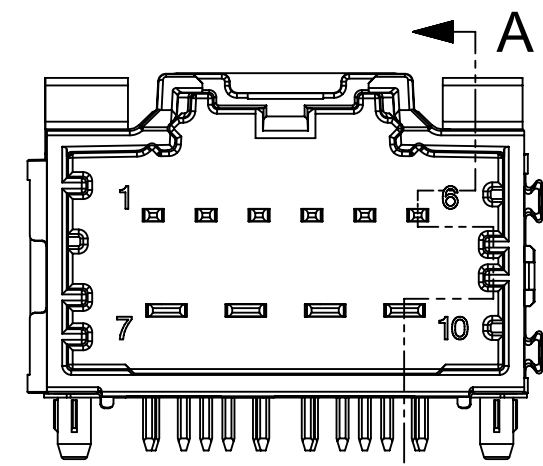
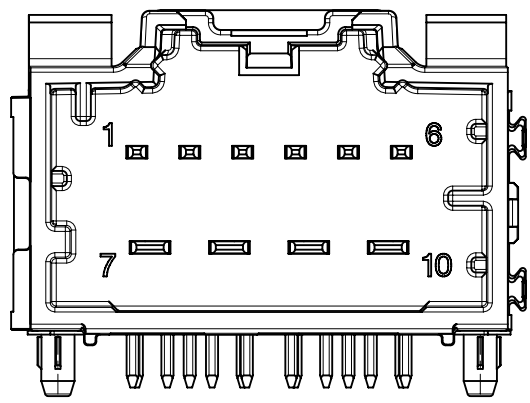
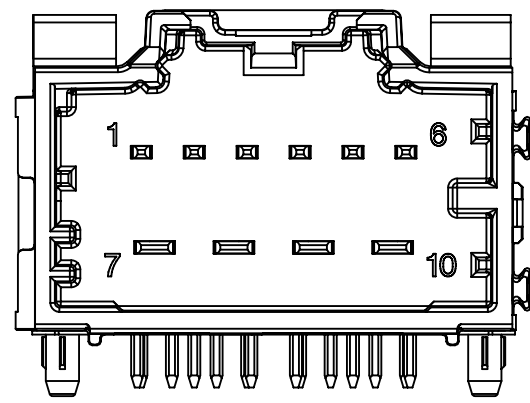




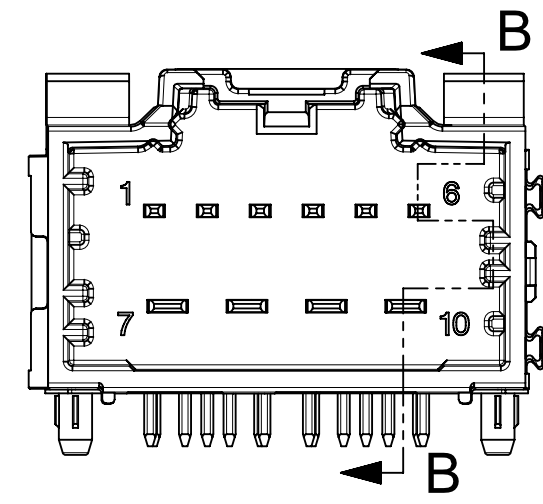
W/ PAP P/N: 34696-0100
POLARIZATION: OPTION 'A'



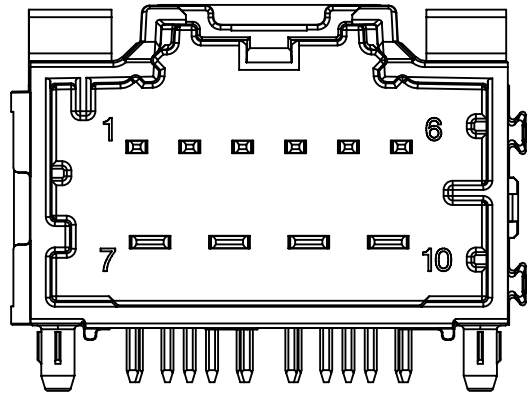
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POLARIZATION OPTION 'B'



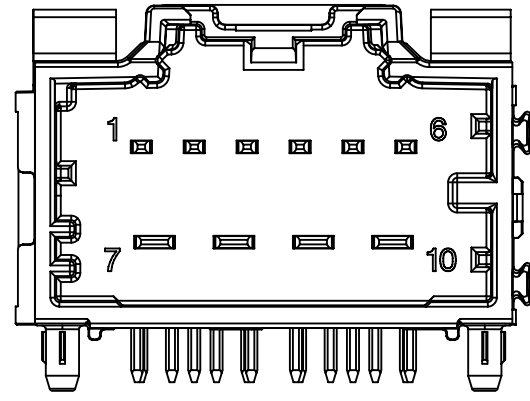
W/ PAP P/N: 34696-0102
POLARIZATION OPTION 'C'



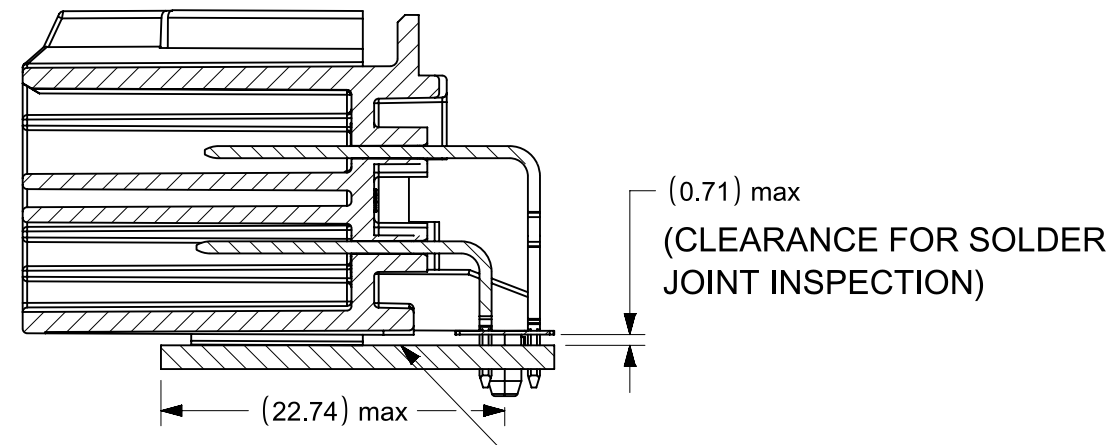
W/O PAP P/N: 34696-1100
POLARIZATION: OPTION 'A'



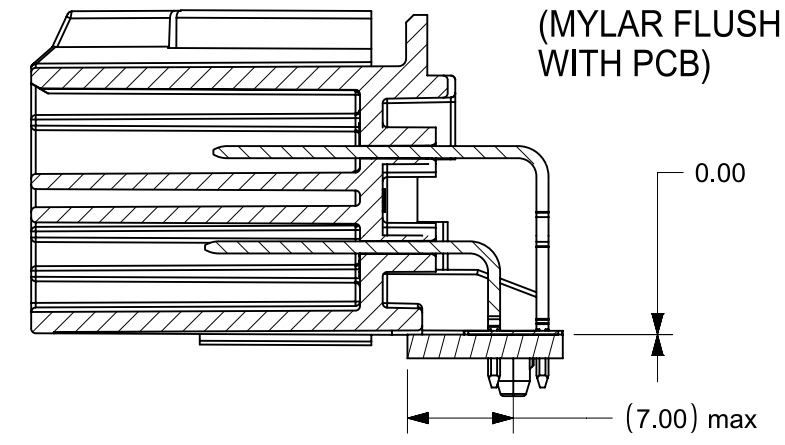
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POLARIZATION OPTION 'B'



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

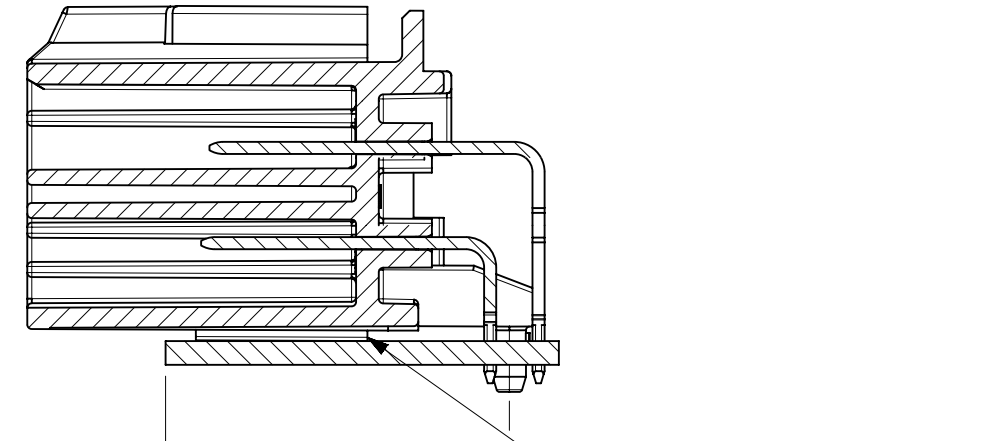


FLUSH MOUNTING
HEADER-TO-PCB
SCALE 2:1

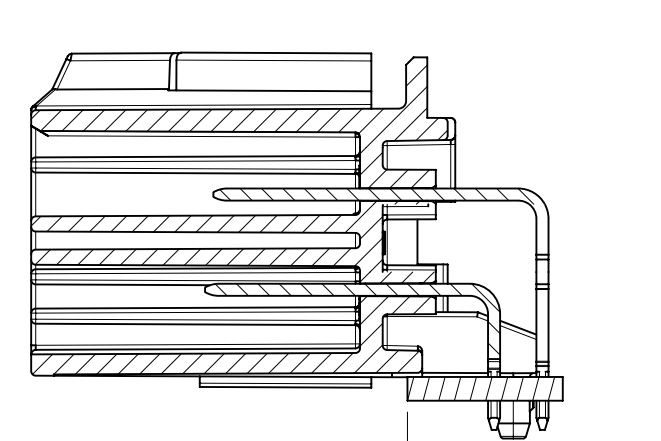


PANEL MOUNTING
HEADER-TO-PCB
SCALE 2:1

* 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

* RECOMMENED 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

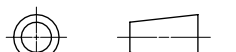
c. PIN ALIGNMENT PLATE (PAP): MYLAR

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

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

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
$F_A = 0$		DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex									
$F_C = 0$		MM		4:1															
$F_P = 0$		GENERAL TOLERANCES (UNLESS SPECIFIED)																	
$F_S = 0$		ANGULAR TOL ± 3°																	
DIVISIONAL SYMBOLS		4 PLACES		±		STATUS: Production DRWN: Intihyaz Mitaie 2026-05-19 CHK'D: Cecilia Rodriguez 2026-05-25 APPR: ENRIQUE CEDEÑO 2026-05-25				STAC64 SINGLE BAY R/A 10 CKT. HEADER ASSEMBLY SALES DRAWING									
		3 PLACES		±															
		2 PLACES		± 0.130															
		1 PLACE		± 0.25															
$F_S = 0$		0 PLACES		±		THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				D-SIZE		34696				SEE TABLE		GENERAL MARKET		1 OF 2			
										DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
										SD-34696-100		PSD		001		K9			

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: K9
LAST BALLOON NUMBER USED: 12
ADDED BALLOON NUMBERS:
REMOVED BALLOON NUMBERS:

