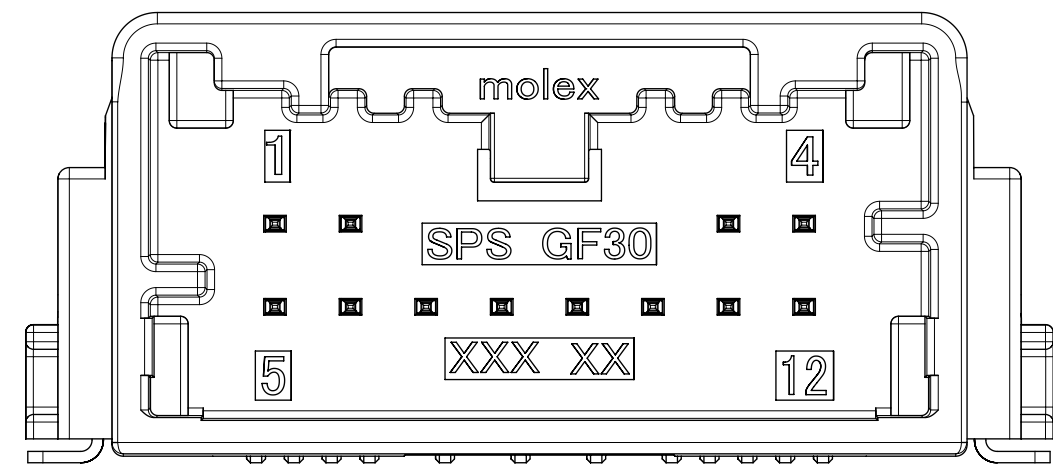
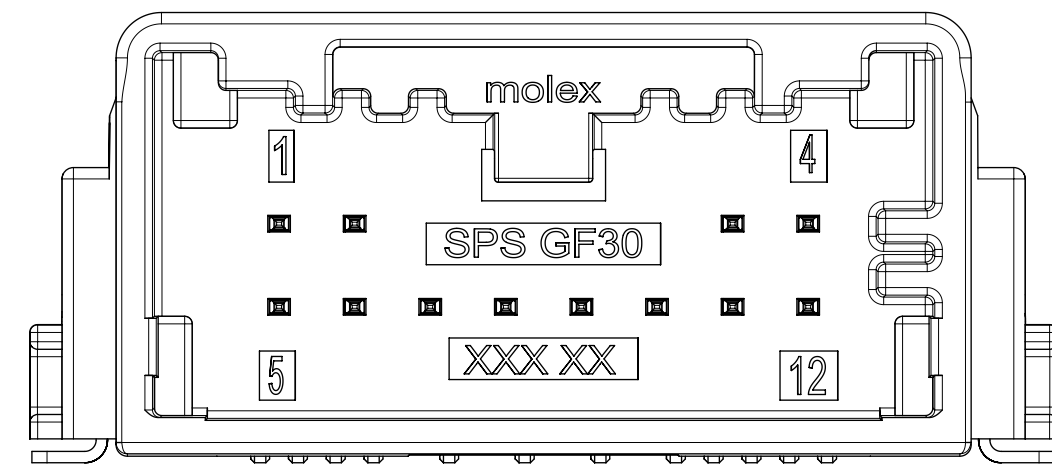


12 CIRCUIT SMT USCAR HEADER
POLARIZATION OPTION A

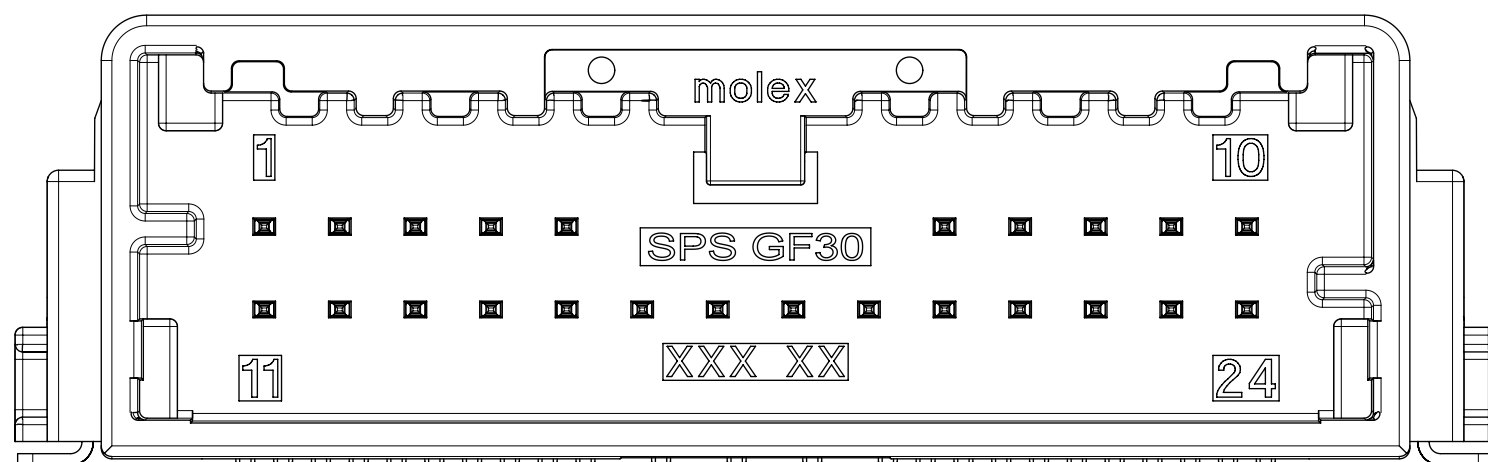


12 CIRCUIT SMT USCAR HEADER
POLARIZATION OPTION B

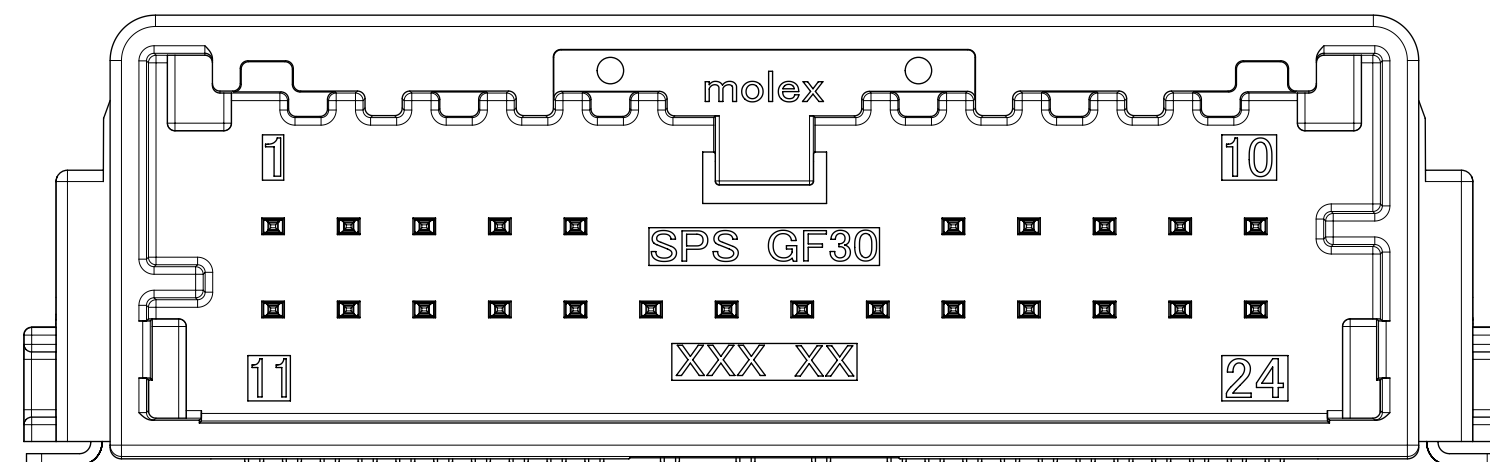


12 CIRCUIT SMT USCAR HEADER
POLARIZATION OPTION C

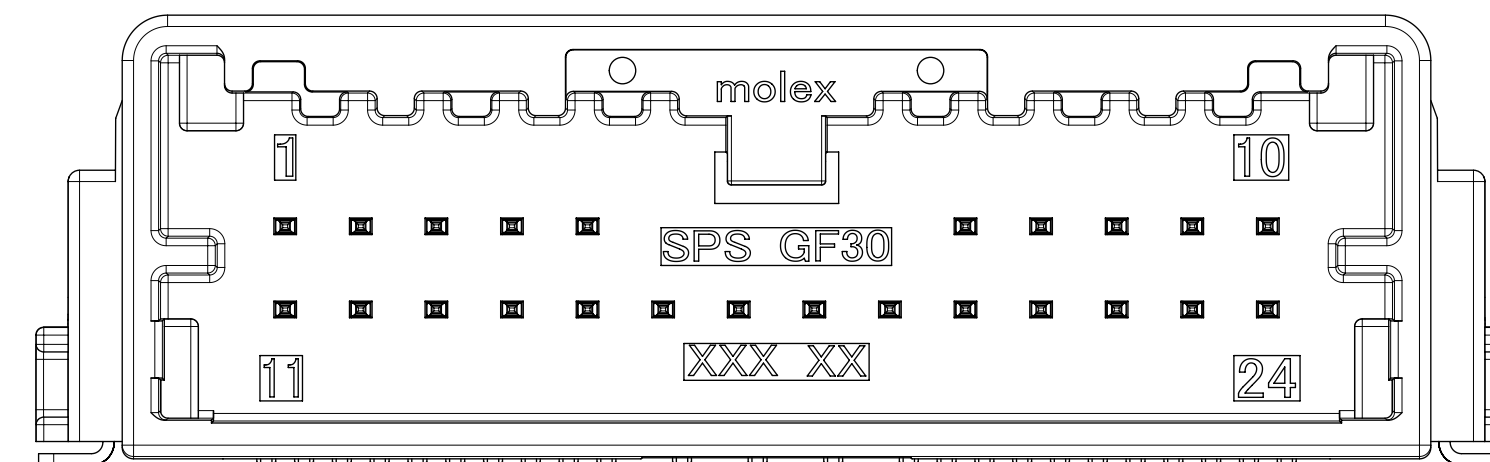
24CKT POLARIZATION OPTIONS SHOWN BELOW
ARE REPRESENTATIVE FOR 16 AND 20CKT



24 CIRCUIT SMT HEADER
POLARIZATION OPTION A



24 CIRCUIT SMT HEADER
POLARIZATION OPTION B



24 CIRCUIT SMT HEADER
POLARIZATION OPTION C

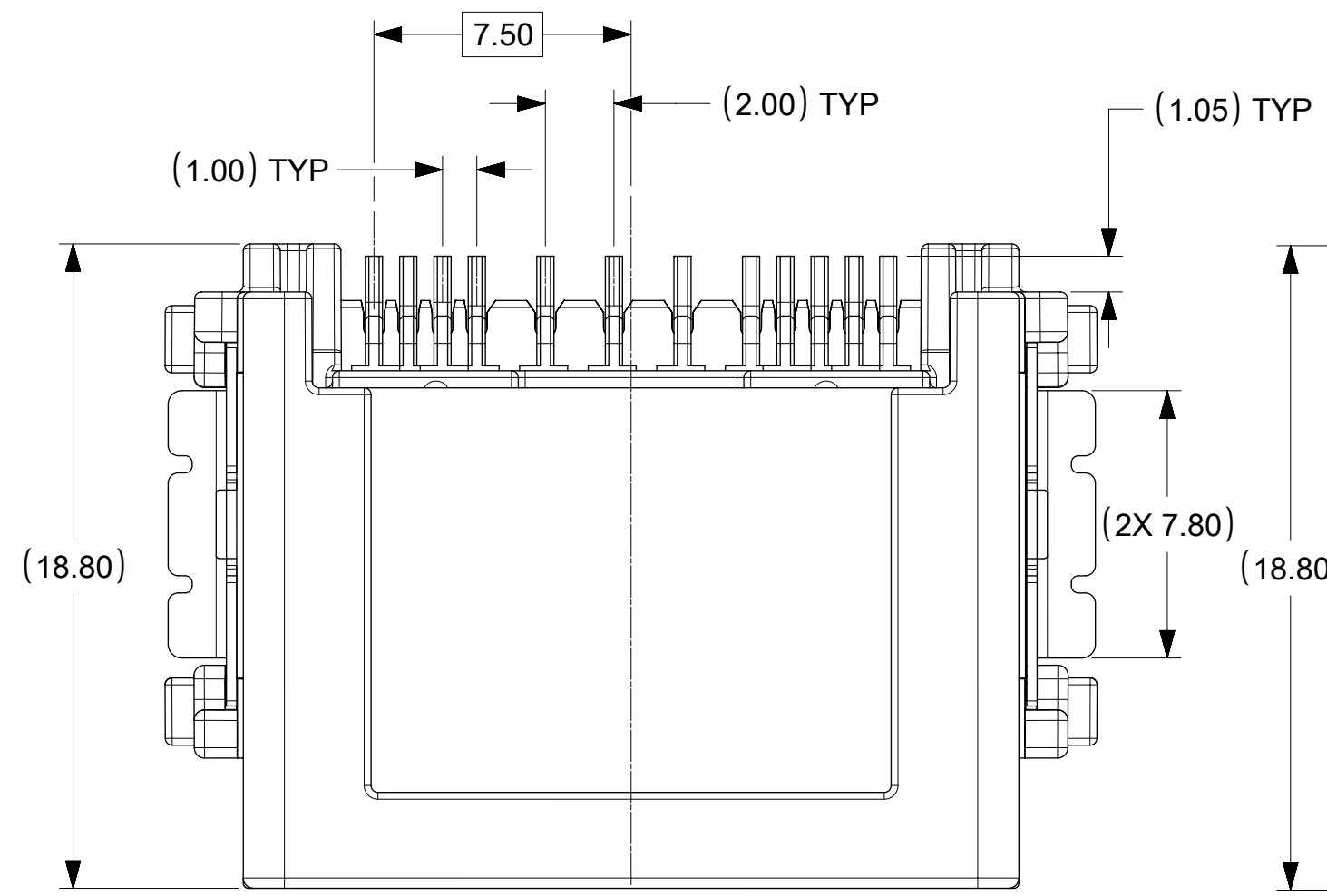
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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, 25% REGRIND MAX PER WEIGHT
 - b. BLADES:
 - BASE METAL: C260 BRASS
 - PLATING REQUIREMENTS:
 - TIN:
 - UNDERPLATING:
 - OVERALL NICKEL: 1.25 - 2.25 MICROMETERS
 - OVERPLATING:
 - OVERALL TIN: 2.5 - 4.0 MICROMETERS
 - GOLD:
 - UNDERPLATING:
 - OVERALL NICKEL: 1.25 - 2.25 MICROMETERS
 - OVERPLATING:
 - CONTACT AREA: ELECTRODEPOSITED GOLD
 - MINIMUM 0.76 MICROMETERS HARD GOLD
 - PCB CONTACT AREA: ELECTRODEPOSITED TIN MATTE FINISH
 - MINIMUM 2.5 - 4.0 MICROMETERS
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 BELOW SURROUNDING SURFACE OF PART. THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, VENDOR ID, AND CIRCUIT ID.

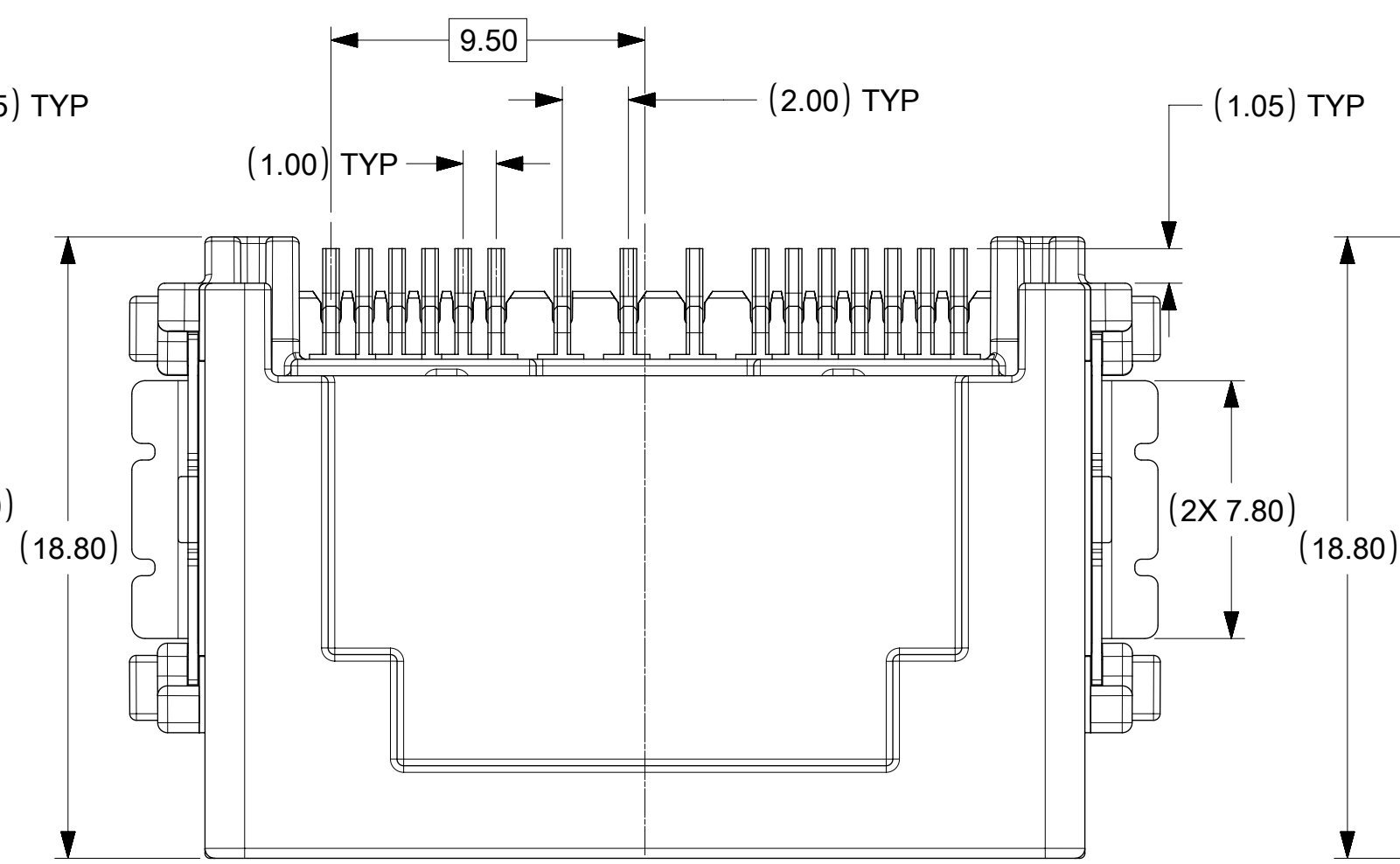
INSPECTION BALLON NUMBER LOG	
PER DRAWING REVISION: W7	W7 UPDATED INSPECTION LOG, CHANGED DESCRIPTION, ADDED BASIC DIMS TO SHEET 2
LAST BALLOON USED: 16	W6 DELETED 34897-6164
ADDED BALLOON NUMBERS:	W5 ADDED DIM BALLOON 15 & 16
	W4 ADDED 16CKT GOLD DEPOPULATED POL A P/N
	W3 NX REMASTERING
REMOVED BALLOON NUMBERS:	REV DESCRIPTION

QUALITY SYMBOLS □ = 0 ▽ = 0 ▽ = 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		GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: MM ONLY SCALE: 5:1 DRWN BY: TMACHUGA DATE: 2011/11/23 CHKD BY: SMARCEAU DATE: 2011/12/19 APPR BY: SMARCEAU DATE: 2011/12/19 DRAWING SIZE: D THIRD ANGLE PROJECTION		<p>MINI 50 DUAL ROW SMT HEADER ASSEMBLY SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>SERIES: 34897 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET</p> <p>DOCUMENT NUMBER: SD-34897-001 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 5</p>
	EC NO: 624745 DRWN: SRUSS CHKD: JDUNAJ REV APPR: JDUNAJ	2019/09/11 2019/09/26 2019/09/26	DIMENSION UNITS: MM ONLY SCALE: 5:1 DRWN BY: TMACHUGA DATE: 2011/11/23 CHKD BY: SMARCEAU DATE: 2011/12/19 APPR BY: SMARCEAU DATE: 2011/12/19 DRAWING SIZE: D THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: MM ONLY SCALE: 5:1 DRWN BY: TMACHUGA DATE: 2011/11/23 CHKD BY: SMARCEAU DATE: 2011/12/19 APPR BY: SMARCEAU DATE: 2011/12/19 DRAWING SIZE: D THIRD ANGLE PROJECTION	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: MM ONLY SCALE: 5:1 DRWN BY: TMACHUGA DATE: 2011/11/23 CHKD BY: SMARCEAU DATE: 2011/12/19 APPR BY: SMARCEAU DATE: 2011/12/19 DRAWING SIZE: D THIRD ANGLE PROJECTION		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: MM ONLY SCALE: 5:1 DRWN BY: TMACHUGA DATE: 2011/11/23 CHKD BY: SMARCEAU DATE: 2011/12/19 APPR BY: SMARCEAU DATE: 2011/12/19 DRAWING SIZE: D THIRD ANGLE PROJECTION		

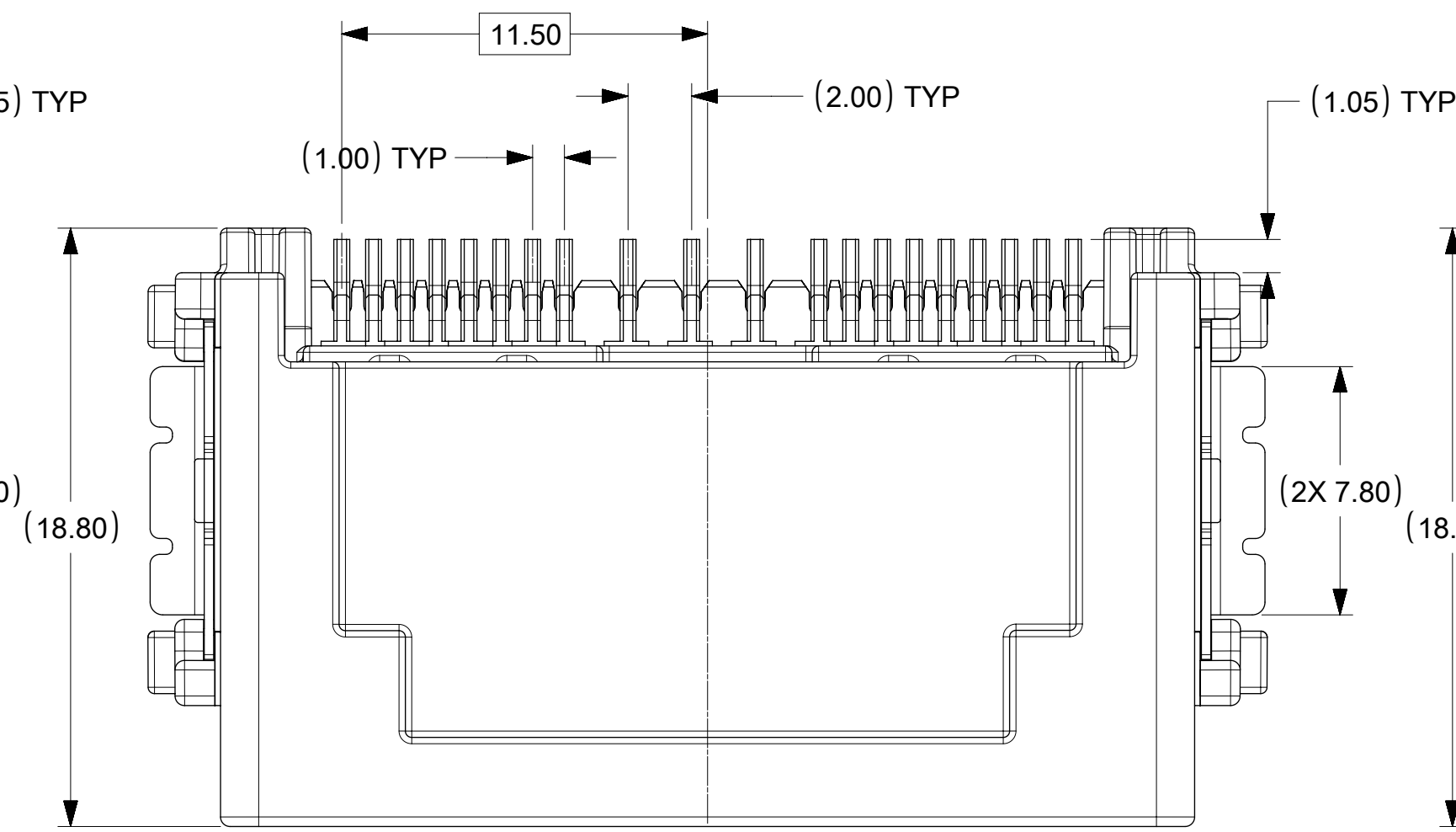
12 CKT SMT USCAR HEADER



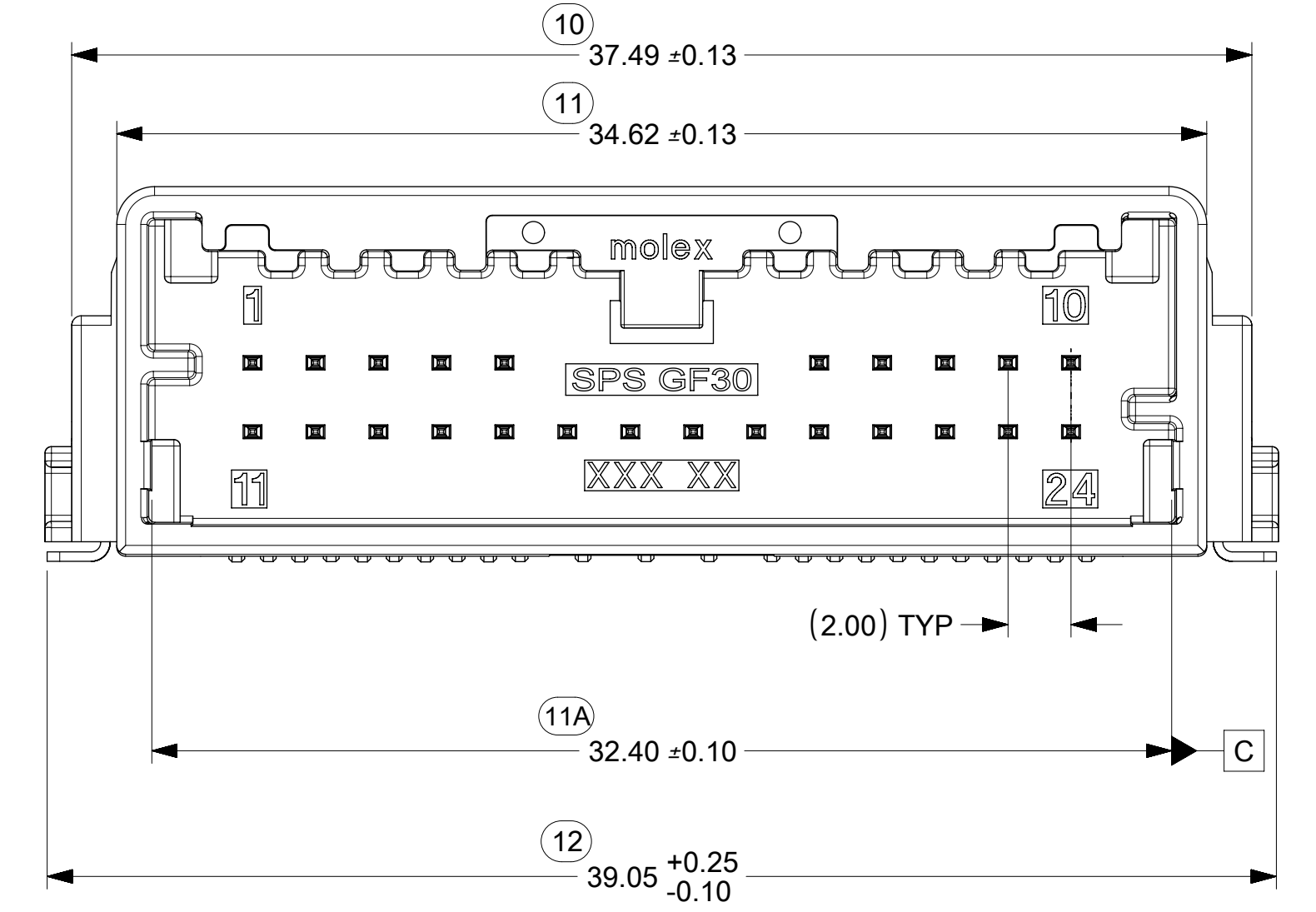
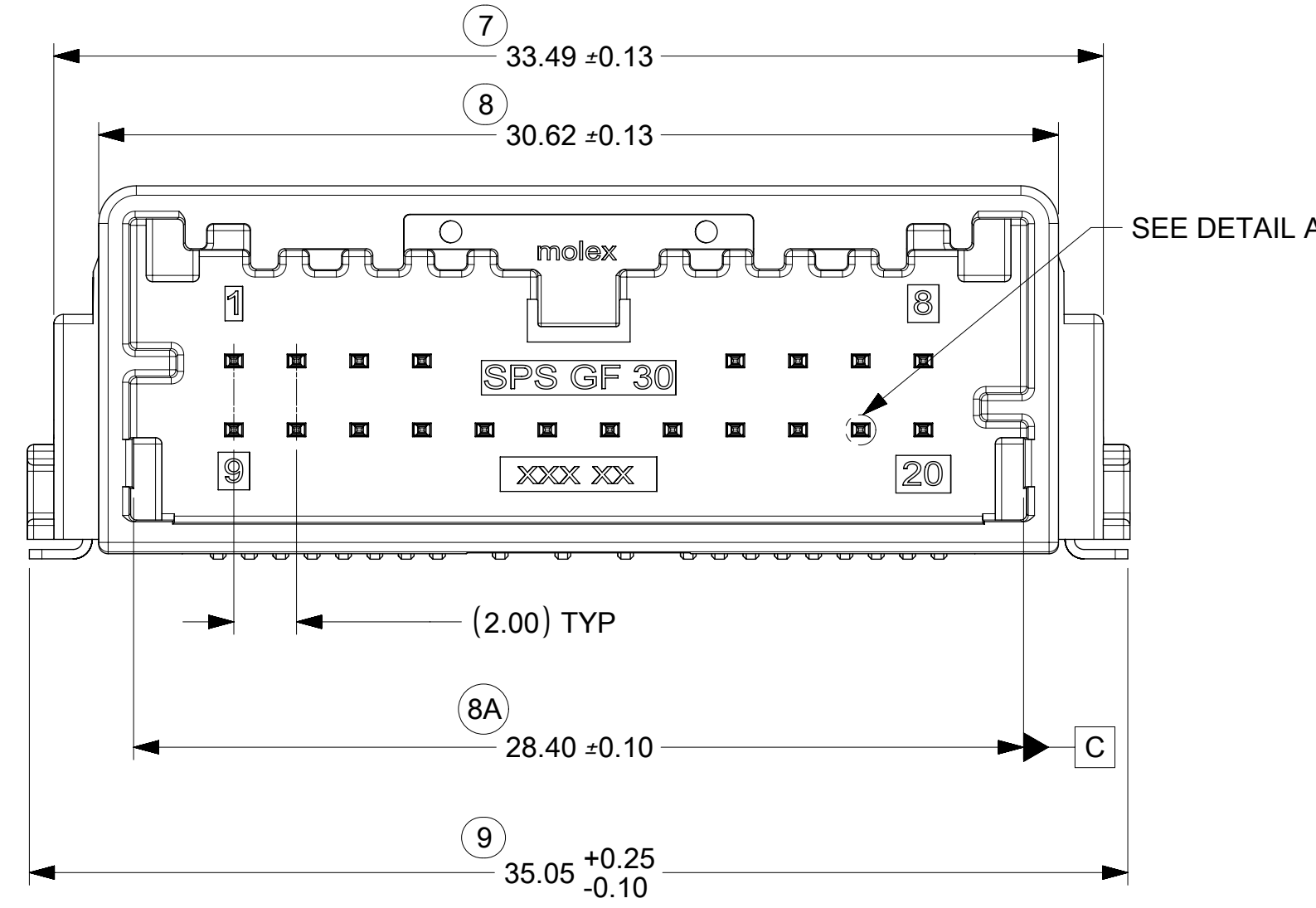
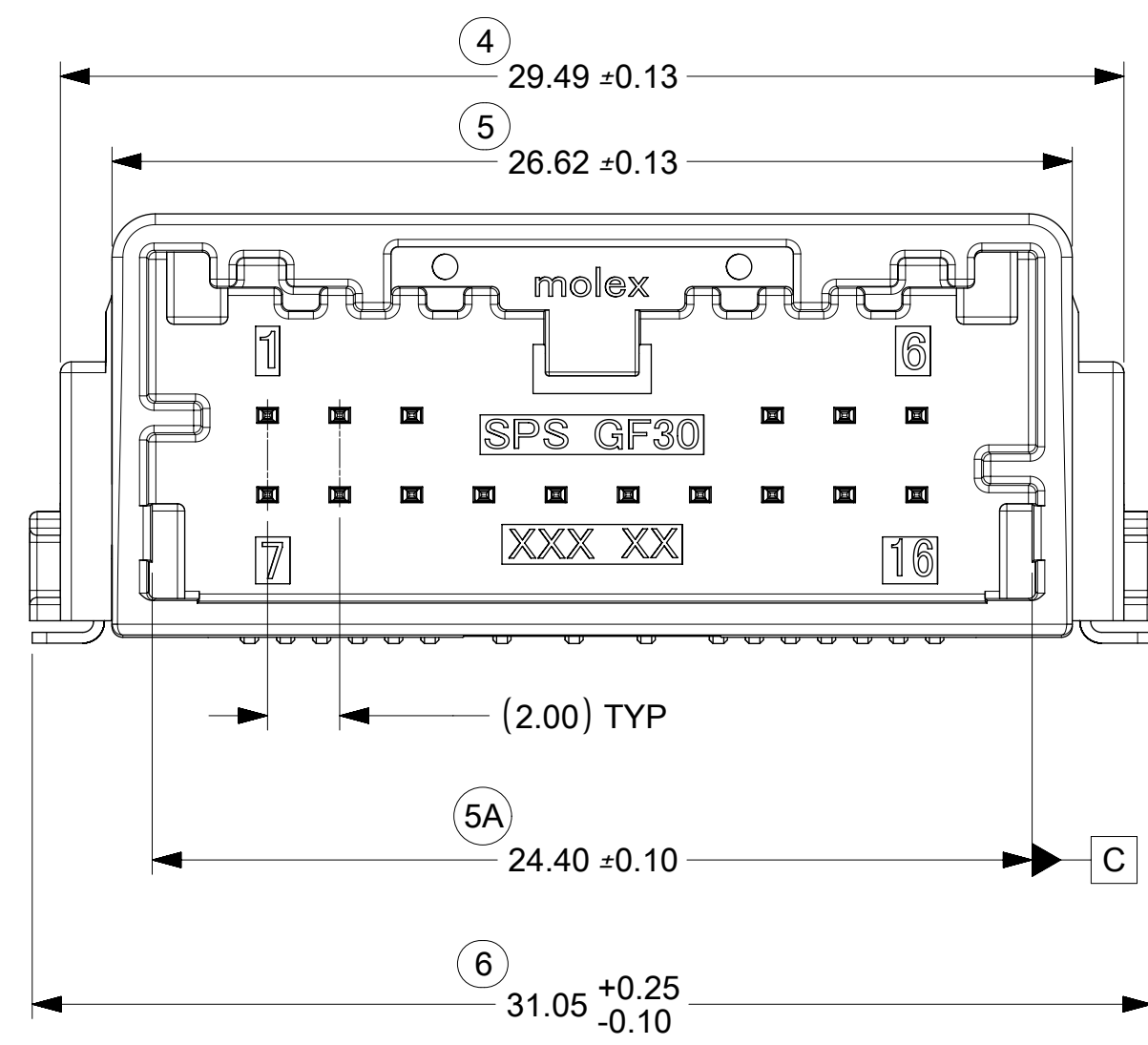
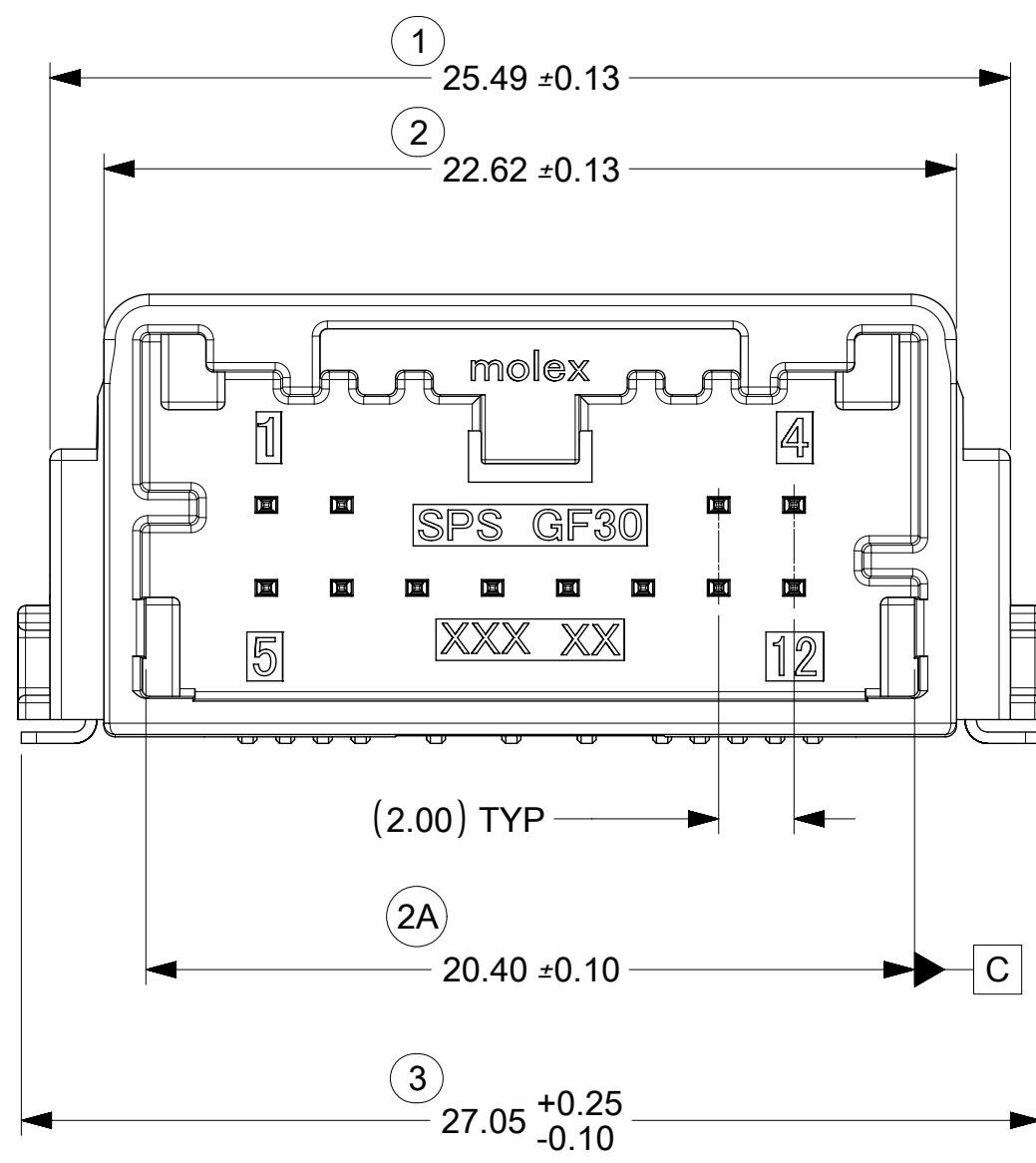
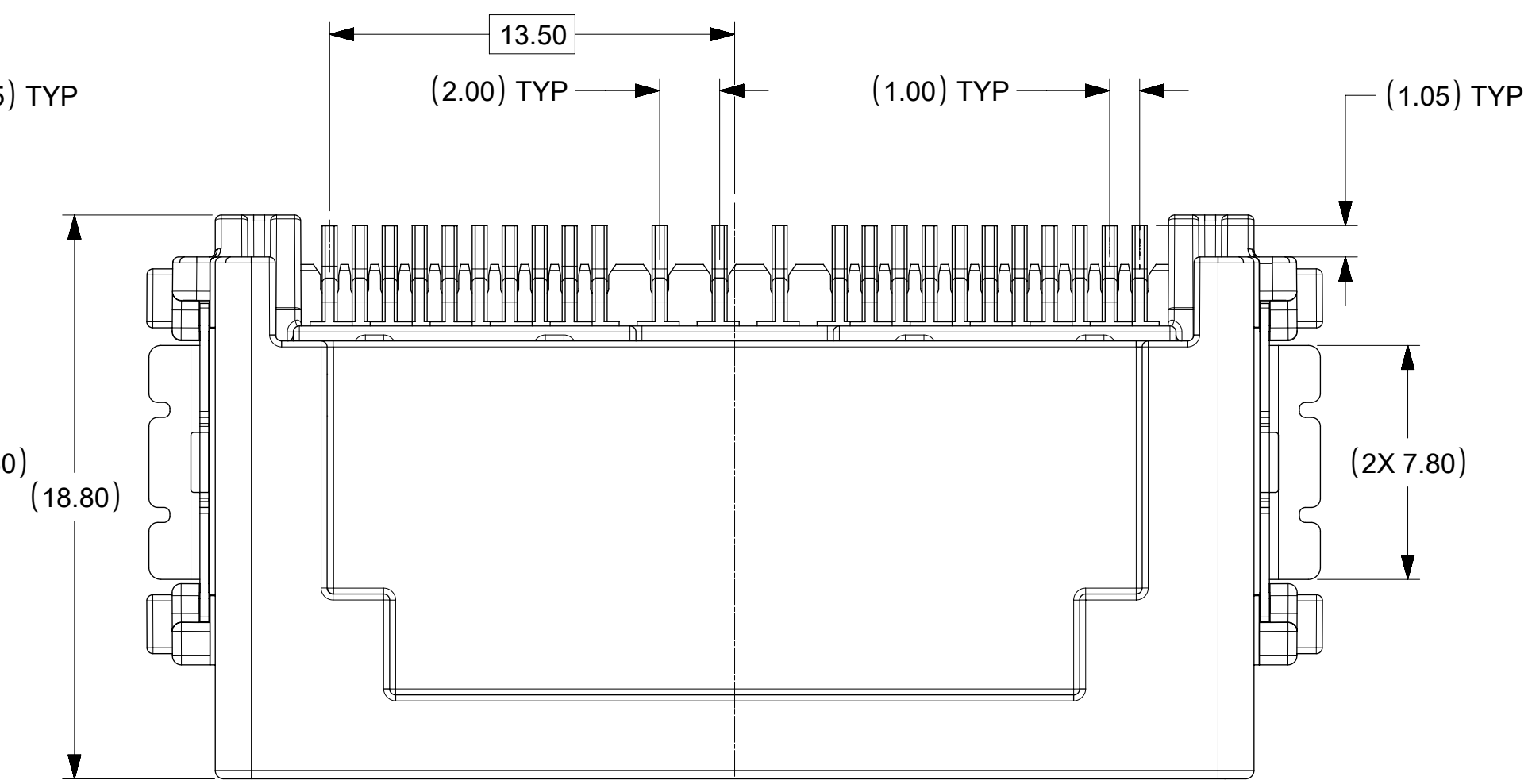
16 CKT SMT HEADER



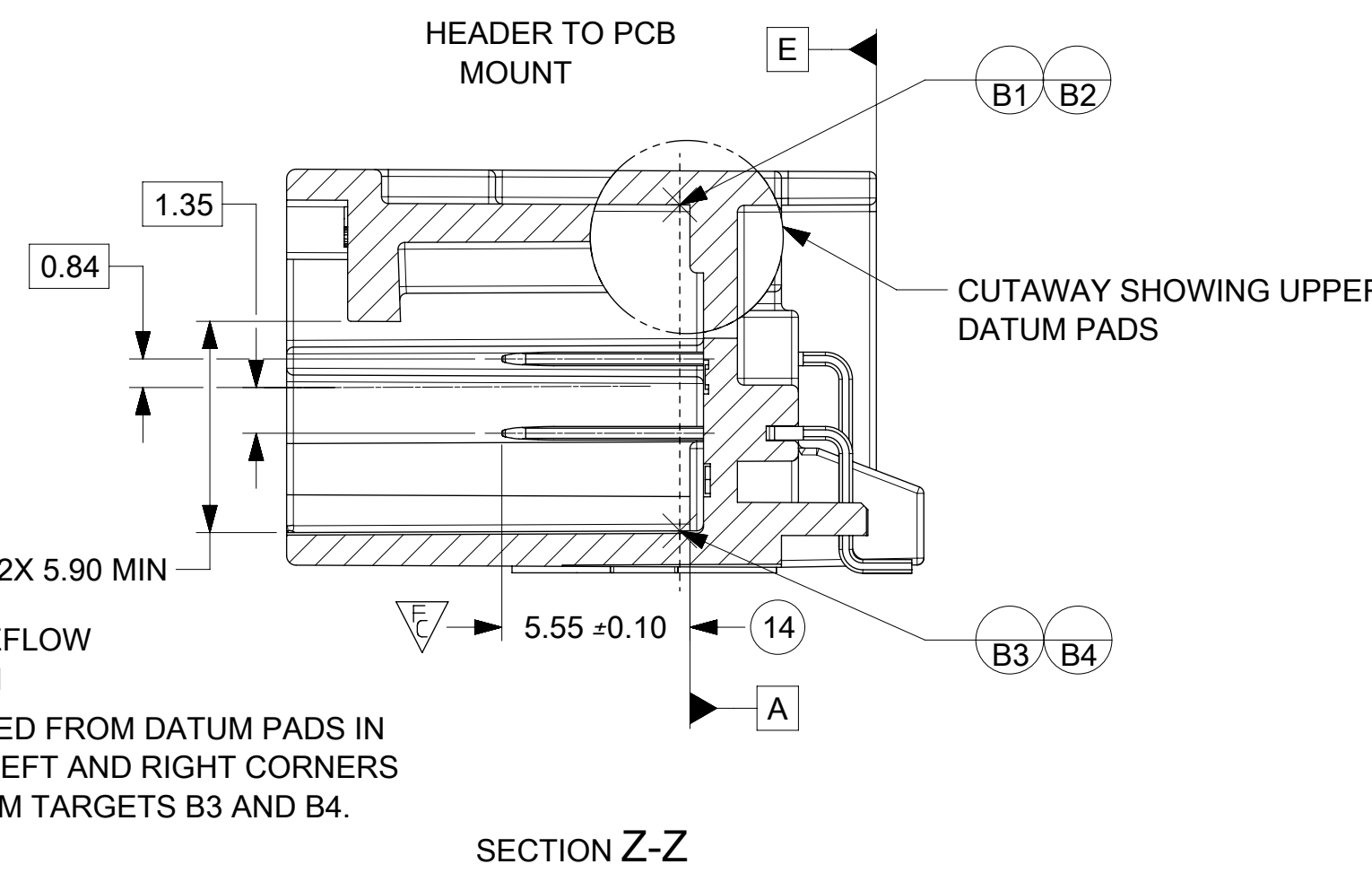
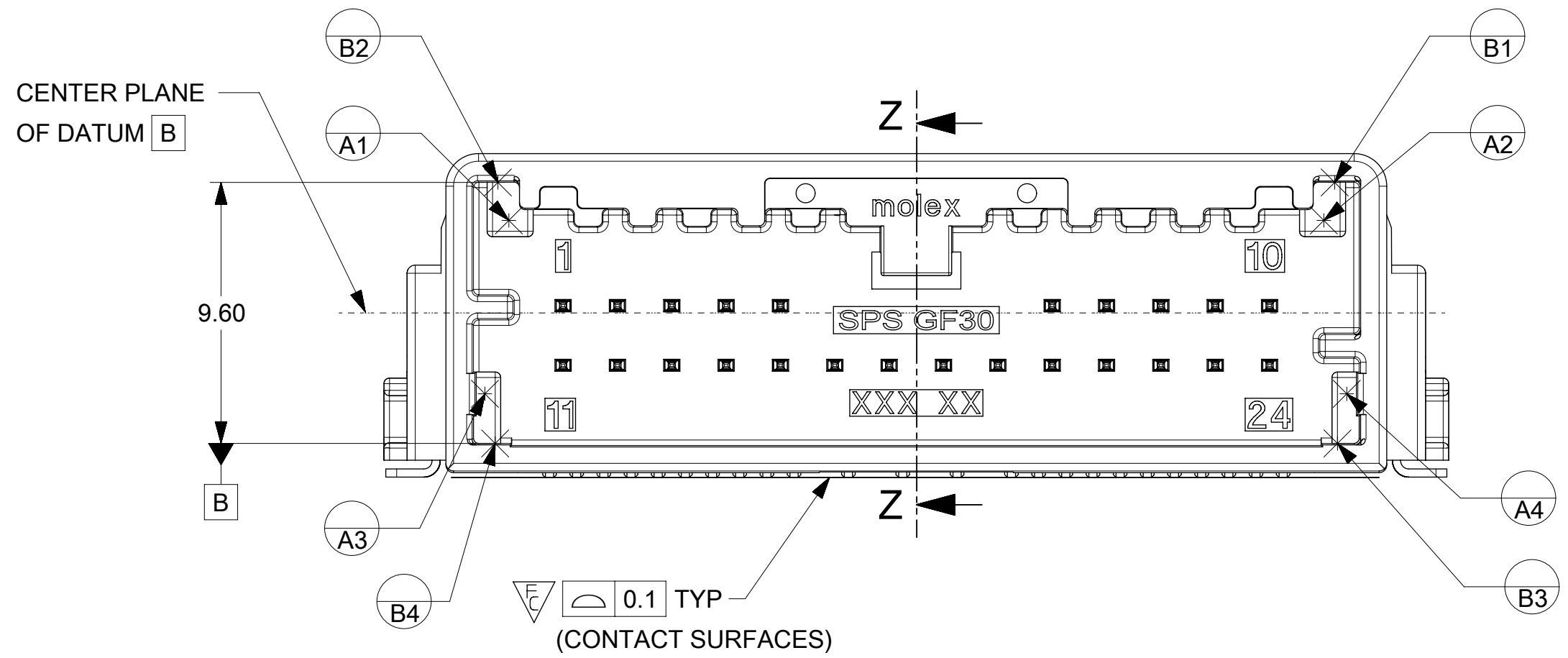
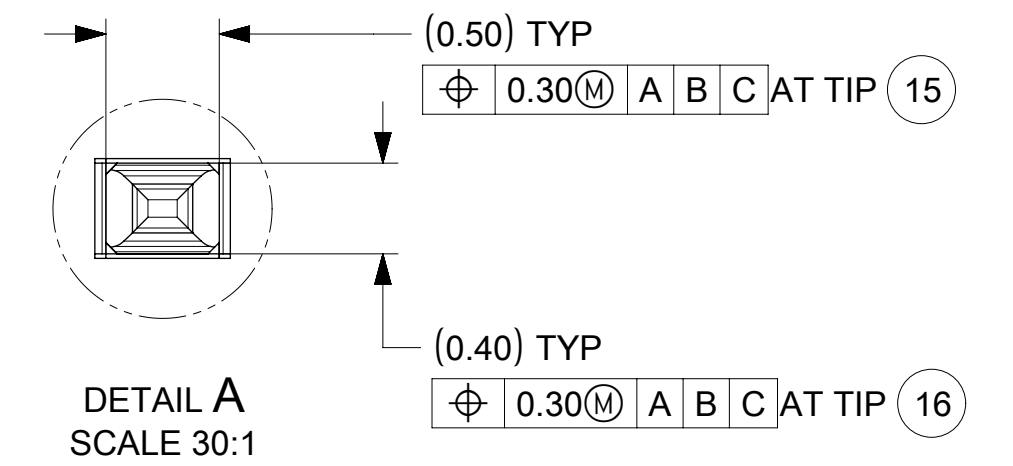
20 CKT SMT HEADER



24 CKT SMT HEADER



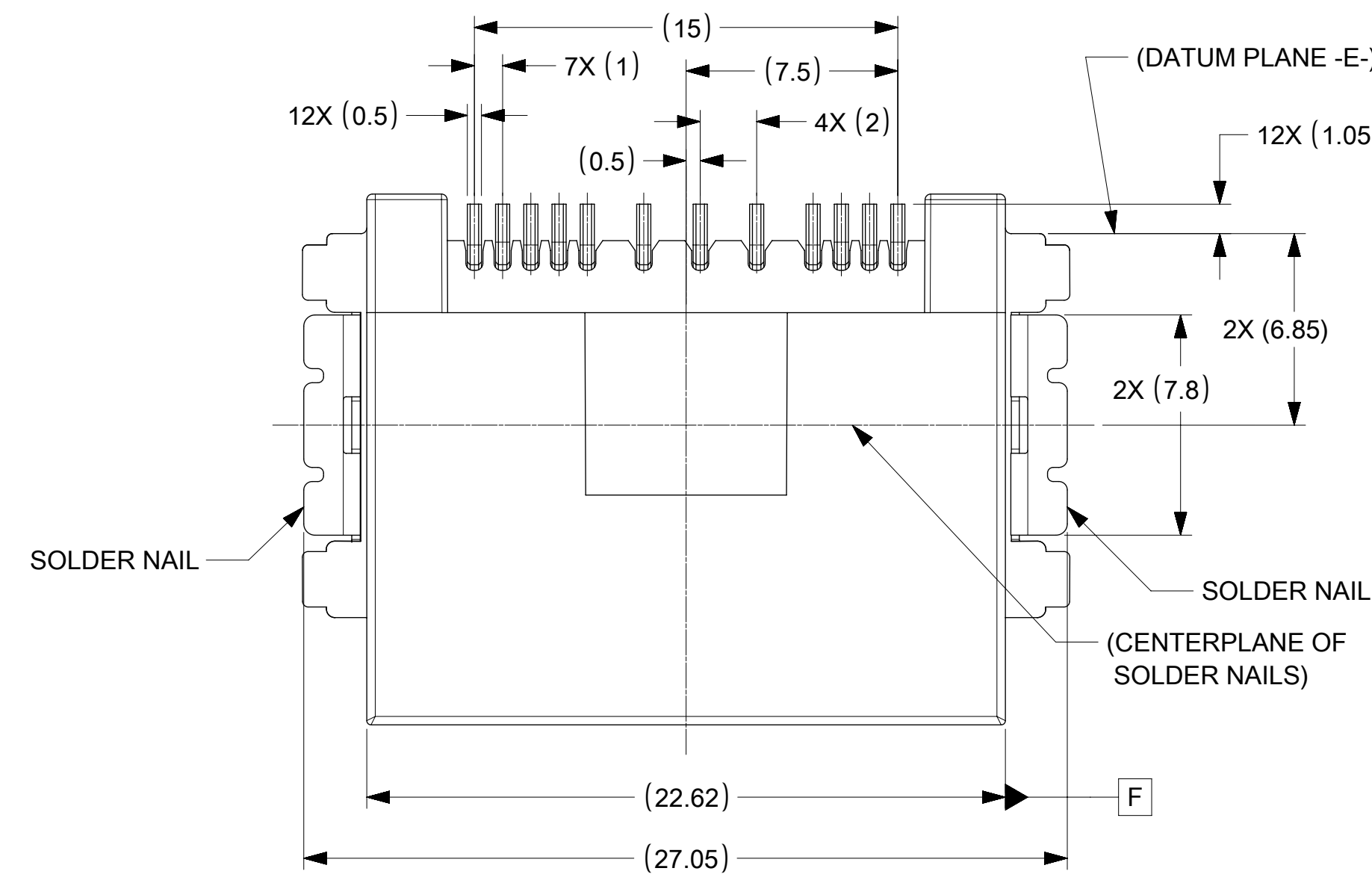
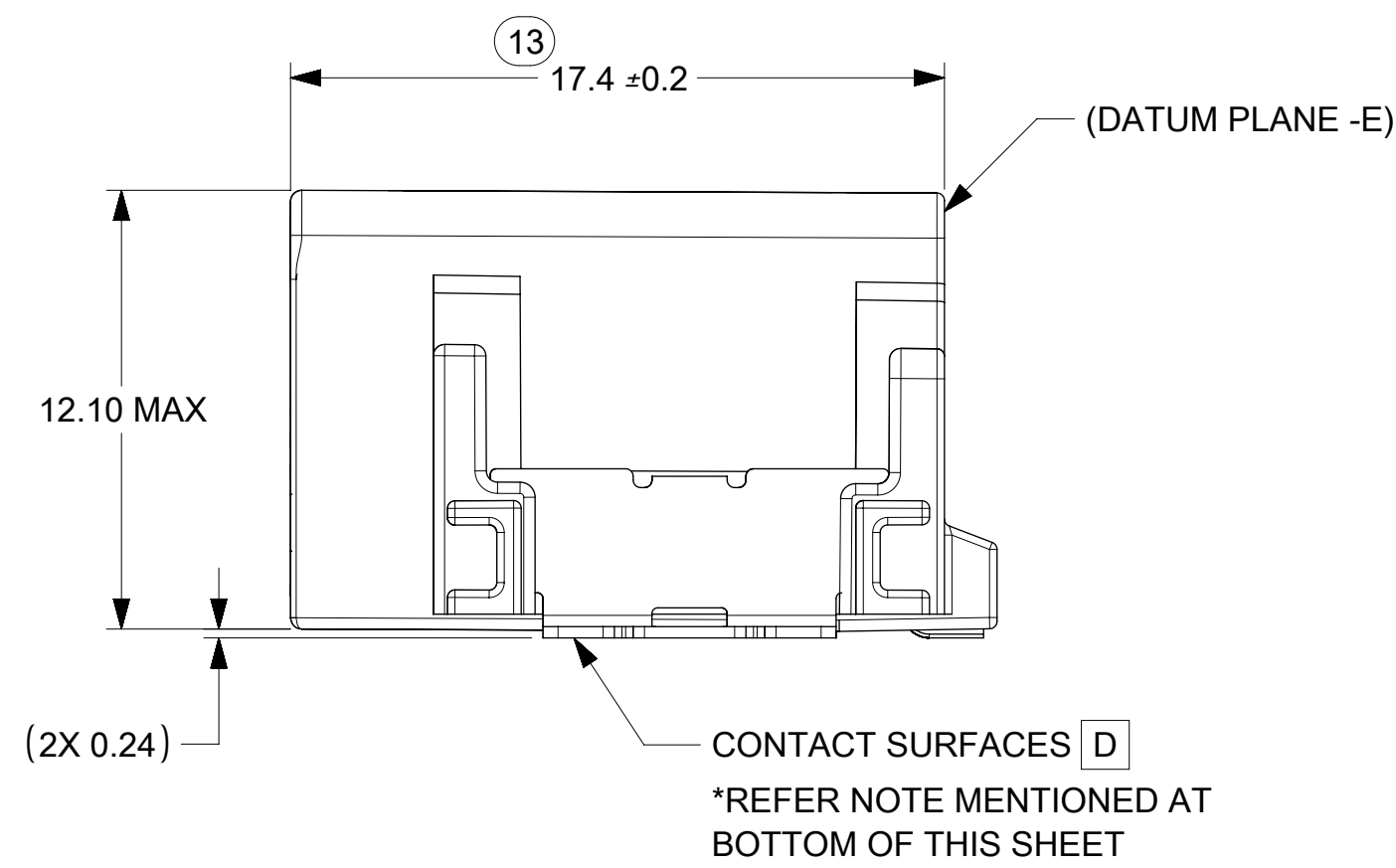
POST-REFLOW MINIMUM LATCH HEIGHT
24 CKT HEADER ASSEMBLY SHOWN AS EXAMPLE



*POST REFLOW MINIMUM MEASURED FROM DATUM PADS IN LOWER LEFT AND RIGHT CORNERS TO DATUM TARGETS B3 AND B4.

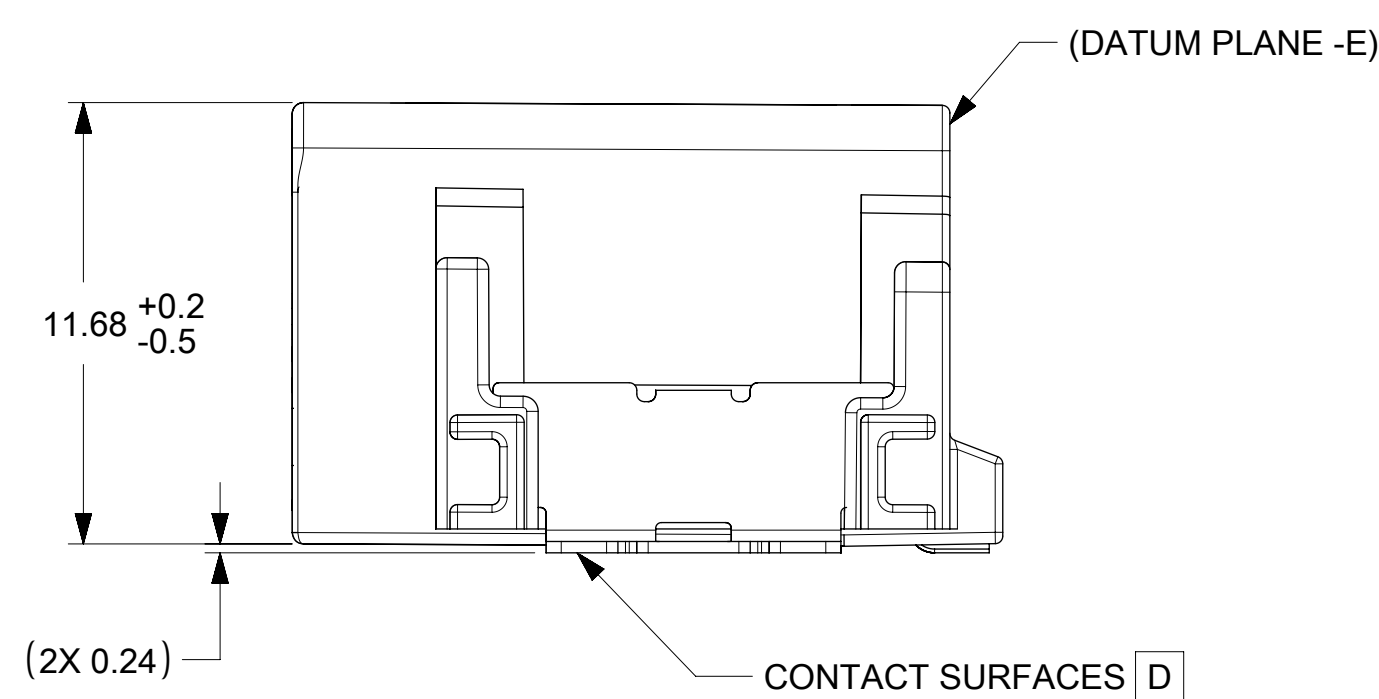
QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS MM ONLY	SCALE 5:1			
	EC NO: 624745 DRWN: SRUSS CHKD: JDUNAJ REV APPR: JDUNAJ	2019/09/11 2019/09/26 2019/09/26	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRWN BY TMACHUGA		DATE 2011/11/23	MINI 50 DUAL ROW SMT HEADER ASSEMBLY SALES DRAWING
	APPR BY SMARCEAU		DATE 2011/12/19	PRODUCT CUSTOMER DRAWING			
	W7	D	THIRD ANGLE PROJECTION	SERIES 34897		MATERIAL NUMBER SEE CHART	
RELEASE STATUS	RELEASE DATE	DOCUMENT NUMBER SD-34897-001	DOC TYPE PSD	DOC PART 000	SHEET NUMBER 2 OF 5		

**BEFORE REFLOW SOLDERING
TEMPERATURE EXPOSURE**



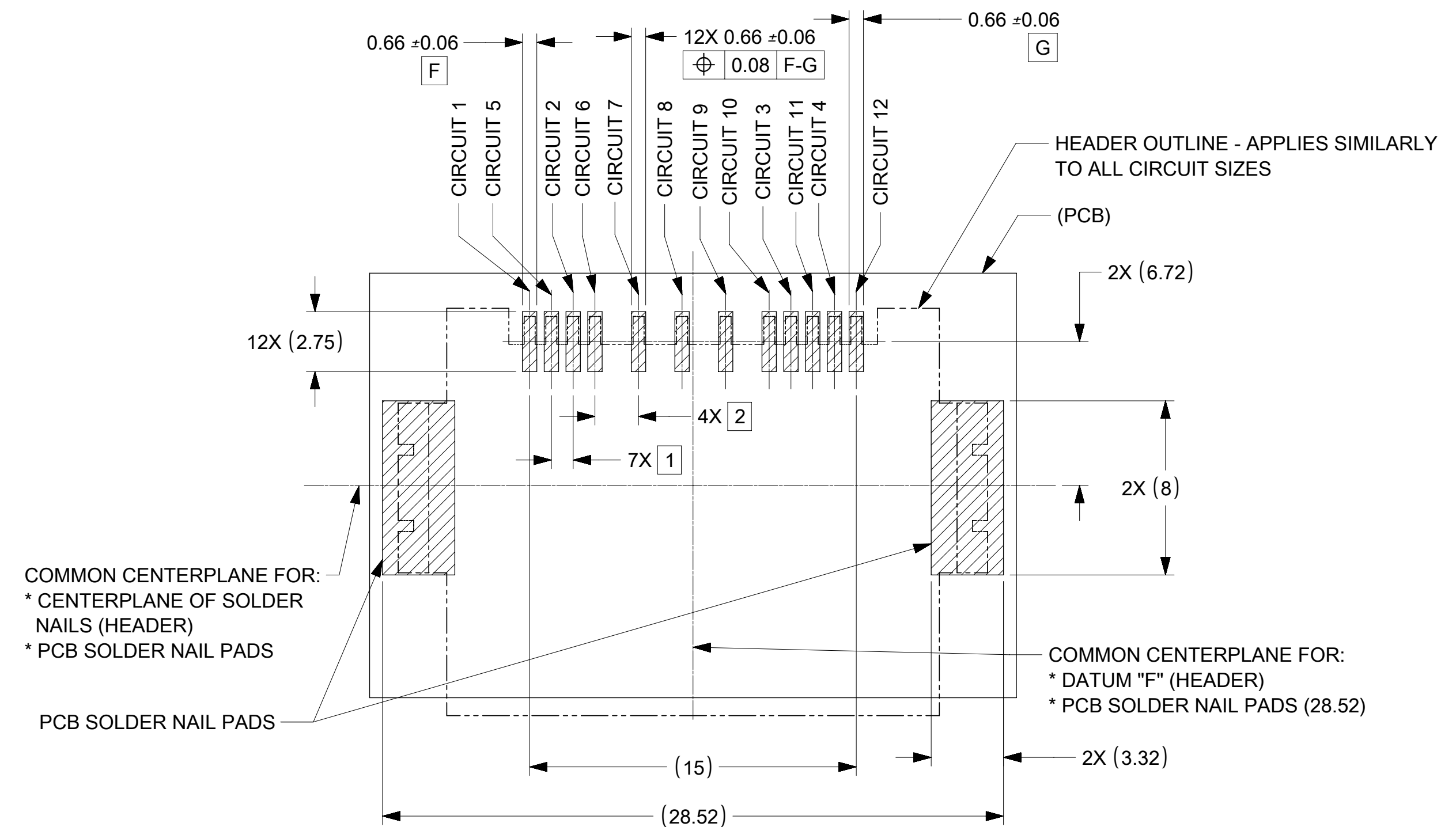
**12 CKT SMT USCAR HEADER (BOTTOM VIEW)
(OTHER CIRCUIT SIZES ARE SIMILAR)**

**AFTER REFLOW SOLDERING
TEMPERATURE EXPOSURE**



NOTE:
CONTACTS PER CKT:
12 CKT - 14 CONTACTS
16 CKT - 18 CONTACTS
20 CKT - 22 CONTACTS
24 CKT - 26 CONTACTS

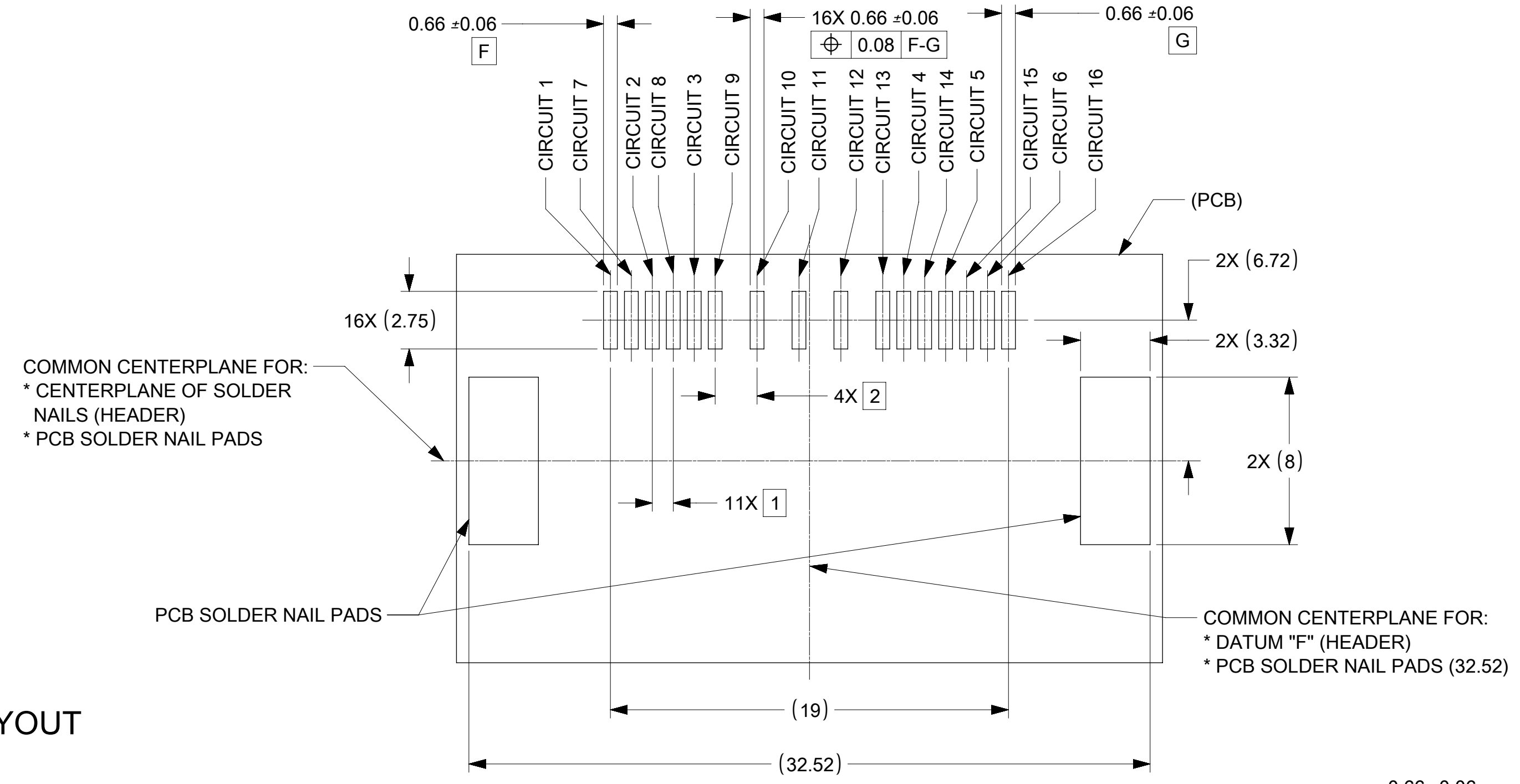
RECOMMENDED PCB LAYOUT:



12 CKT PCB LAYOUT

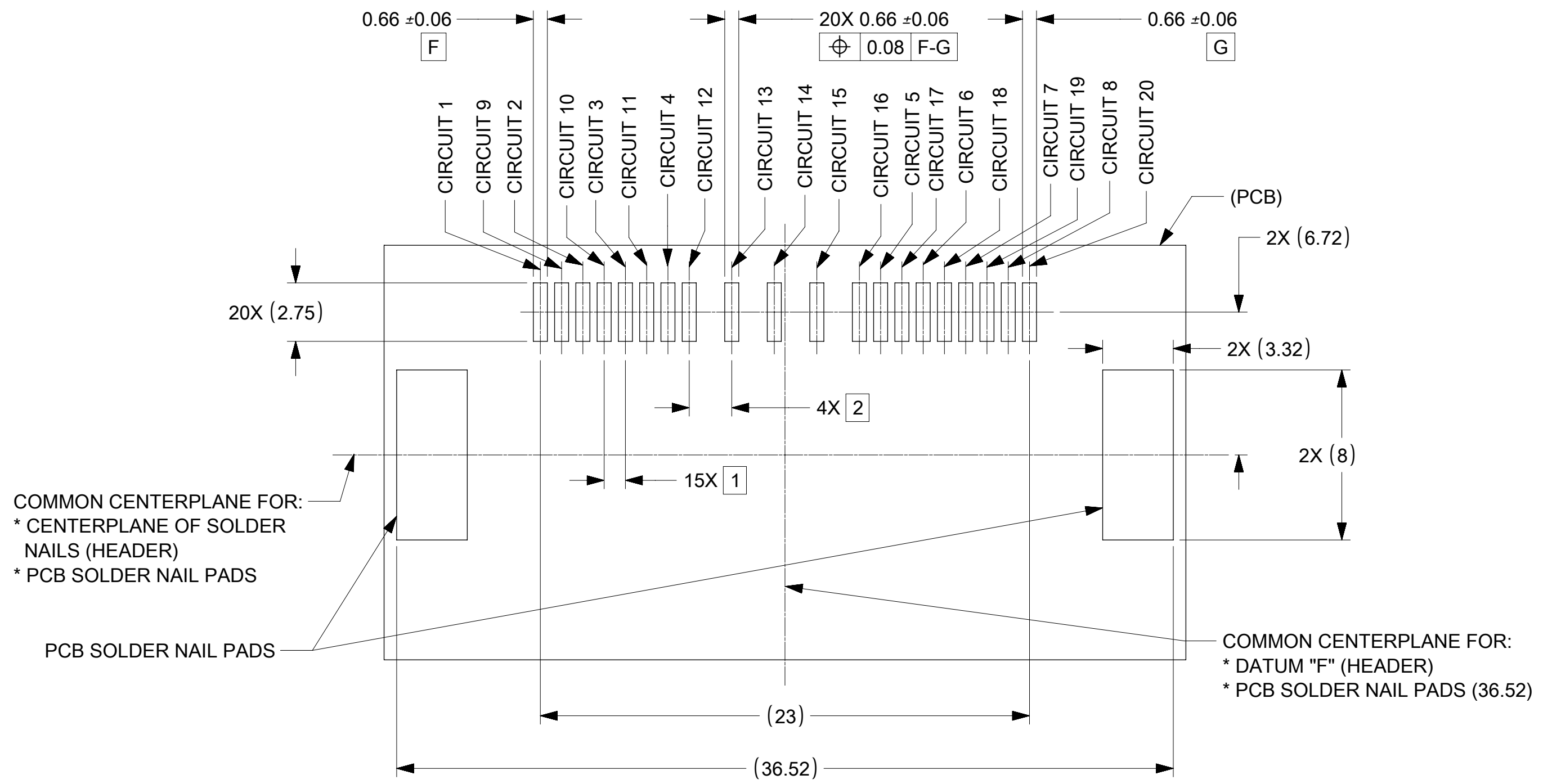
QUALITY SYMBOLS □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: MM ONLY SCALE: 5:1 ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN BY: SRUSS CHKD: JDUNAJ REV APPR: JDUNAJ DATE: 2019/09/26 DATE: 2019/09/26 DATE: 2019/09/26		DRWN BY: TMACHUGA CHKD BY: [] APPR BY: SMARCEAU DATE: 2011/11/23 DATE: [] DATE: 2011/12/19		DIMENSION UNITS: MM ONLY SCALE: 5:1 DRWN BY: TMACHUGA DATE: 2011/11/23 CHKD BY: [] APPR BY: SMARCEAU DATE: 2011/12/19 DRAWING SIZE: D THIRD ANGLE PROJECTION		molex MINI 50 DUAL ROW SMT HEADER ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING		SERIES: 34897 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET		DOCUMENT NUMBER: SD-34897-001 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 3 OF 5	
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16 CKT PCB LAYOUT

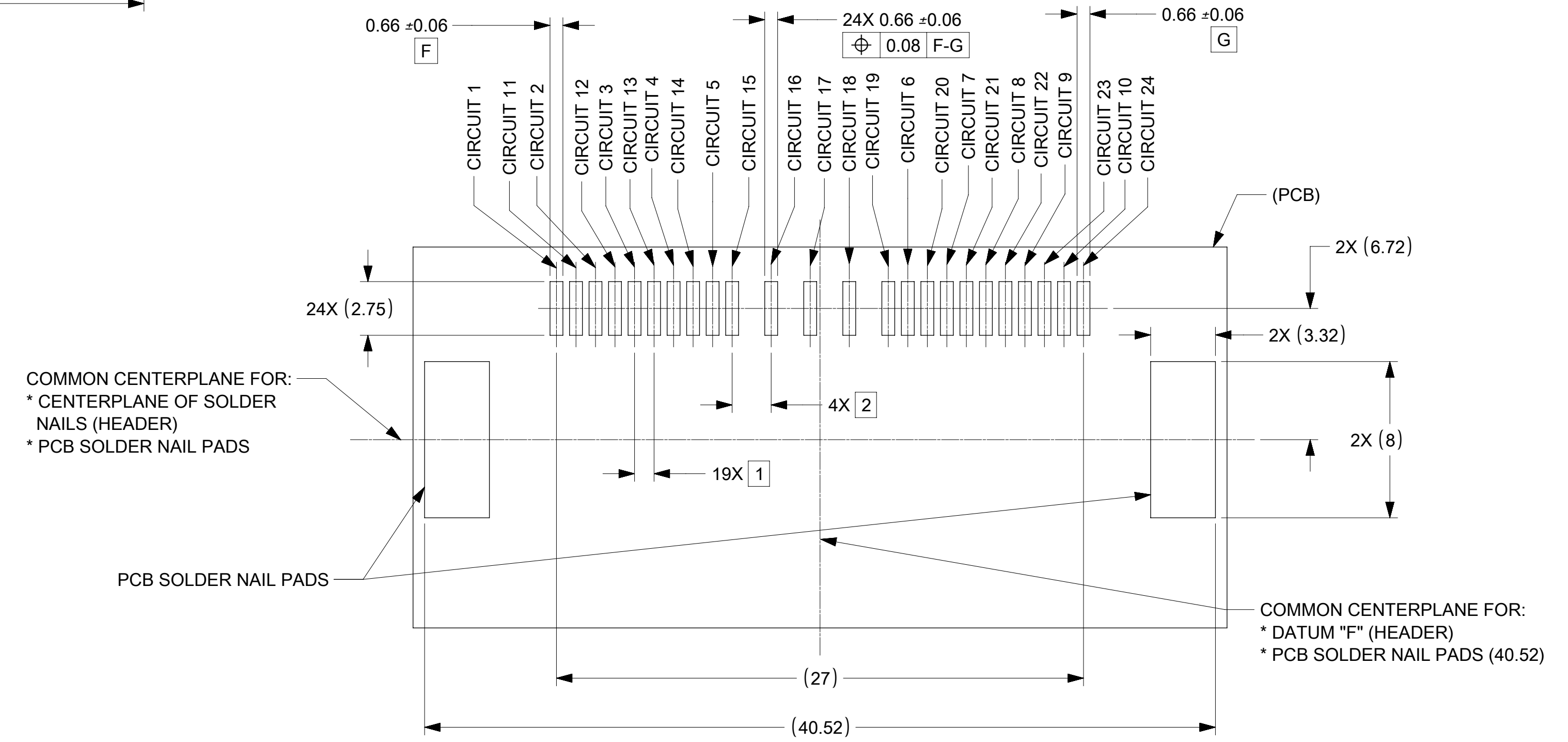


RECOMMENDED PCB LAYOUT:

20 CKT PCB LAYOUT



24 CKT PCB LAYOUT



QUALITY SYMBOLS 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	EC NO: 624745 DRWN: SRUSS CHKD: JDUNAJ REV APPR: JDUNAJ	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ±	DIMENSION UNITS: MM ONLY SCALE: 5:1 DRWN BY: TMACHUGA DATE: 2011/11/23 CHKD BY: DATE APPR BY: SMARCEAU DATE: 2011/12/19		
		PRODUCT CUSTOMER DRAWING SERIES: 34897 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DRAWING SIZE: D THIRD ANGLE PROJECTION		DOCUMENT NUMBER: SD-34897-001 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 4 OF 5	

MINI50 SMT DUAL ROW HEADER ASSEMBLIES

GOLD:

MATERIAL NUMBER		CONFIGURATION	CIRCUIT	POL	DEPOPULATED	VOIDED CKTS	COLOR	BLADE PLATING	MATING COMPONENT	
TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-31301-786								UN-BRIDGED	BRIDGED
34897-5120	34897-6120	USCAR	12	A	NO	N/A	BLACK	GOLD	34824-0124	34824-1124
34897-5121	34897-6121	USCAR	12	B	NO	N/A	GRAY	GOLD	34824-0125	34824-1125
34897-5122	34897-6122	USCAR	12	C	NO	N/A	DARK GRAY	GOLD	34824-0126	34824-1126
34897-5160	34897-6160	USCAR	16	A	NO	N/A	BLACK	GOLD	34824-0164	34824-1164
34897-5161	34897-6161	USCAR	16	B	NO	N/A	GRAY	GOLD	34824-0165	34824-1165
34897-5162	34897-6162	USCAR	16	C	NO	N/A	DARK GRAY	GOLD	34824-0166	34824-1166
34897-5200	34897-6200	USCAR	20	A	NO	N/A	BLACK	GOLD	34824-0204	34824-1204
34897-5201	34897-6201	USCAR	20	B	NO	N/A	GRAY	GOLD	34824-0205	34824-1205
34897-5202	34897-6202	USCAR	20	C	NO	N/A	DARK GRAY	GOLD	34824-0206	34824-1206
34897-5240	34897-6240	USCAR	24	A	NO	N/A	BLACK	GOLD	34824-0244	34824-1244
34897-5241	34897-6241	USCAR	24	B	NO	N/A	GRAY	GOLD	34824-0245	34824-1245
34897-5242	34897-6242	USCAR	24	C	NO	N/A	DARK GRAY	GOLD	34824-0246	34824-1246

TIN:

MATERIAL NUMBER		CONFIGURATION	CIRCUIT	POL	COLOR	BLADE PLATING	MATING COMPONENT	
TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-31301-786						UN-BRIDGED	BRIDGED
34897-9120	34897-8120	USCAR	12	A	BLACK	TIN	34824-0124	34824-1124
34897-9121	34897-8121	USCAR	12	B	GRAY	TIN	34824-0125	34824-1125
34897-9122	34897-8122	USCAR	12	C	DARK GRAY	TIN	34824-0126	34824-1126
34897-9160	34897-8160	USCAR	16	A	BLACK	TIN	34824-0164	34824-1164
34897-9161	34897-8161	USCAR	16	B	GRAY	TIN	34824-0165	34824-1165
34897-9162	34897-8162	USCAR	16	C	DARK GRAY	TIN	34824-0166	34824-1166
34897-9200	34897-8200	USCAR	20	A	BLACK	TIN	34824-0204	34824-1204
34897-9201	34897-8201	USCAR	20	B	GRAY	TIN	34824-0205	34824-1205
34897-9202	34897-8202	USCAR	20	C	DARK GRAY	TIN	34824-0206	34824-1206
34897-9240	34897-8240	USCAR	24	A	BLACK	TIN	34824-0244	34824-1244
34897-9241	34897-8241	USCAR	24	B	GRAY	TIN	34824-0245	34824-1245
34897-9242	34897-8242	USCAR	24	C	DARK GRAY	TIN	34824-0246	34824-1246

QUALITY SYMBOLS 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	2019/09/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
	2019/09/26	ANGULAR TOL ± 1.0 °		MM ONLY	1:1						
	2019/09/26	4 PLACES ±		DRWN BY	DATE	MINI 50 DUAL ROW SMT HEADER ASSEMBLY SALES DRAWING					
		3 PLACES ±		TMACHUGA	2011/11/23						
		2 PLACES ± 0.1		CHKD BY	DATE	PRODUCT CUSTOMER DRAWING					
		1 PLACE ± 0.2		APPR BY	DATE						
		0 PLACES ±		SMARCEAU	2011/12/19	SERIES	MATERIAL NUMBER	CUSTOMER			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	34897	SEE CHART	GENERAL MARKET			
				D		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER		
					SD-34897-001	PSD	000	5 OF 5			

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Факс: +7 495 668-12-70 (доб.304)

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moschip.ru_4

moschip.ru_6

moschip.ru_9