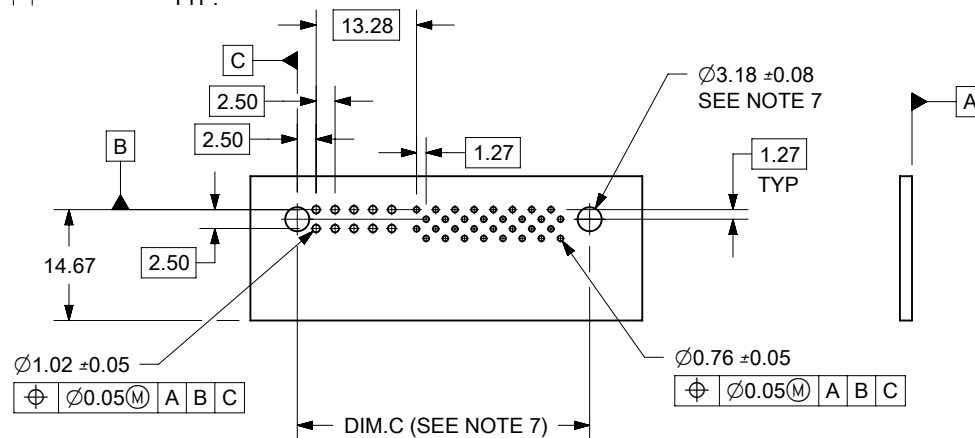
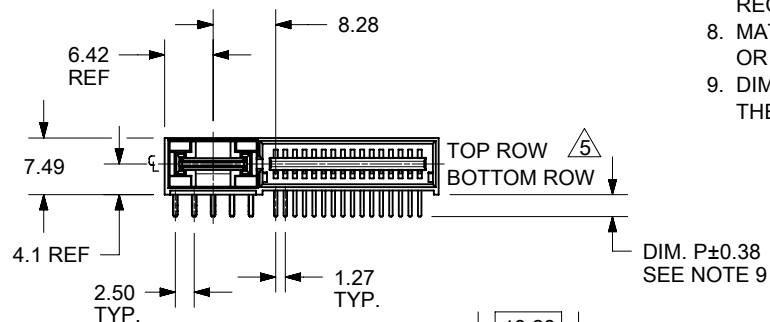
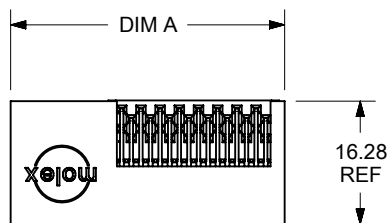


459852163
(SHOWN FOR REFERENCE)
SEE CHART

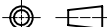
NOTES:

1. MATERIAL:

HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER),
UL94V-0, COLOR: BLACK
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE

2. FINISH: SELECT GOLD 0.76 MICROMETER/30 MICROINCH MINIMUM,
SELECT TIN 3.81 MICROMETER/150 MICROINCH MINIMUM,
BOTH OVER NICKEL 1.27 MICROMETER/50 MICROINCH MINIMUM.
3. PRODUCT SPECIFICATION: PS-45984-001.
4. PACKAGING SPECIFICATION: TRAY PER PK-45984-001.
5. SEE SHEET 5 FOR CIRCUIT IDENTIFICATION.
6. PARTS ARE RoHS COMPLIANT.
7. PEG HOLES ARE OPTICAL PCB FEATURES AND ARE REQUIRED ONLY WITH THE PEGGED OPTIONS.
8. MATES WITH MOLEX R/A RECEPTACLE SERIES 45984-2***
OR VERTICAL RECEPTACLE SERIES 46114-2***
9. DIM. P TO BE MEASURED FROM THE HOUSING STAND-OFF TO
THE TERMINAL TIP.

	NO. OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
	12	459852111	24.23	4.50	3.18
	16	459852121	26.77		
	20	459852131	29.30		
	24	459852141	31.84		
	28	459852151	34.37		
	32	459852161	36.91		
	36	459852171	39.44		
	40	459852181	41.98		
①	12	459852112	24.23	3.60	2.36
	16	459852122	26.77		
	20	459852132	29.30		
	24	459852142	31.84		
	28	459852152	34.37		
	32	459852162	36.91		
	36	459852172	39.44		
	40	459852182	41.98		
	12	459852113	24.23	2.90	1.57
	16	459852123	26.77		
	20	459852133	29.30		
	24	459852143	31.84		
	28	459852153	34.37		
	32	459852163	36.91		
	36	459852173	39.44		
	40	459852183	41.98		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS mm		SCALE 1:1	CURRENT REV DESC: UPDATED THE TYPO IN MATERIAL TABLE AND TITLE BLOCK EC NO: 797031 DRWN: SACHIK7 2024/09/02 CHK'D: SACHIK7 2024/09/02 APPR: HTHYAGARAJ 2024/09/12 INITIAL REVISION: DRWN: GSHARMA 2020/03/09 APPR: HTHYAGARAJ 2021/05/24				molex LPH PLUG ASSEMBLY RT ANGLE 2 CIRCUIT POWER CONNECTOR PRODUCT CUSTOMER DRAWING					
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL ± 0.5°												
4 PLACES ±												
3 PLACES ±												
2 PLACES ± 0.25								DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1 PLACE ±								459850200		PSD	000	A1
0 PLACES ±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A-SIZE		SERIES 45985	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 5	

