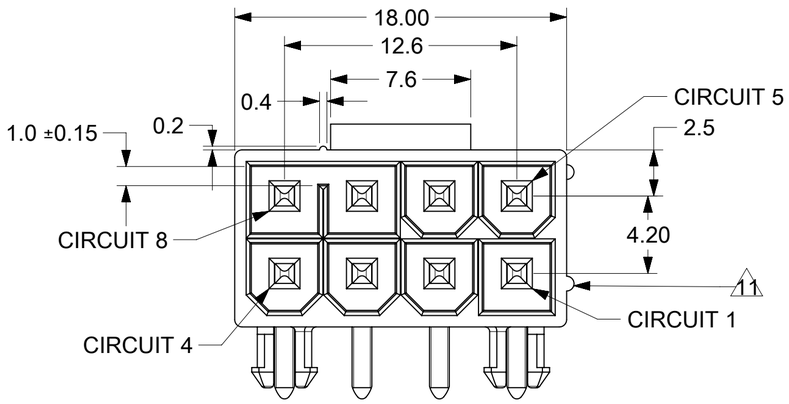
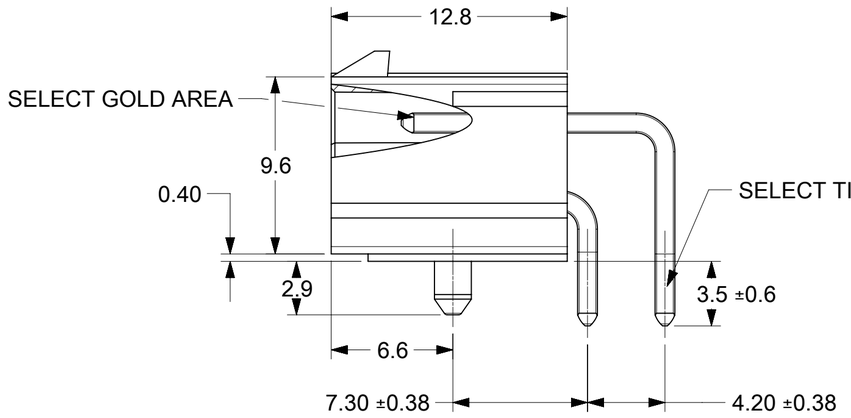
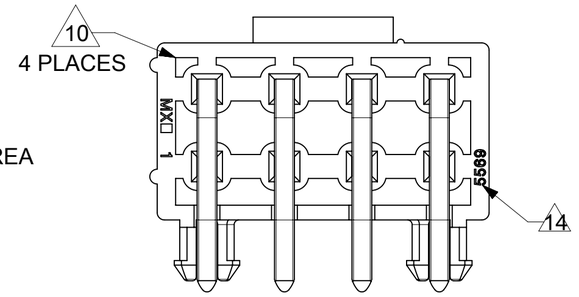
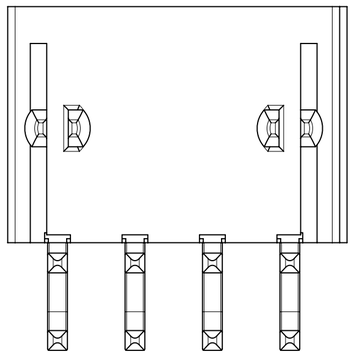
PART NUMBER	POLARIZATION TYPE	HOUSING MATERIAL	PLATING OPTION △2	PACKAGING △4	PIN IDENTIFICATION PER CIRCUIT, SEE NOTE 7							
					CKT. 1	CKT. 2	CKT. 3	CKT. 4	CKT. 5	CKT. 6	CKT. 7	CKT. 8
455860005	THIRD GENERATION	NYLON	GS	TRAY	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.
455860105	THIRD GENERATION	NYLON	MS	TRAY	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.
455860006	THIRD GENERATION	NYLON	GS	TAPE & REEL	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.
455860106	THIRD GENERATION	NYLON	MS	TAPE & REEL	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.
455861006	THIRD GENERATION	LCP	GS	TAPE & REEL	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.
455861106	THIRD GENERATION	LCP	MS	TAPE & REEL	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.
455861206	THIRD GENERATION	LCP	MS	TRAY	STD.	STD.	STD.	STD.	STD.	STD.	STD.	STD.



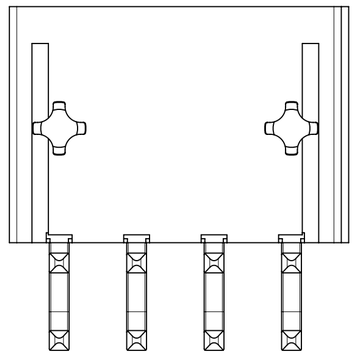
THIRD GENERATION POLARIZATION



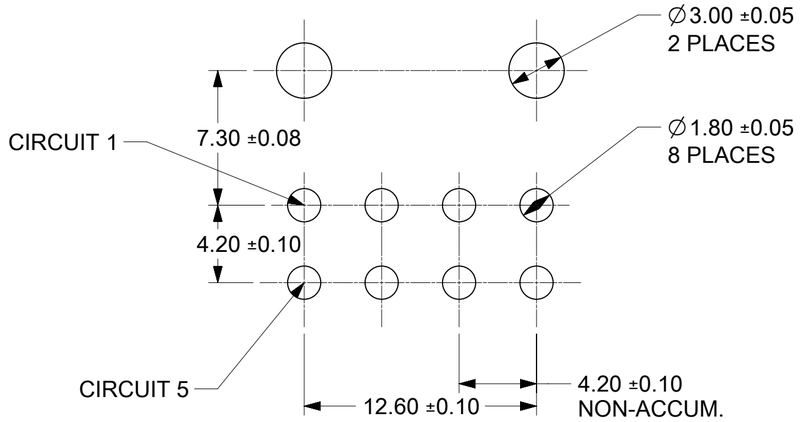




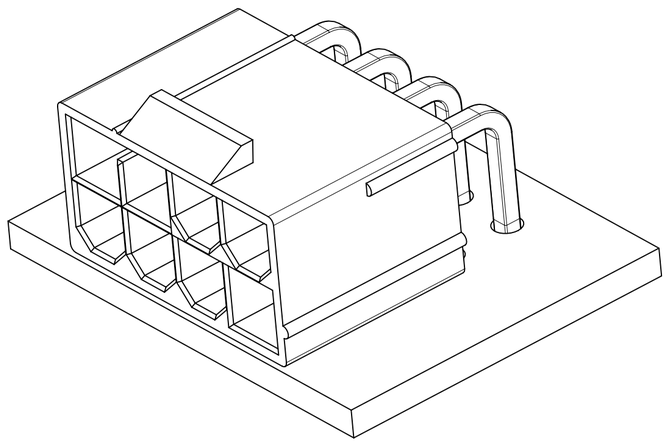
455860*0*



455861*06



RECOMMENDED HOLE LAYOUT FOR
1.78 MAX. THICK P.C. BOARD.
VIEWED FROM COMPONENT SIDE OF BOARD



NOTES:
1) MATERIAL:
HOUSING: NYLON, UL94V-0, COLOR: BLACK
LCP, UL94V-0, COLOR: BLACK
TERMINAL: BRASS
△2 FINISH (TERMINAL PLATING):
"GS" = .000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) SELECT MATTE TIN OVER
.000050/(0.00127) NICKEL OVERALL
"MS" =.000100/(0.00254) MIN MATTE TIN OVER
.000050/(0.00127) MIN NICKEL OVERALL
3) PRODUCT SPECIFICATON: PS-5556-001
△4 PACKAGING:
"TRAY" PER PK-5569-003
"TAPE & REEL" PER RPK-5569-004
5) 455860*05 & 45586**06 HEADER ASSEMBLIES MATE WITH 455870004 RECEPTACLE HOUSING.
6) PART IS NOT DESIGNED FOR CURENT SHARING.
7) PIN I.D.: STD = STANDARD LENGTH PIN
8) ALL DIMENSIONS ARE REFERENCE UNLESS OTHERWISE SPECIFIED WITH A TOLERANCE.
9) PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
△10 CORNER CORE-OUTS ARE OPTIONAL AND MAY OR MAY NOT BE PRESENT.
11) FULL RIB INDICATES CIRCUIT NUMBER 1.
12) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
13) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
△14 TEXT SHOWN IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL
15 THE TIN PLATED VERSION COMPLIES WITH PCIE-CEM SPEC.

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

DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.25
1 PLACE	± 0.38
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 787245
DRWN: JERRYW8 2024/02/21
CHK'D: XQZHANG 2024/05/24
APPR: XQZHANG 2024/05/24

INITIAL REVISION:
DRWN: PKH 2017/09/07
APPR: FSMITH 2017/09/22

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 45586

molex

8 CKT. RT AN HDR ASSY.,
SPECIAL POLARIZATION, MINI-FIT JR. SERIES

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
455860000-SD	PSD	000	A4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2024/05/24 03:55:19

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01