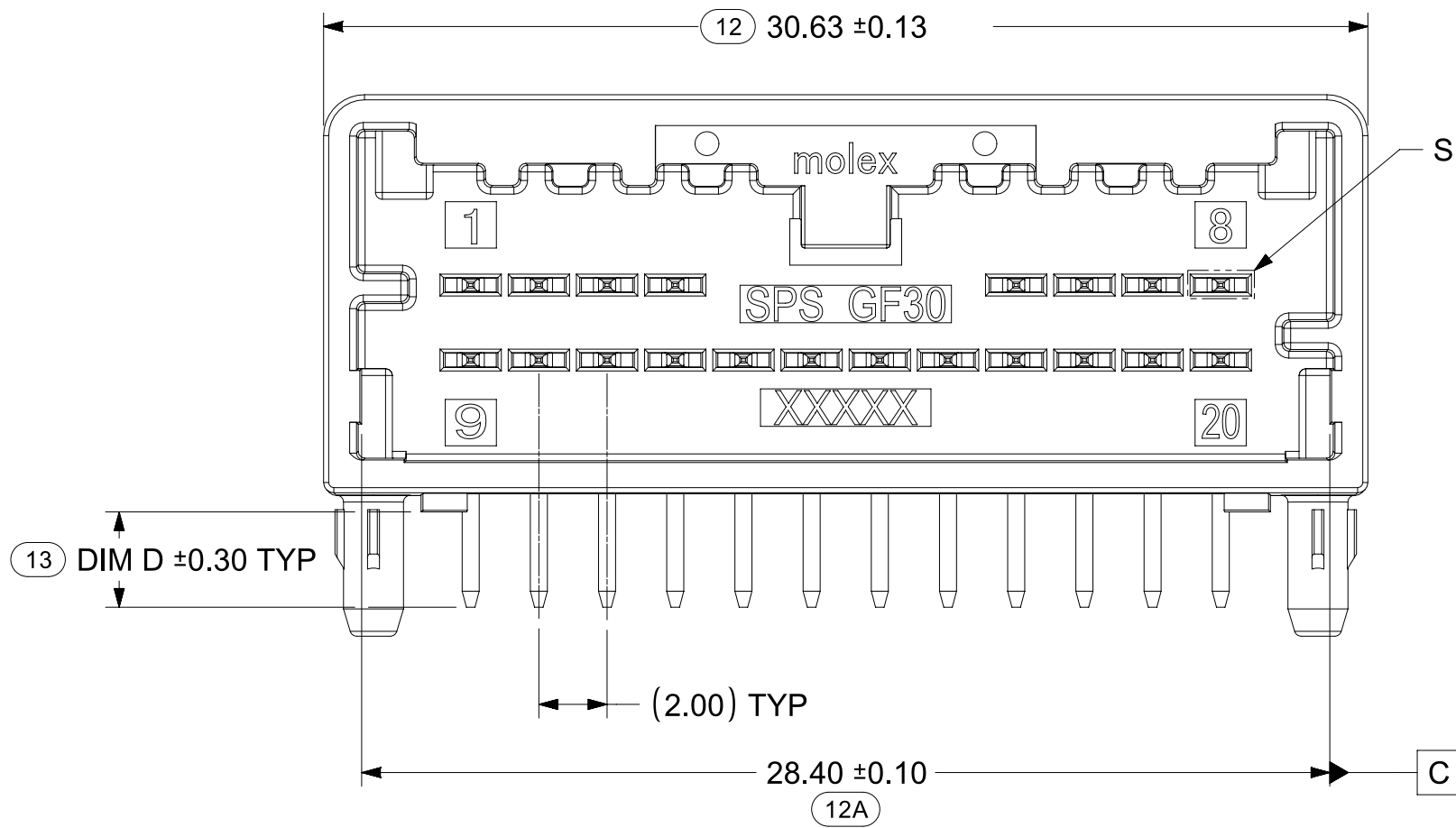
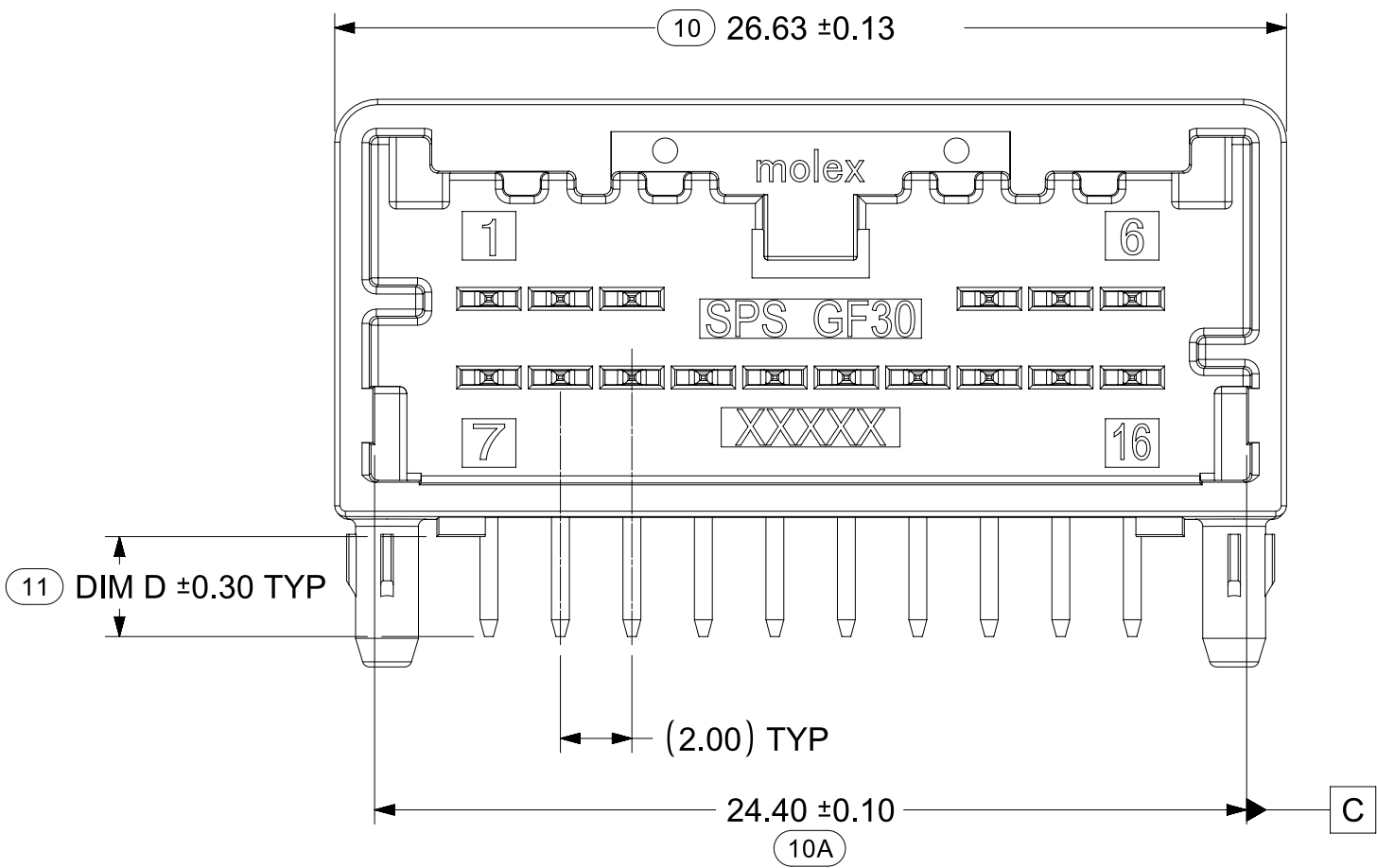
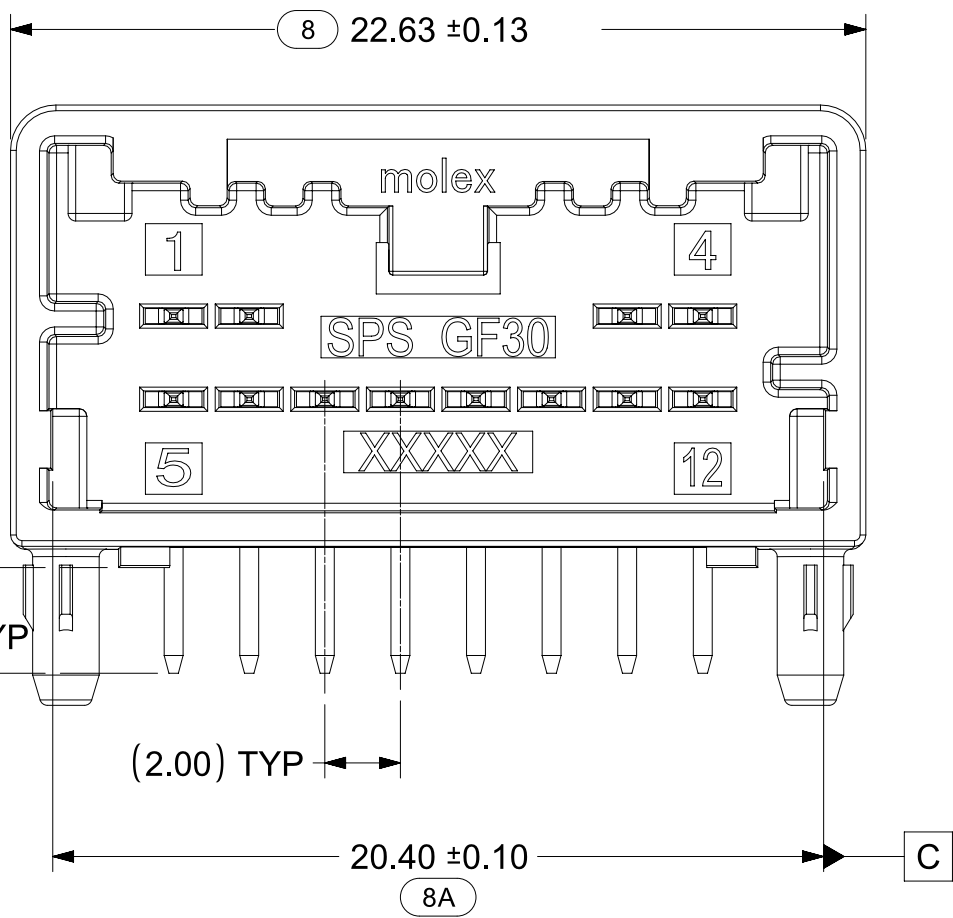
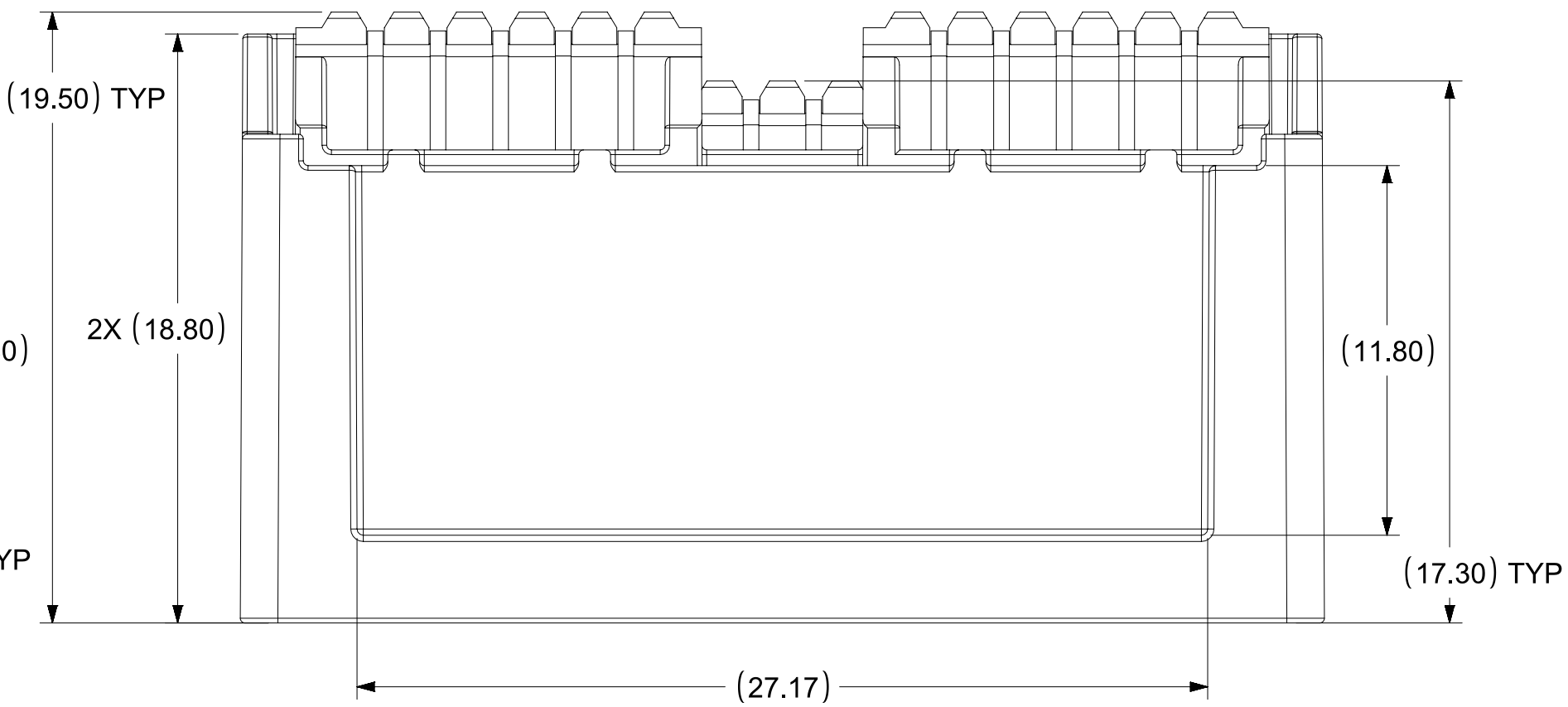
16 CIRCUIT



20 CIRCUIT



24 CIRCUIT



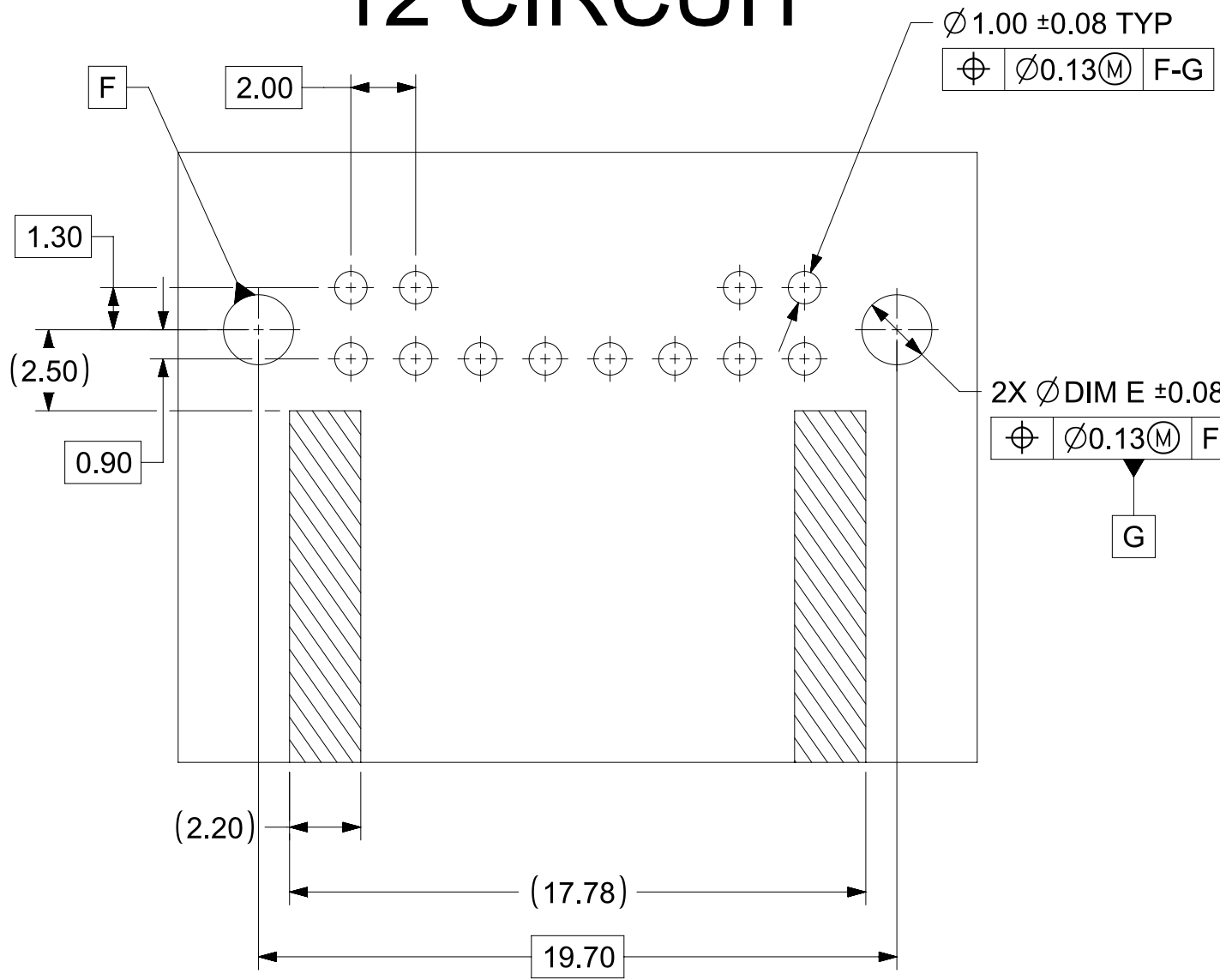
FUNCTIONAL SYMBOLS A = 0 C = 0 P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex MINI50 12-24CKT R/A SALES DRAWING PRODUCT SALES DRAWING									
	mm		5:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				DOCUMENT NUMBER						DOC TYPE	DOC PART	REVISION				
	ANGULAR TOL ± 3°				STATUS: Production DRWN: Gang Li CHK'D: Shanks Wu APPR: Colin Zhang			SD-34826-001			PSD	001	H7				
	4 PLACES		±											2023-09-20			
	3 PLACES		±											2023-09-20			
	2 PLACES		± 0.100											2023-09-25			
	1 PLACE		± 0.20		THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	0 PLACES		±				D-SIZE		34826				GENERAL MARKET		2 OF 4		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																	

PCB LAYOUT
BOARD SHOWN FOR REFERENCE ONLY

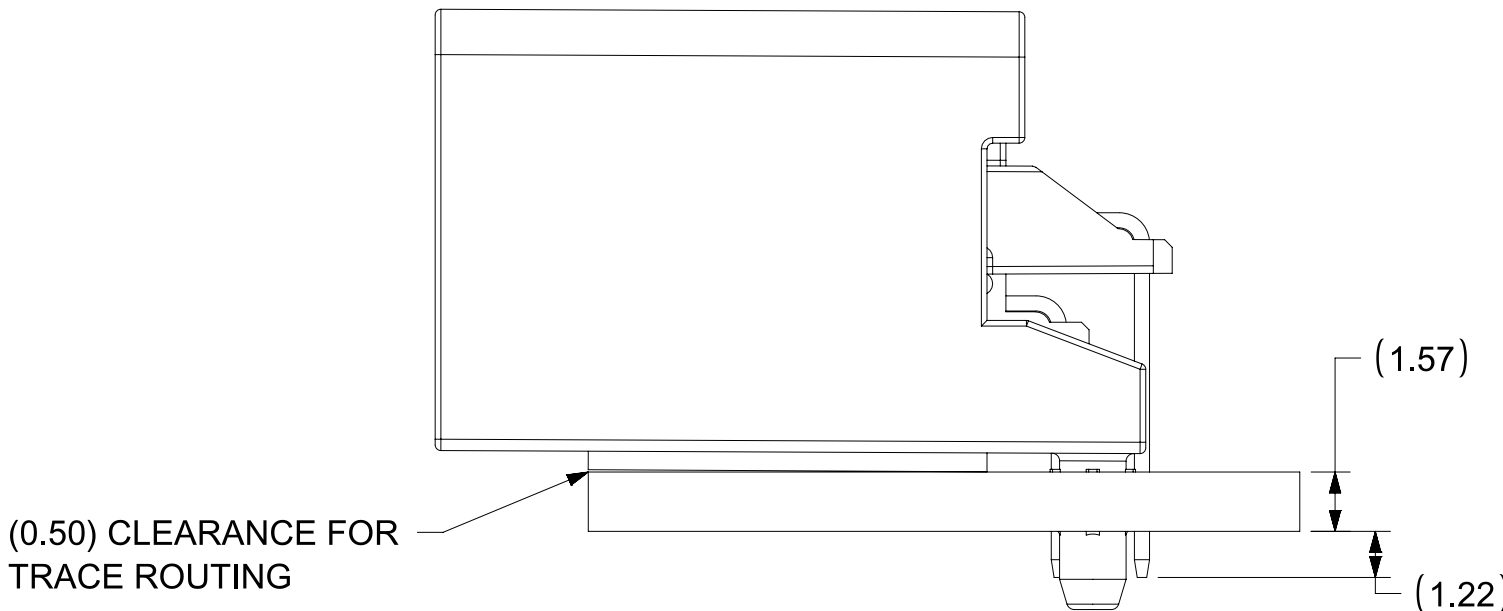
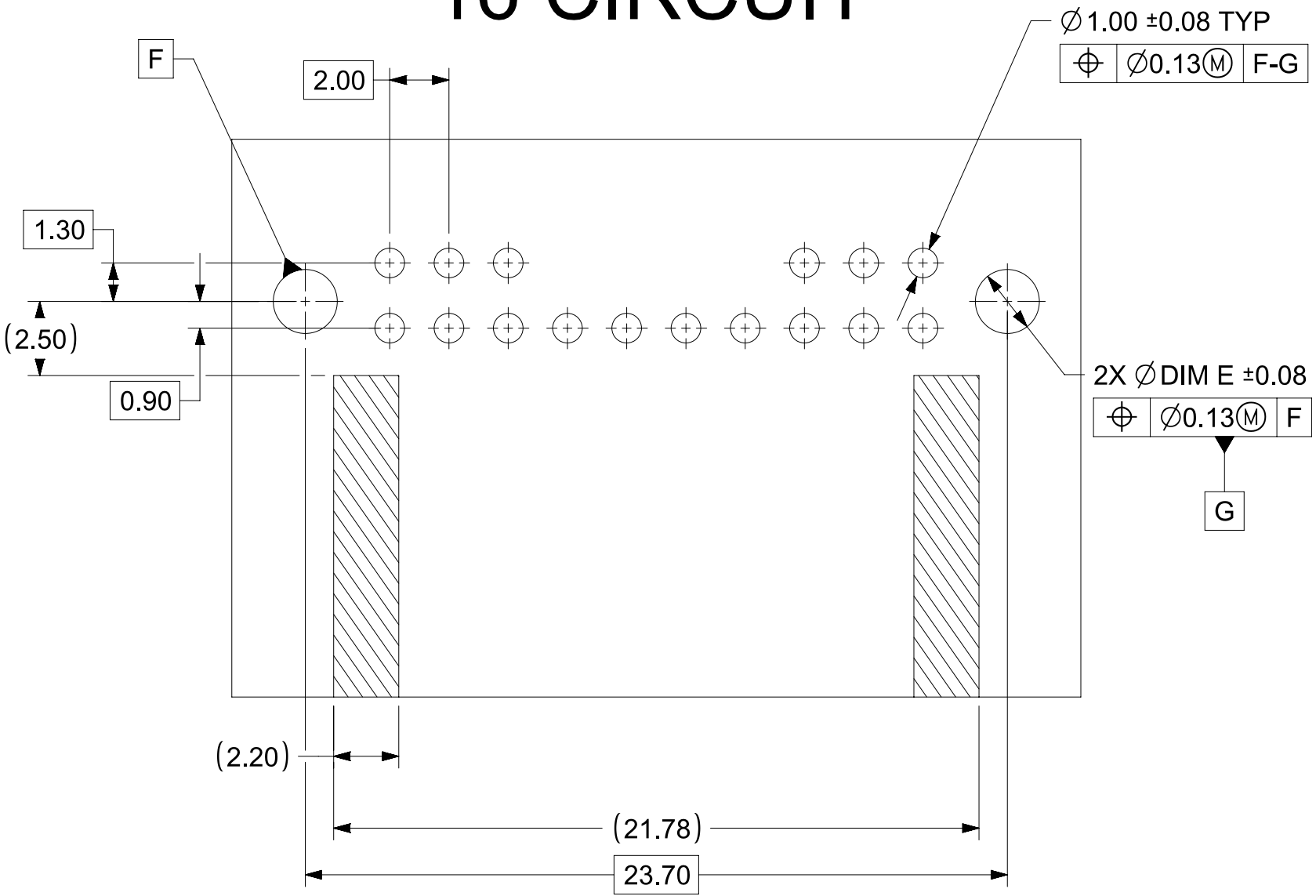
POST HOLE TABLE

	DIM E
PRESS FIT	2.15
DROP IN	2.55

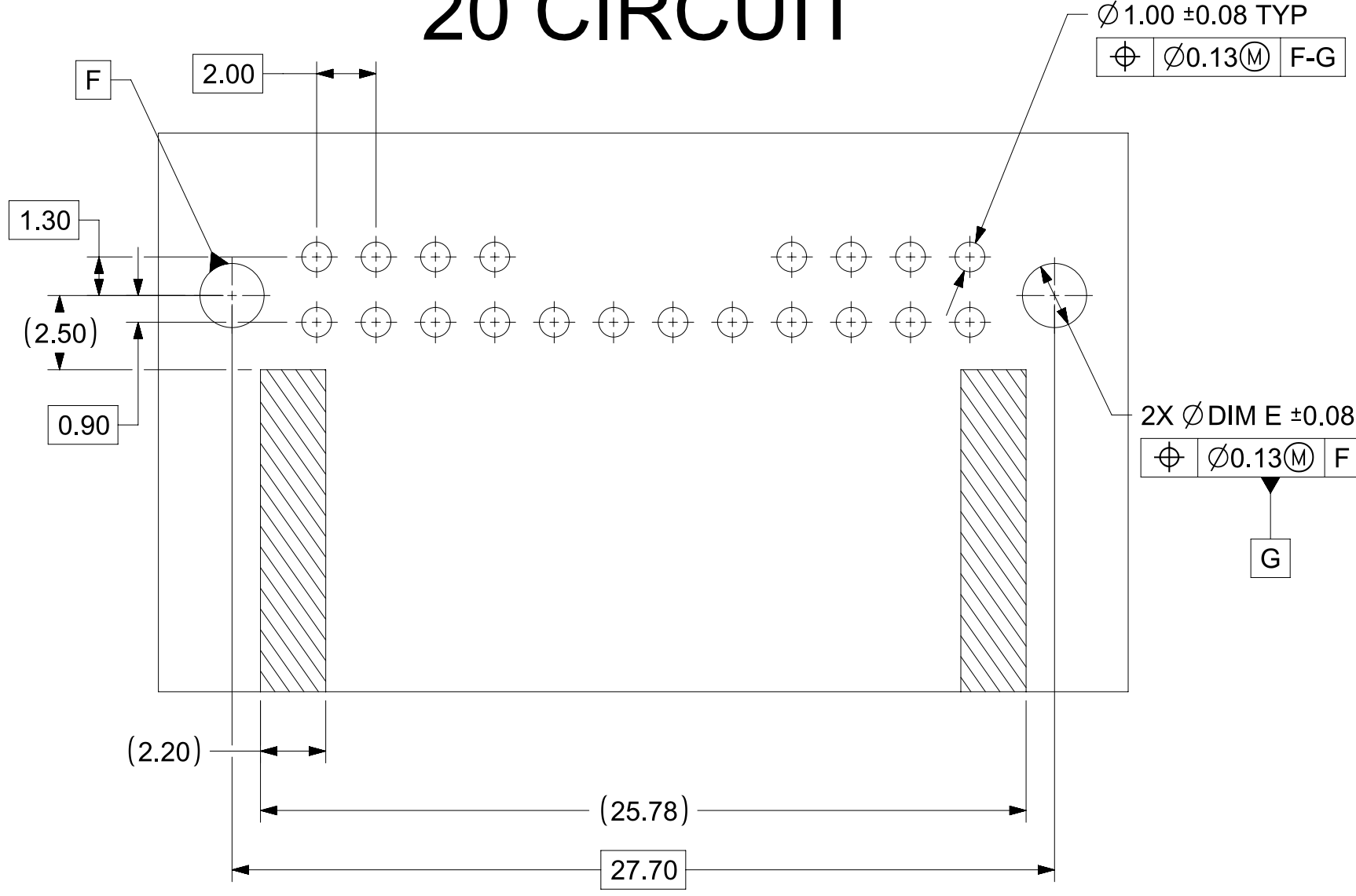
12 CIRCUIT



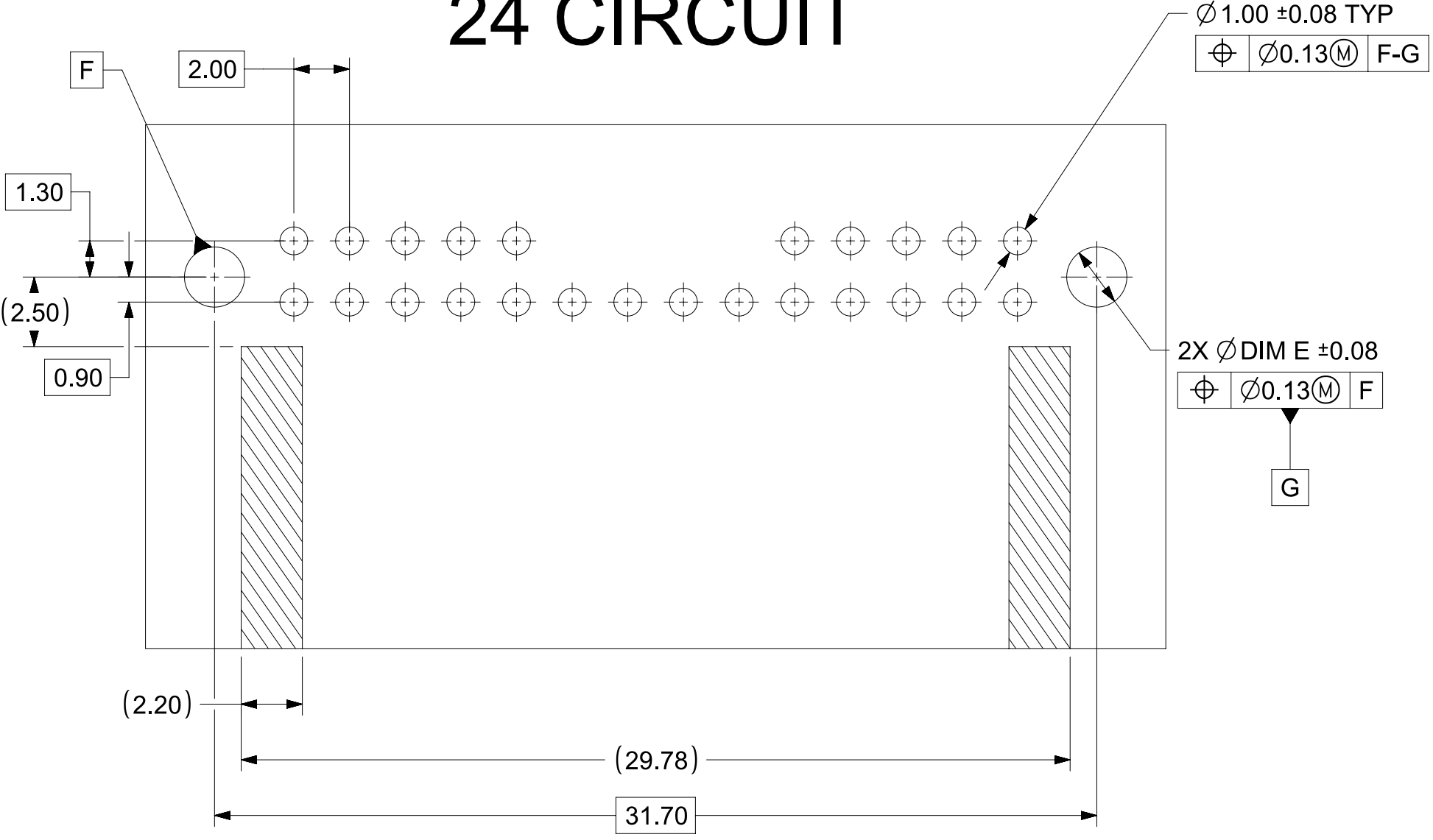
16 CIRCUIT



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 F A = 0 F C = 0 F P = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)					MINI50 12-24CKT R/A SALES DRAWING									
	ANGULAR TOL ± 3°														
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.100												
	1 PLACE		± 0.20			STATUS: Production DRWN: Gang Li 2023-09-20 CHK'D: Shanks Wu 2023-09-20 APPR: Colin Zhang 2023-09-25			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	0 PLACES		±						SD-34826-001		PSD	001	H7		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						D-SIZE		34826				GENERAL MARKET		3 OF 4	

MINI50 RIGHT ANGLE HEADER ASSEMBLIES

CIRCUIT	DIM D	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 ^(H6) CIRCUITS
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
		A	BLACK	34826-8207	34826-9207	34826-0207	TIN		6, 18
	3.30	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
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

[illegible]