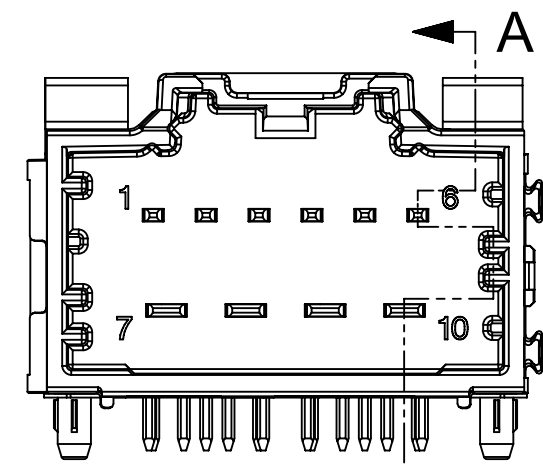
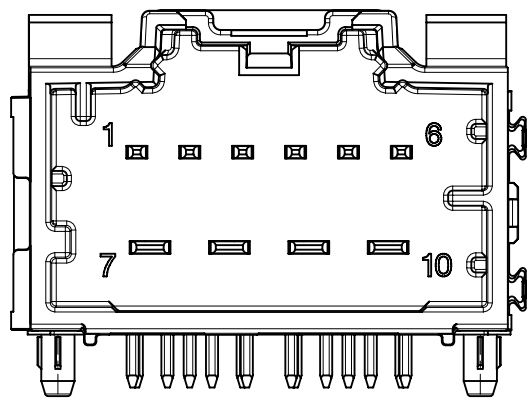
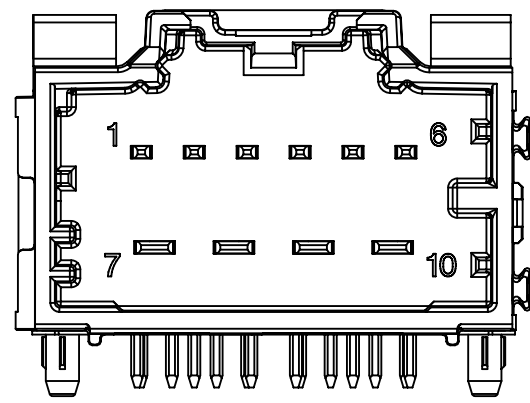




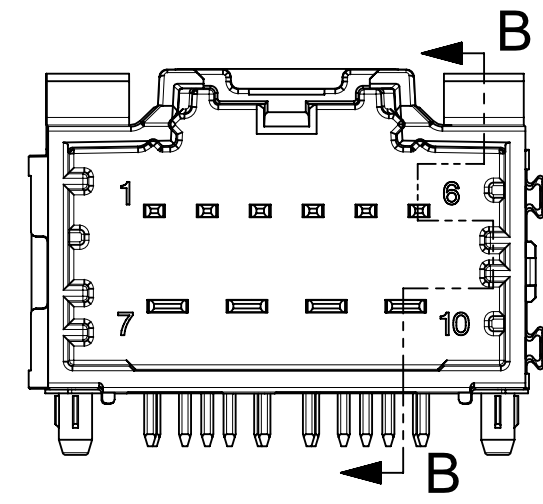
W/ PAP P/N: 34696-0100
POLARIZATION: OPTION 'A'



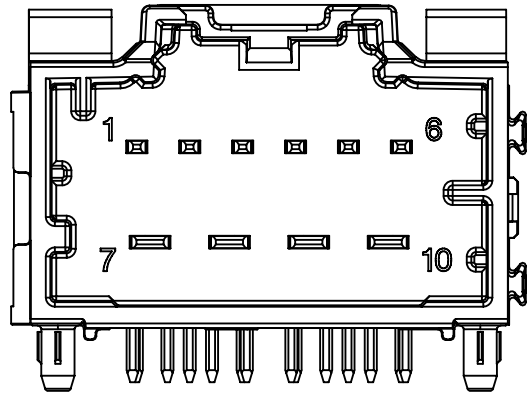
W/ PAP P/N: 34696-0101
POLARIZATION OPTION 'B'



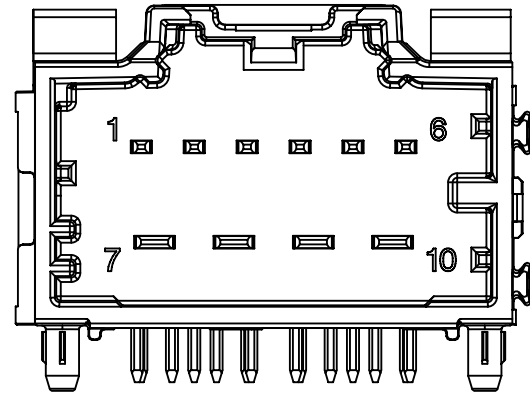
W/ PAP P/N: 34696-0102
POLARIZATION OPTION 'C'



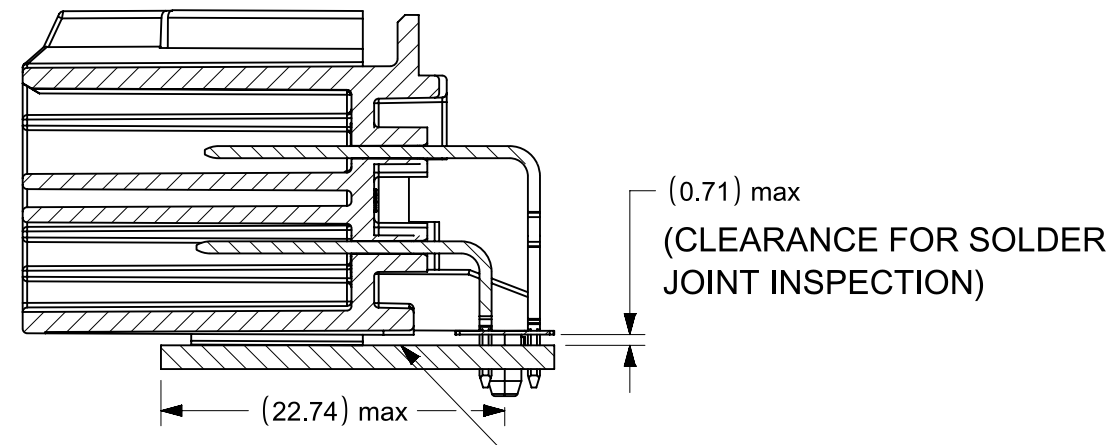
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POLARIZATION: OPTION 'A'



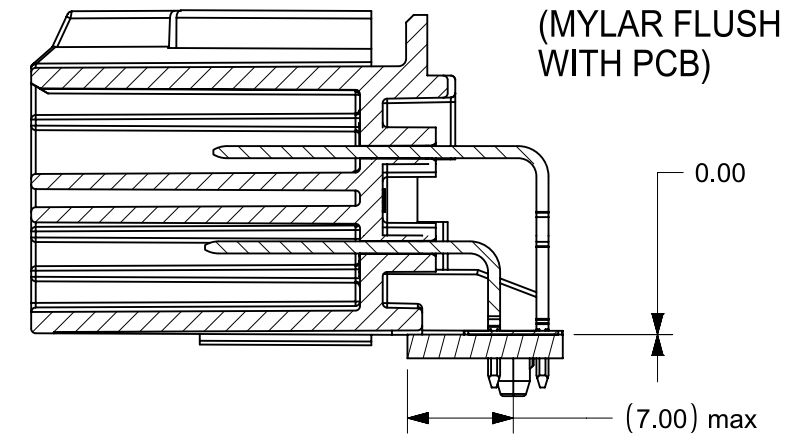
W/O PAP P/N: 34696-1101
POLARIZATION OPTION 'B'



W/O PAP P/N: 34696-1102
POLARIZATION OPTION 'C'

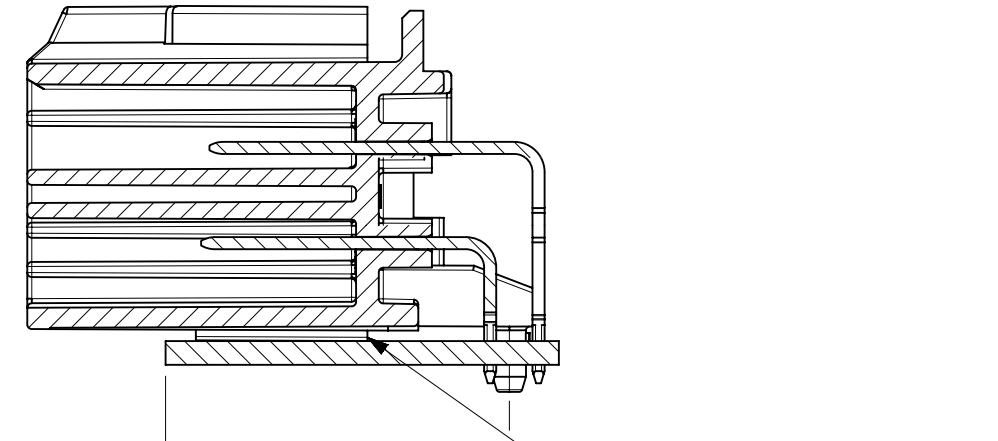


FLUSH MOUNTING
HEADER-TO-PCB
SCALE 2:1

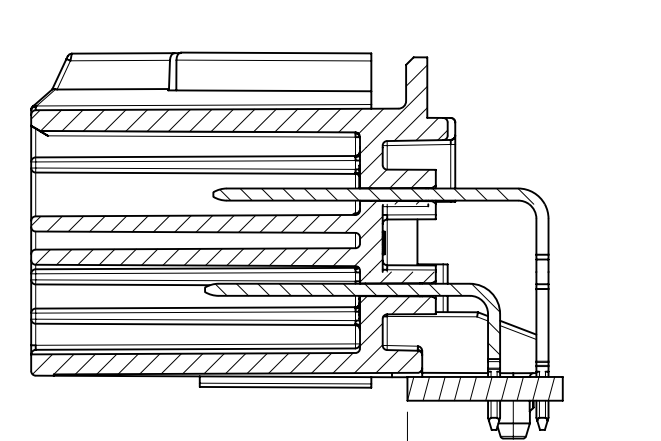


PANEL MOUNTING
HEADER-TO-PCB
SCALE 2:1

* RECOMMENDED FOR PIN THROUGH PASTE WAVE PROCESSING FOR PAP VERSION *



FLUSH MOUNTING
HEADER-TO-PCB
SCALE 2:1



PANEL MOUNTING
HEADER-TO-PCB
SCALE 2:1

* RECOMMENDED FOR PIN THROUGH PASTE REFLOW PROCESSING FOR NONE PAP VERSION *

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:

PIN RETENTION = USCAR-2 REV 4

SOLDERABILITY = SMES-152

b. APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:

SEE APPLICATION SPECIFICATION = AS-34729-020

SEE PRODUCT SPECIFICATION = PS-31372-100

MATED PARTS SD DRAWING: 313729000

c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-892 (TRAY)

d. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-063 (TUBE)

e. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-894 (ALT TRAY)

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
HOUSING RESIN - SPS 30%GF

b. 1.50mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

2.80mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

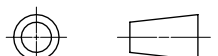
c. PIN ALIGNMENT PLATE (PAP): MYLAR

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: K9
LAST BALLOON NUMBER USED: 12
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													
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex							
MM		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 3°															
4 PLACES		±													
DIVISIONAL SYMBOLS		3 PLACES		±		PRODUCT CUSTOMER DRAWING									
2 PLACES		± 0.130													
1 PLACES		± 0.25													
0 PLACES		±													
F _A = 0		F _C = 0		F _P = 0		F _S = 0		STATUS: Production				DRWN: Intihyaz Mitaie 2026-05-19			
								CHK'D: Cecilia Rodriguez 2026-05-25				2026-05-25			
								APPR: ENRIQUE CEDEÑO				2026-05-25			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		34696		SEE TABLE		GENERAL MARKET		1 OF 2	

K9	EM-34696-110 REPLACED WITH LATEST REVISION	-	2026.05	INTHIM
K8	1. MERGED SD-34696-100 REV. K7 WITH RSD-34696-100 REV. B 2. MATED PARTS SD DRAWING WAS SD-31372-900 IN NOTES 1b IN SHEET 1 3. ADDED W/O PAP POL. A AND VIEW IN SHEET 1 4. ADDED W/O PAP POL. B AND VIEW IN SHEET 1 5. ADDED W/O PAP POL. C AND VIEW IN SHEET 1 6. ADDED NONE PAP VERSION REFLOW PROCESSING VIEWS IN SHEET 1 7. ADDED NONE PAP VERSION P/NS IN TABLE IN SHEET 2	643013	2020.08	CZHANG118
REV.	REV DESCRIPTION	EC#	DATE	NAME

