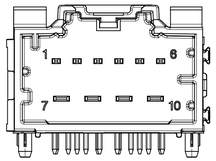
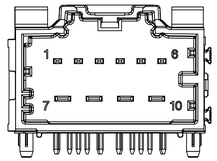


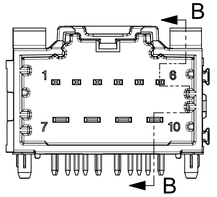
W/ PAP P/N: 34696-0100
POLARIZATION: OPTION 'A'



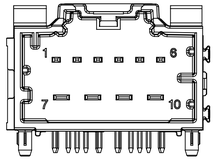
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POLARIZATION OPTION 'B'



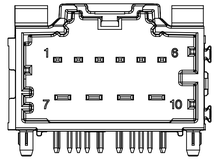
W/ PAP P/N: 34696-0102
POLARIZATION OPTION 'C'



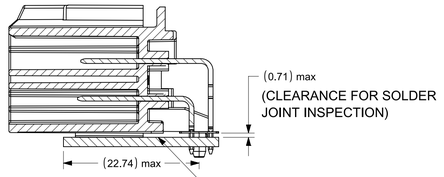
W/O PAP P/N: 34696-1100
POLARIZATION: OPTION 'A'



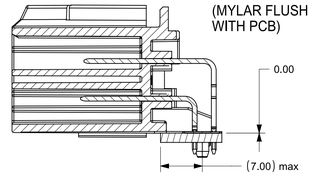
W/O PAP P/N: 34696-1101
POLARIZATION OPTION 'B'



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

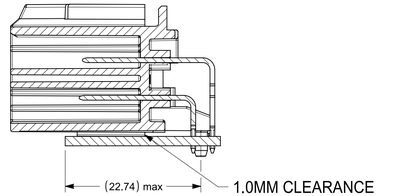


FLUSH MOUNTING
HEADER-TO-PCB
SCALE 2:1

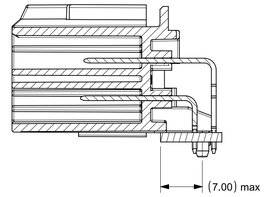


PANEL MOUNTING
HEADER-TO-PCB
SCALE 2:1

* RECOMMENED 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

REV.	REV DESCRIPTION	EC#	DATE	NAME
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

INSPECTION BALLOON NUMBER LOG

PER DRAWING REVISION: K9

LAST BALLOON NUMBER USED: 12

ADDED BALLOON NUMBERS:

REMOVED BALLOON NUMBERS:

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS
FS = 0

DIMENSION UNITS	SCALE
MM	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production
DRWN: Inthiyaz Mitaie 2026-05-19
CHK'D: Cecilia Rodriguez 2026-05-25
APPR: ENRIQUE CEDEÑO 2026-05-25

molex

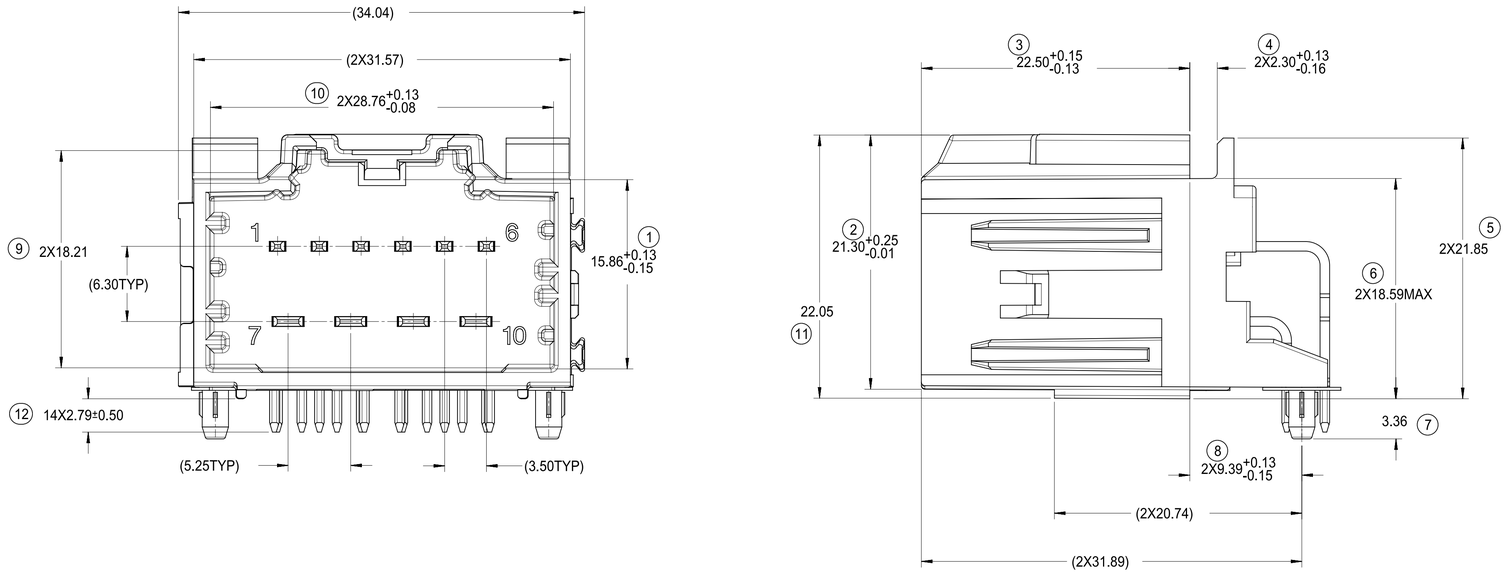
STAC64 SINGLE BAY R/A
10 CKT. HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34696-100	PSD	001	K9

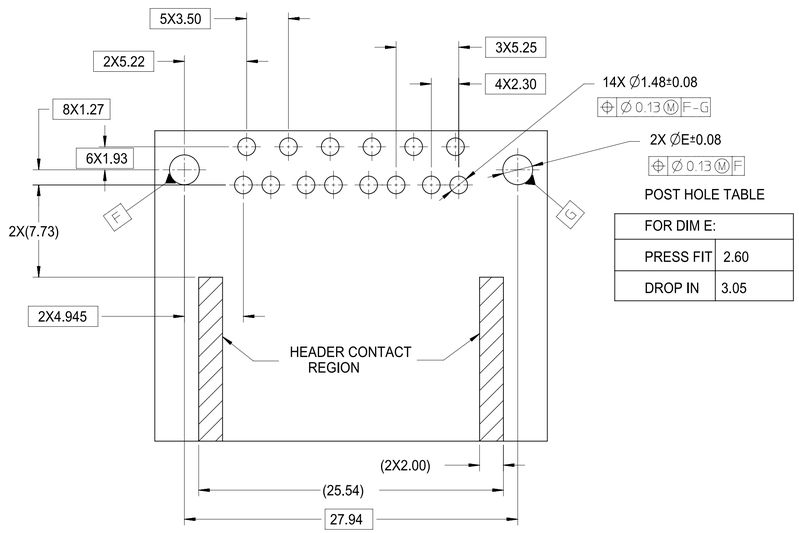
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	34696	SEE TABLE	GENERAL MARKET	1 OF 2

* DIMENSIONS FOR PAP VERSION AND NONE PAP VERSION *



MATERIAL NUMBER			CKT SIZE	DESCRIPTION	POL	COLOR
TUBE PACK	TRAY PACK	ALT TRAY				
34696-9100	34696-0100	34696-9103	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY W/PAP (4 x 2.8mm + 6 x 1.5mm)	A	BLACK
34696-9101	34696-0101	34696-9104	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY W/PAP (4 x 2.8mm + 6 x 1.5mm)	B	GREY
34696-9102	34696-0102	34696-9105	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY W/PAP (4 x 2.8mm + 6 x 1.5mm)	C	BROWN
34696-1200	34696-1100	TBD	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY W/O PAP (4 x 2.8mm + 6 x 1.5mm)	A	BLACK
34696-1201	34696-1101	TBD	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY W/O PAP (4 x 2.8mm + 6 x 1.5mm)	B	GREY
34696-1202	34696-1102	TBD	10	POWER STAC RIGHT ANGLE HEADER ASSEMBLY W/O PAP (4 x 2.8mm + 6 x 1.5mm)	C	BROWN

RECOMMENDED PCB LAYOUT
FOR PAP VERSION AND NONE PAP VERSION



CONNECTOR MATE SIDE

POST HOLE TABLE

FOR DIM E:	
PRESS FIT	2.60
DROP IN	3.05

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS
FS = 0

DIMENSION UNITS: MM
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3'
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production
DRWN: Inthiyaz Mitaie 2026-05-19
CHK'D: Cecilia Rodriguez 2026-05-25
APPR: ENRIQUE CEDEÑO 2026-05-25

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34696

molex

STAC64 SINGLE BAY R/A
10 CKT. HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34696-100	PSD	001	K9

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2