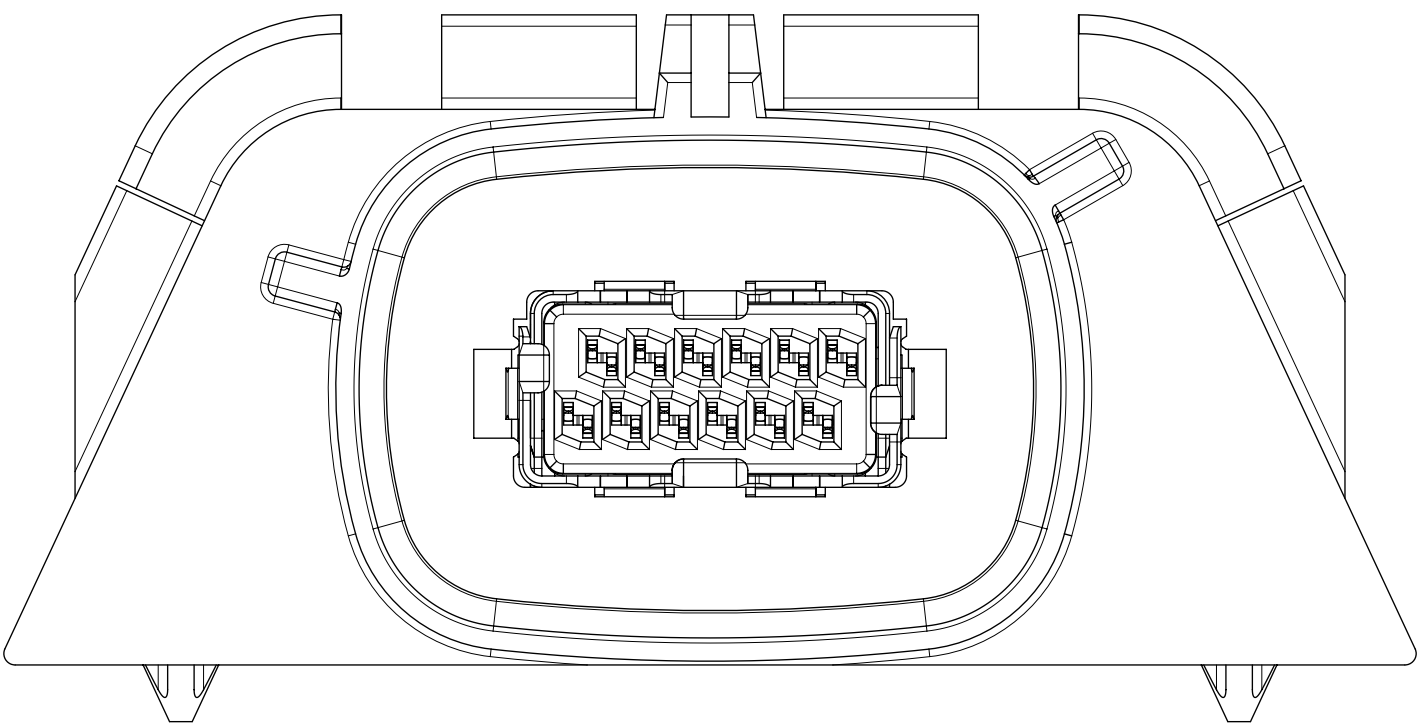
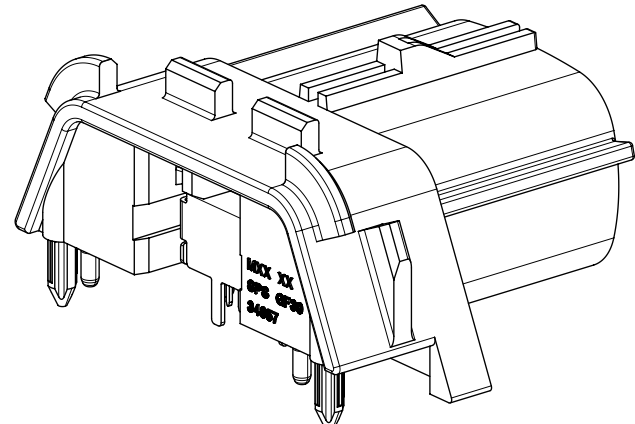
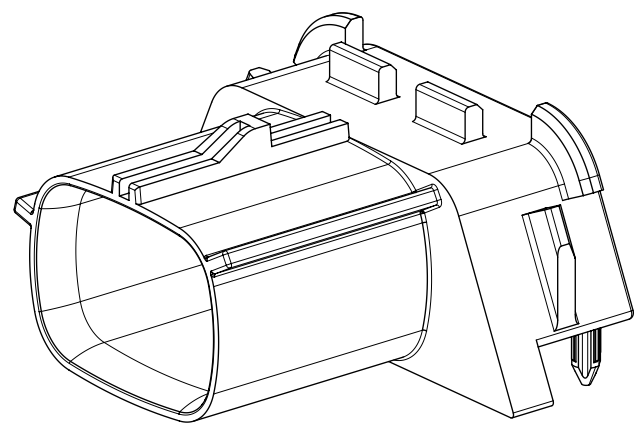
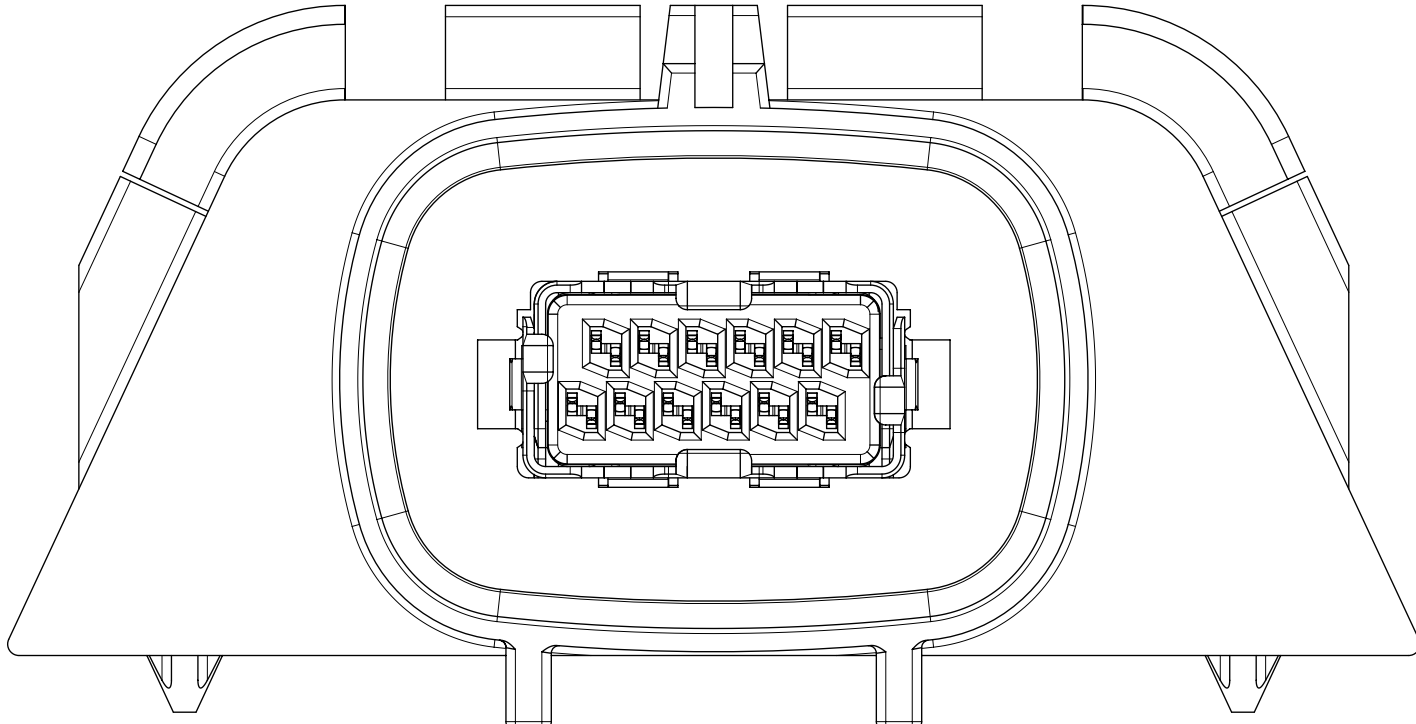


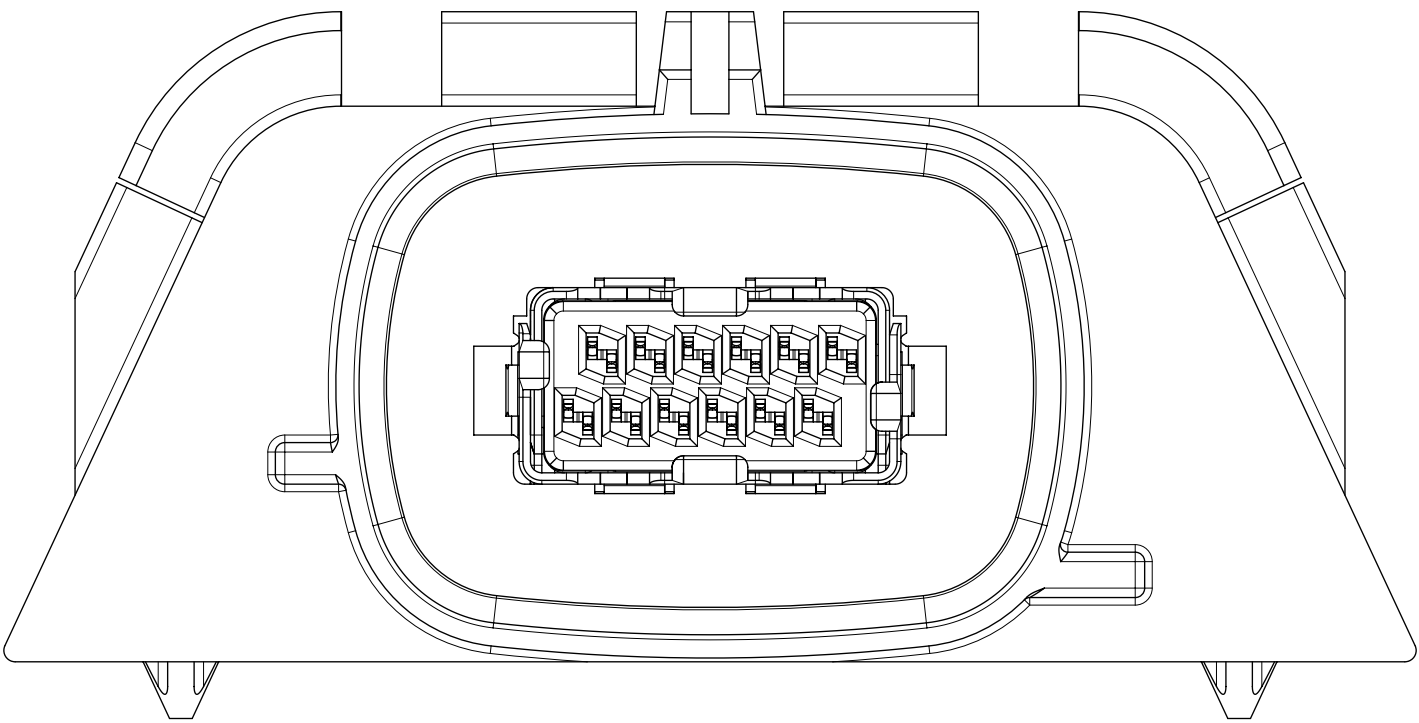
			34857-0506 12 CKT SEALED HEADER ASSY - KEY A	34857-0606 12 CKT SEALED HEADER ASSY - KEY B	34857-0706 12 CKT SEALED HEADER ASSY - KEY C	34857-0806 12 CKT SEALED HEADER ASSY - KEY D	34857-0516 12 CKT SEALED HEADER ASSY - KEY A (SHORT TAIL)	34857-0616 12 CKT SEALED HEADER ASSY - KEY B (SHORT TAIL)	34857-0716 12 CKT SEALED HEADER ASSY - KEY C (SHORT TAIL)	34857-0816 12 CKT SEALED HEADER ASSY - KEY D (SHORT TAIL)
ITEM	DESCRIPTION	COLOR	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY
1	12 CKT SEALED R/A HEADER HOUSING, KEY A	BLACK	1				1			
2	12 CKT SEALED R/A HEADER HOUSING, KEY B	GRAY		1				1		
3	12 CKT SEALED R/A HEADER HOUSING, KEY C	BROWN			1				1	
4	12 CKT SEALED R/A HEADER HOUSING, KEY D	GREEN				1				1
5	12 CKT R/A TERMINAL CORE	N/A	1	1	1	1				
6	12 CKT R/A TERMINAL CORE - SHORT TAIL	N/A					1	1	1	1



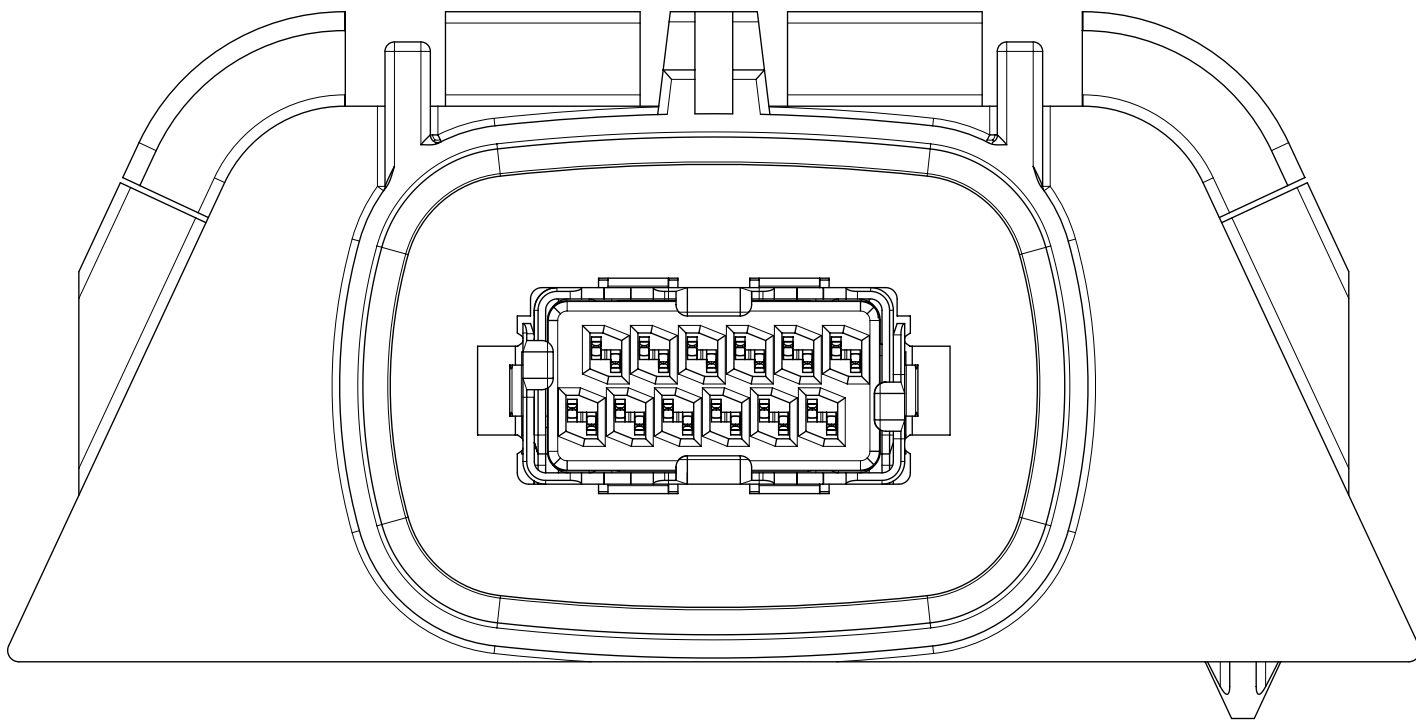
34857-05X6
KEY OPTION 'A'
COLOR: BLACK



34857-06X6
KEY OPTION 'B'
COLOR: GRAY



34857-07X6
KEY OPTION 'C'
COLOR: BROWN



34857-08X6
KEY OPTION 'D'
COLOR: GREEN

NOTES: VALID UNLESS OTHERWISE SPECIFIED

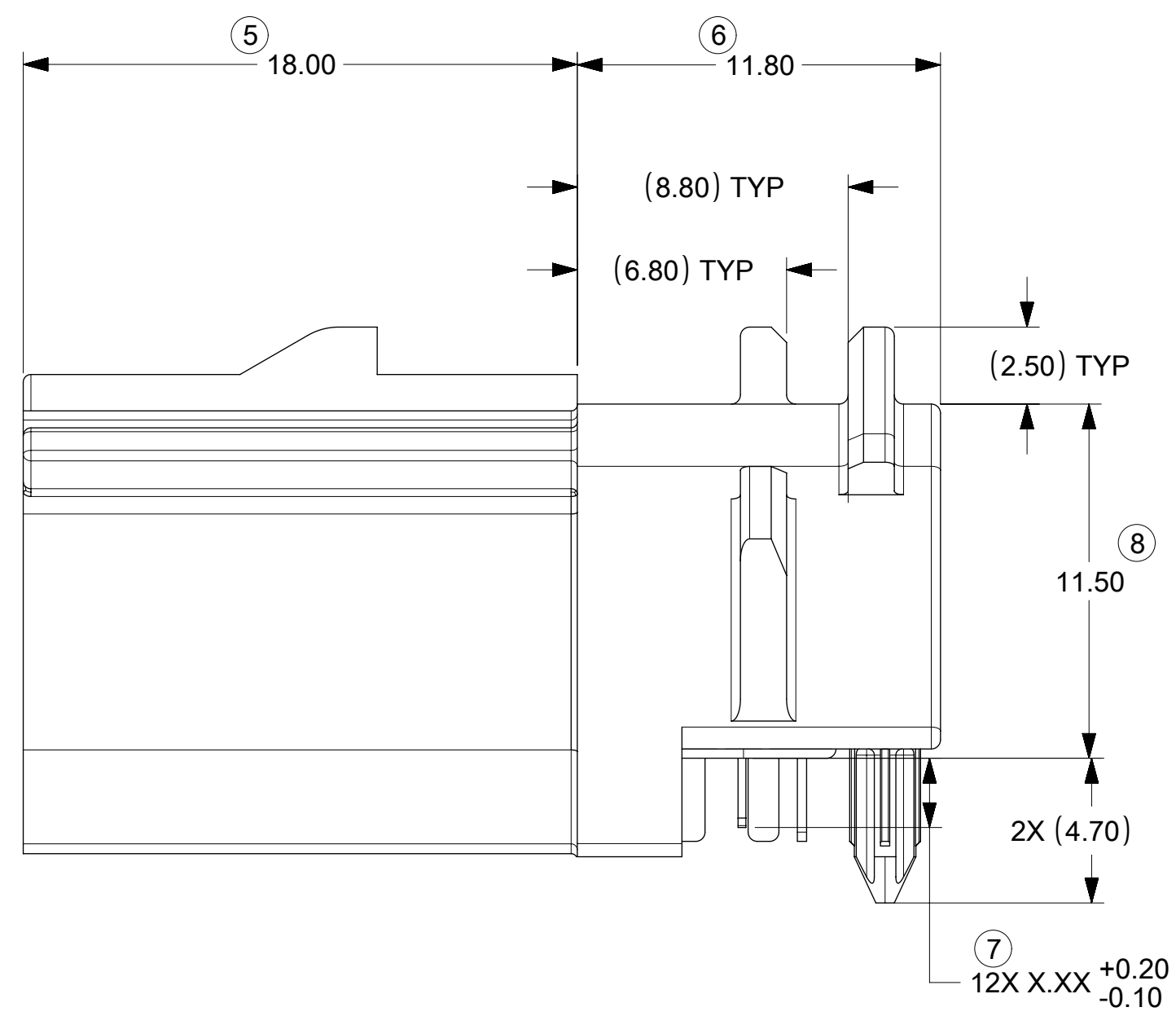
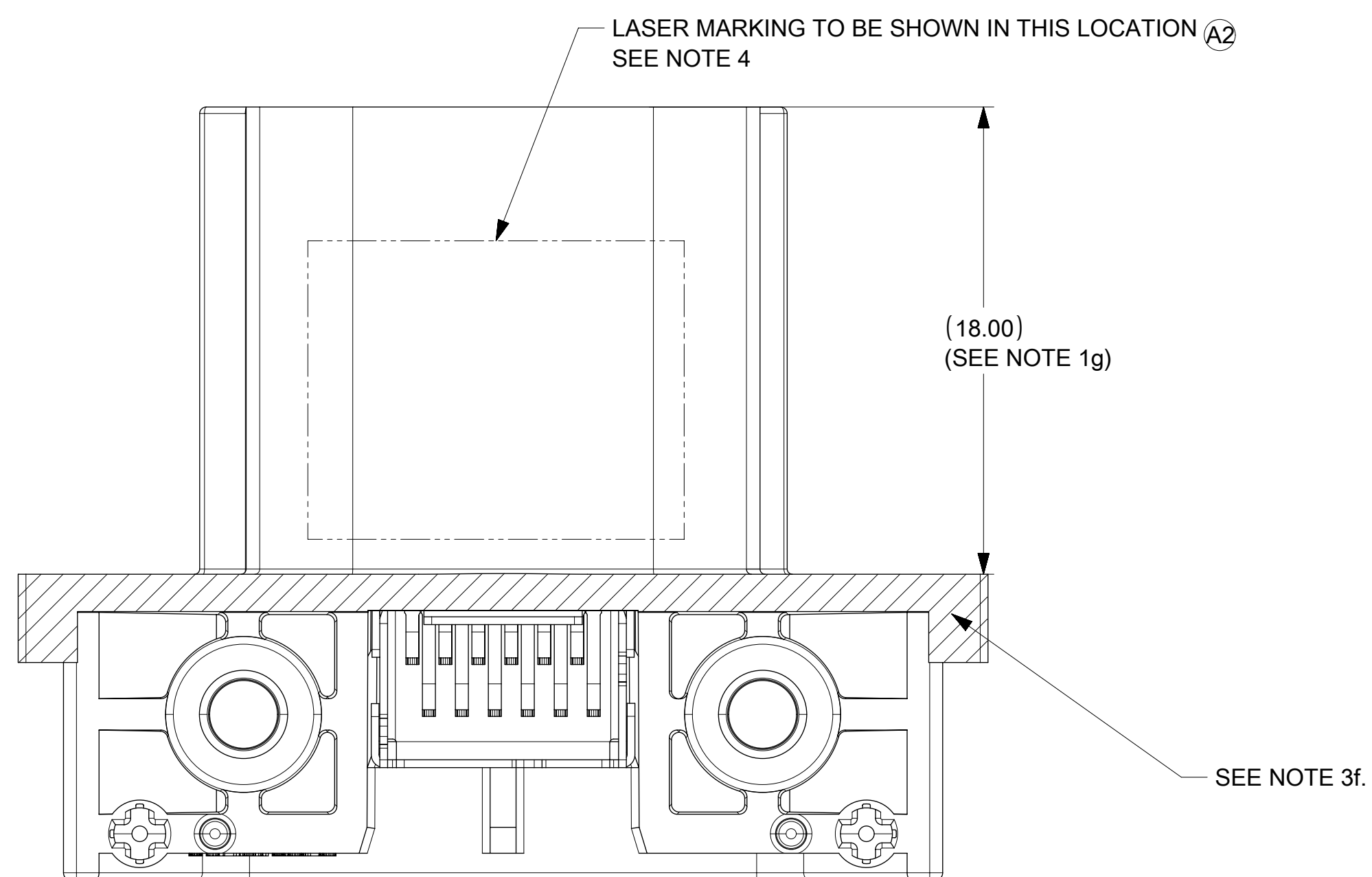
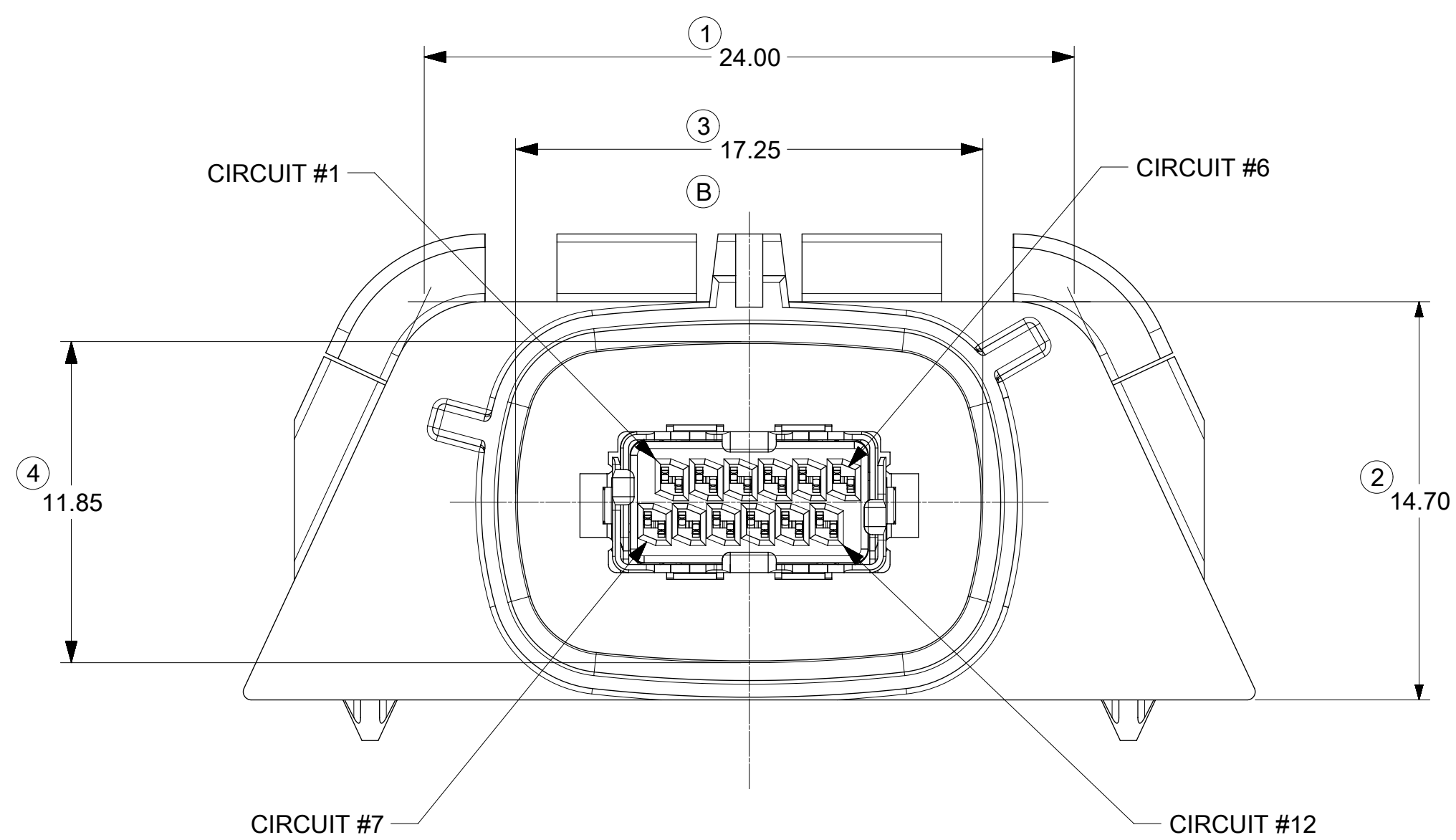
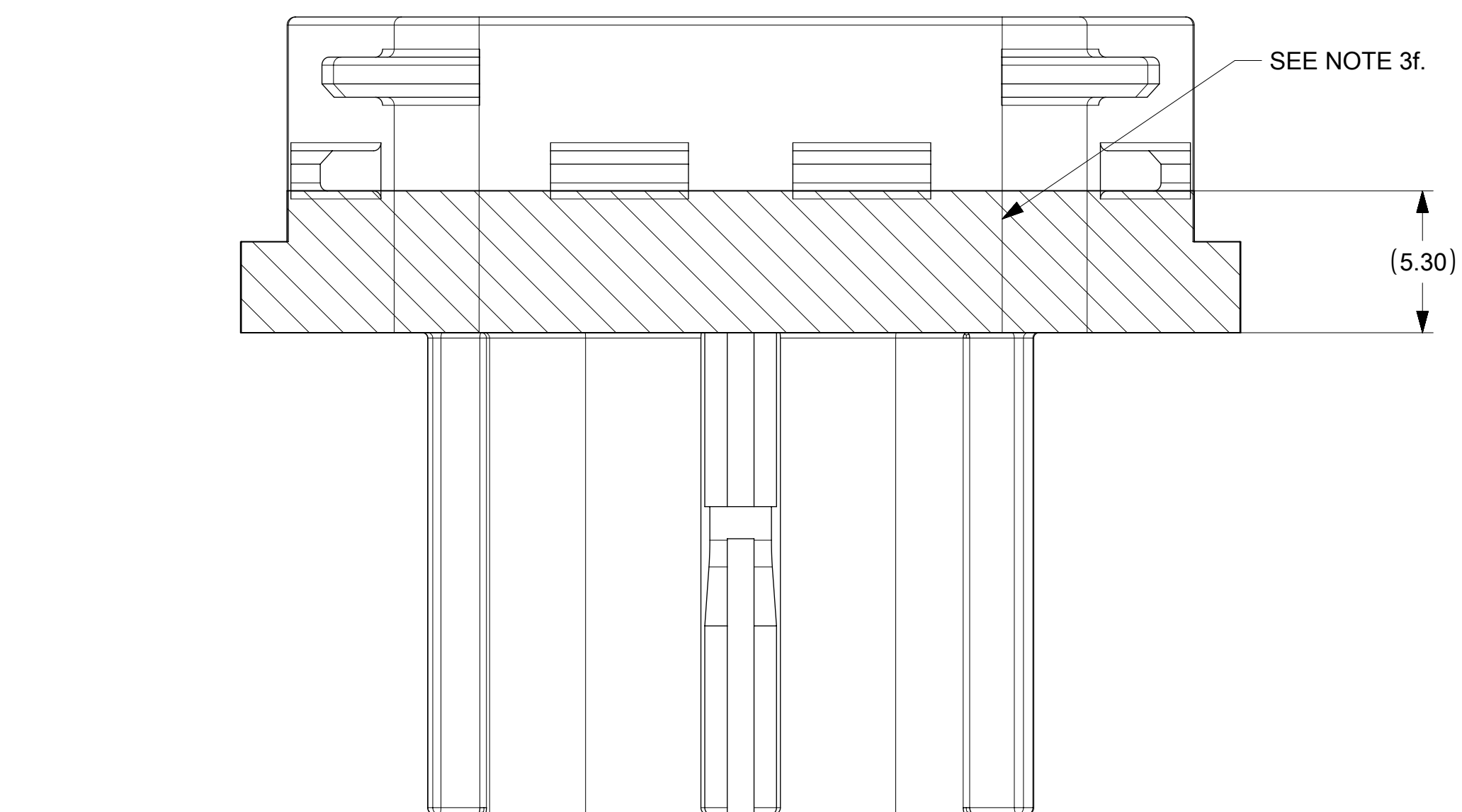
1. GENERAL:
- a. APPLICATION SPECIFICATION: AS-111149-002
 - b. PRODUCT SPECIFICATION: PS-111149-001
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-768
 - d. PARTS MUST BE IN COMPLIANCE TO THE CURRENT VERSION OF THE MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION
 - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - f. PCB TO BE FR4 0.062" (1.57mm) THICK
 - g. MATING CONNECTOR MINIMUM CLEARANCE: AREA TO REMAIN CLEAR OF MODULE COMPONENTS, ADHESIVE, DEBRIS, ETC.
 - h. APPLICABLE SEALANT TO BE USED: LOCTITE 5910
 - i. PCB MOUNTING BOSSES DESIGNED TO BE USED WITH THE FOLLOWING:
#4-20 x .375" TRI-LOBULAR THREAD FORMING SCREW
RECOMMENDED ASSEMBLY TORQUE: 1.1Nm +/- 0.11Nm

2. DESIGN - MATERIALS:
- a. HEADER HOUSING: SPS GF30
 - b. TERMINALS - COPPER ALLOY
OVERMOLDING - LCP GF30
MATE-SIDE PLATING: SELECTIVE GOLD OVER NICKEL
PCB SIDE PLATING: TIN OVER NICKEL
 - c. BISCUIT - SPS GF30
 - d. SHIELDS - COPPER ALLOY
PLATING - TIN OVER NICKEL

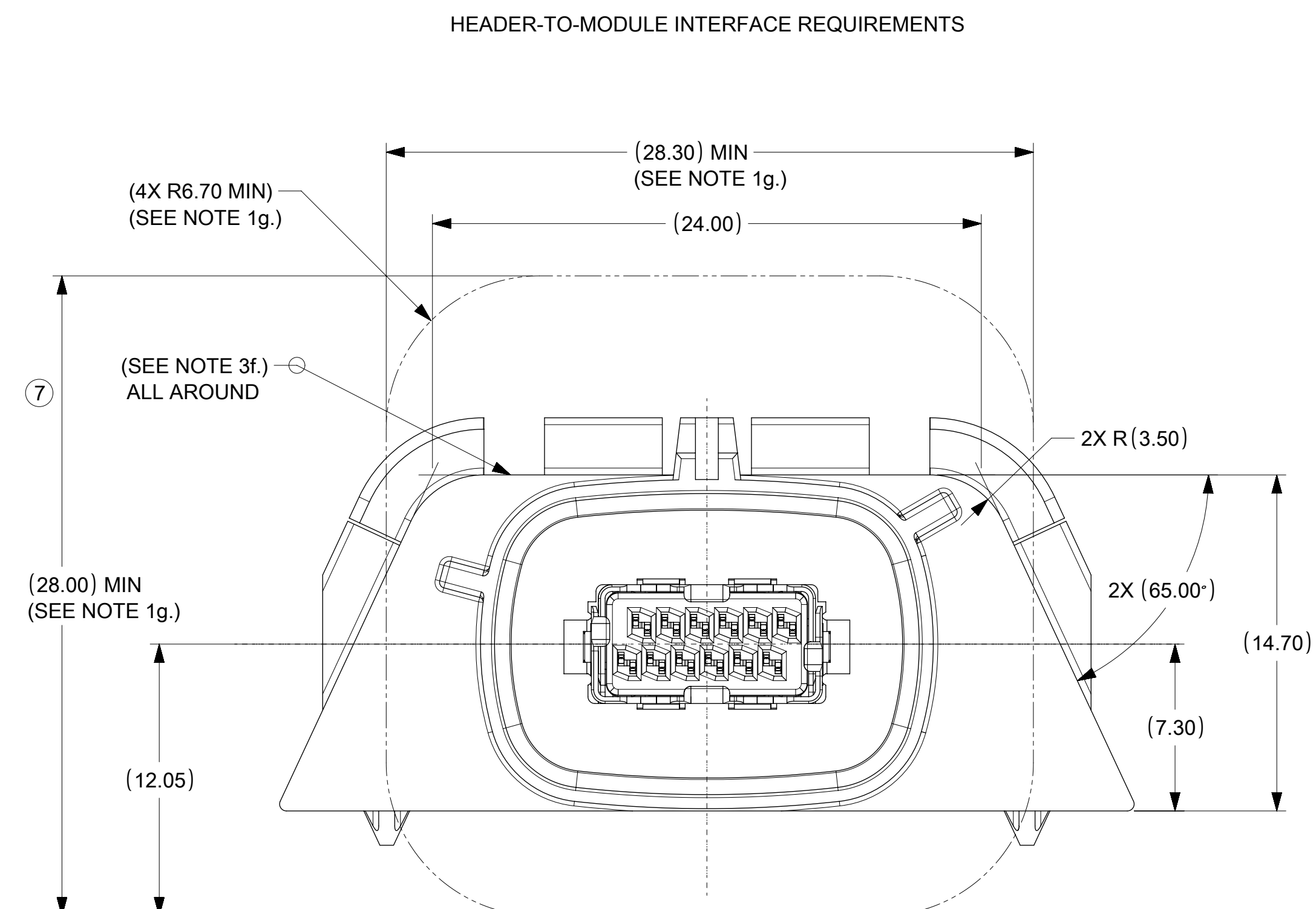
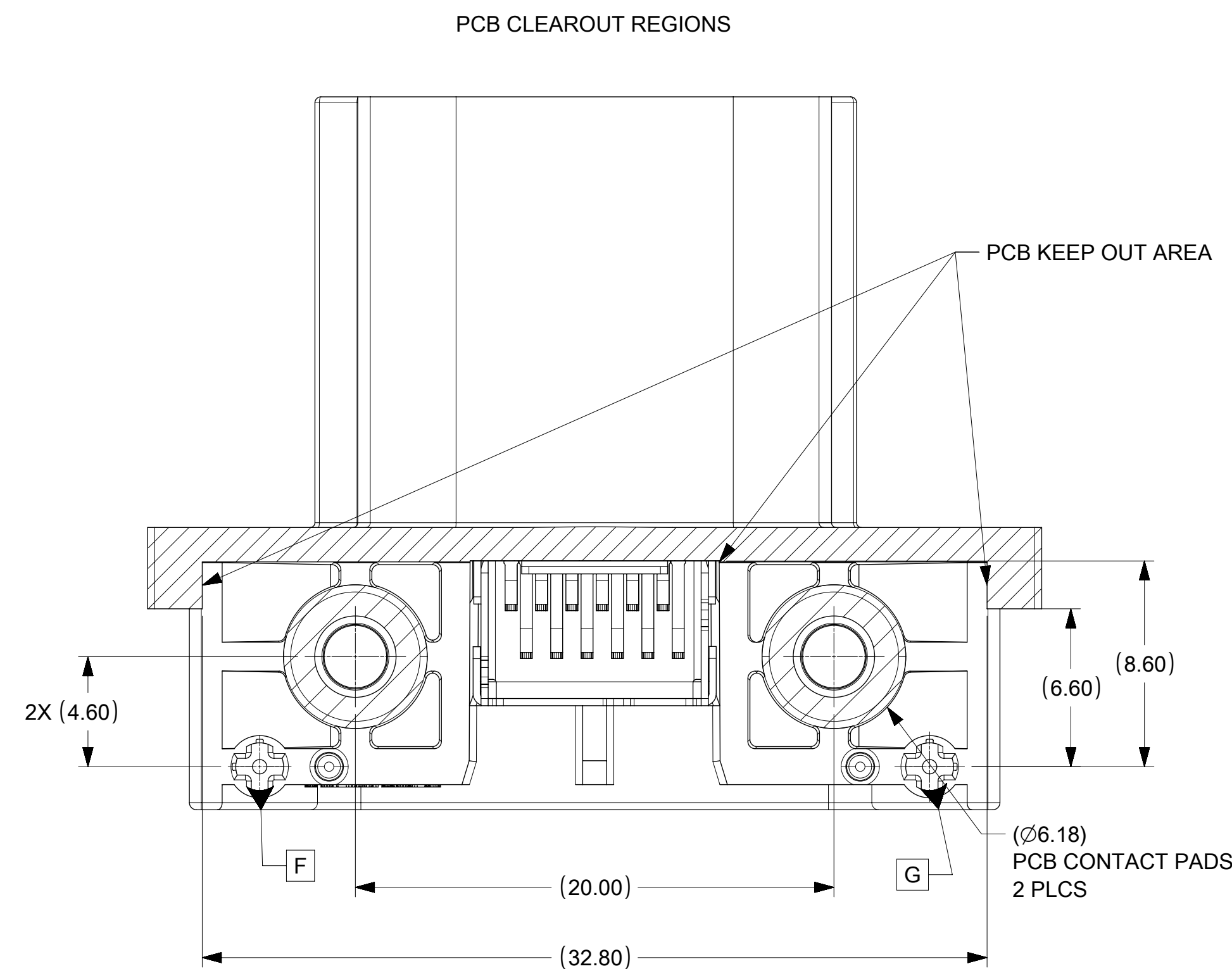
3. DESIGN - GEOMETRY:
- a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - b. N/A
 - c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - f. MODULE MOUNTING SURFACE: SEALANT TO BE APPLIED TO THIS REGION ONLY. PARTING LINES PRESENT ON THIS SURFACE.

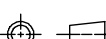
4. LASER MARKING TO BE MARKED WITH:
- HUMAN READABLE CODE (HRC)
 - PERMANENTLY APPLIED ON THE PART WITH 1.5mm LETTER SIZE
 - INFORMATION TO BE PRINTED
5 DIGIT JULIAN MANUFACTURING DATE STAMP YYDDDD

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
EC NO: 113381 DRWN: ZDEDMON CHKD: DGILKEY REV/ APPR: DNAYLIS	2017/01/16 2017/11/29 2018/01/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®						
				mm		5:1								
		ANGULAR TOL ± 1.0 °		DRWN BY		DATE		12 CKT HSAUTOLINK II R/A SEALED HEADER ASM FLANGED						
				CDILLON		2015/12/01								
		4 PLACES ±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING						
		3 PLACES ±		DGILKEY		2017/11/29								
		2 PLACES ± 0.13		APPR BY		DATE		SERIES MATERIAL NUMBER CUSTOMER						
		1 PLACE ± 0.25		DNAYLIS		2018/01/03								
		0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION		34857		GENERAL MARKET				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D				DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER
B3		REV				SD-34857-001		PSD		000		1 OF 3		

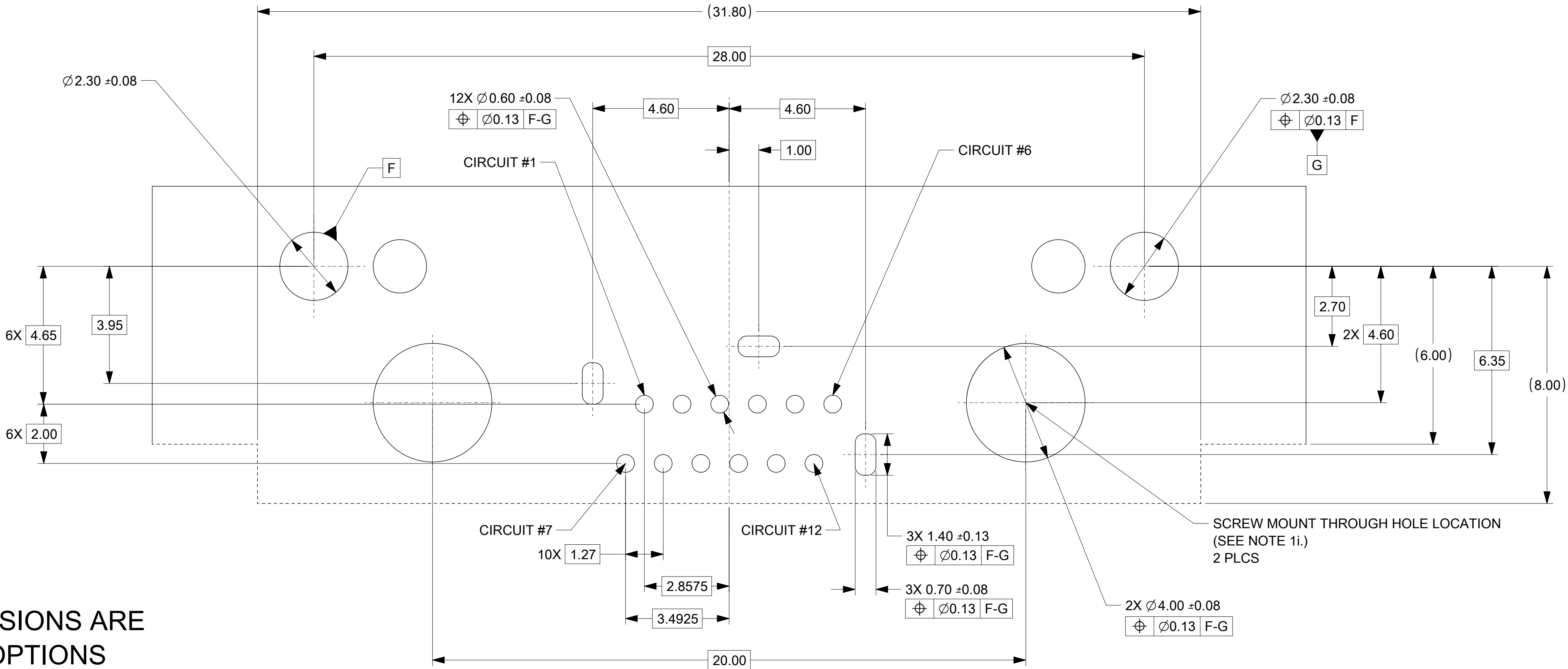


DIM 7	
PART NUMBER	VALUE
34857-0X06	2.25
34857-0X16	1.75



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
EC NO: 113381 DRWN: ZDEMON CHK'D: DGLKEY APPR: DNAYLIS	2017/01/16	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		molex® 12 CKT HSAUTOLINK II R/A SEALED HEADER ASM FLANGED							
	2017/11/29		DRWN BY CDILLON		DATE 2015/12/01									
	2018/01/03		CHK'D BY DGLILKEY		DATE 2017/11/29		PRODUCT CUSTOMER DRAWING							
			APPR BY DNAYLIS		DATE 2018/01/03									
			DRAWING SIZE D		THIRD ANGLE PROJECTION 		SERIES 34857		MATERIAL NUMBER		CUSTOMER GENERAL MARKET			
									DOCUMENT NUMBER SD-34857-001		DOC TYPE PSD	DOC PART 000	SHEET NUMBER 2 OF 3	
	B3		REV											

RECOMMENDED PCB LAYOUT - HEADER SIDE PCB



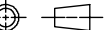
ALL THROUGH HOLE DIMENSIONS ARE APPLICABLE FOR ALL KEY OPTIONS

PCB KEY FEATURES
OPTION 'A'

PCB KEY FEATURES
OPTION 'B'

PCB KEY FEATURES
OPTION 'C'

PCB KEY FEATURES
OPTION 'D'

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																													
EC NO: 113381 DRWN: ZDEDMON CHKD: DGILKEY REV/ APPR: DNAYLIS	2017/01/16 2017/11/29 2018/01/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® 12 CKT HSAUTOLINK II R/A SEALED HEADER ASM FLANGED PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td colspan="3">MATERIAL NUMBER</td><td colspan="4">CUSTOMER</td></tr><tr><td>34857</td><td colspan="3"></td><td colspan="4">GENERAL MARKET</td></tr><tr><td colspan="3">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="3">SD-34857-001</td><td>PSD</td><td>000</td><td colspan="2">3 OF 3</td></tr></table>								SERIES	MATERIAL NUMBER			CUSTOMER				34857				GENERAL MARKET				DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER		SD-34857-001			PSD	000	3 OF 3	
		SERIES	MATERIAL NUMBER			CUSTOMER																																							
		34857				GENERAL MARKET																																							
		DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER																																						
		SD-34857-001			PSD	000	3 OF 3																																						
		mm		10:1																																									
		DRWN BY		DATE																																									
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DNAYLIS		2018/01/03																																											
DRAWING SIZE		THIRD ANGLE PROJECTION																																											
D																																													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																													

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

34857-0606