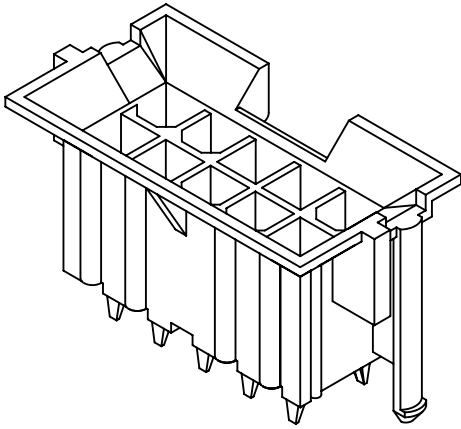
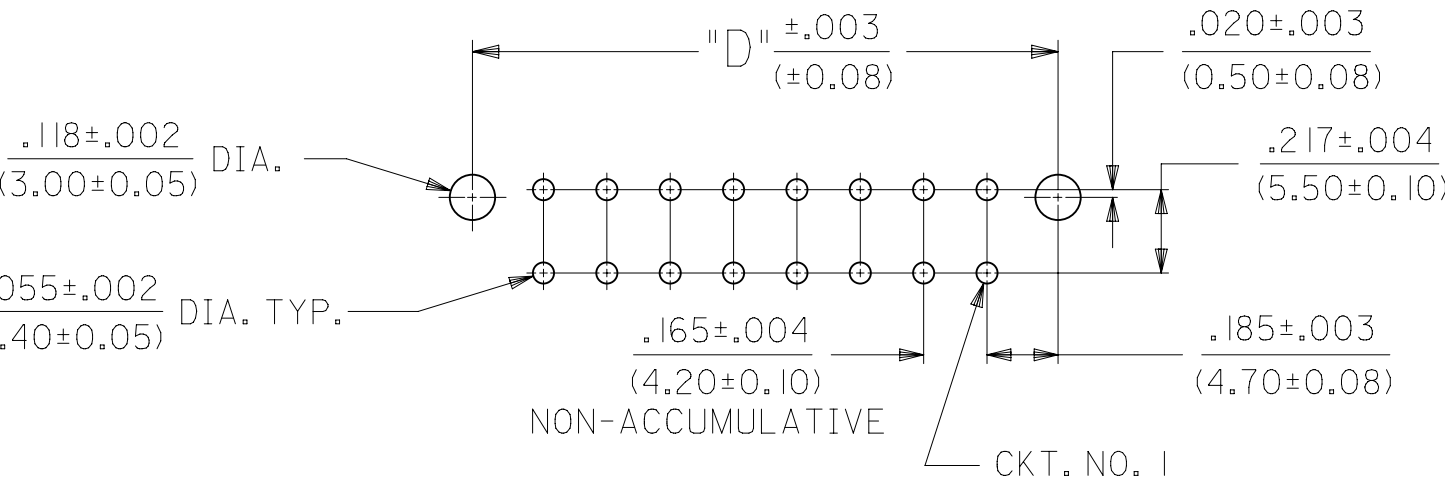
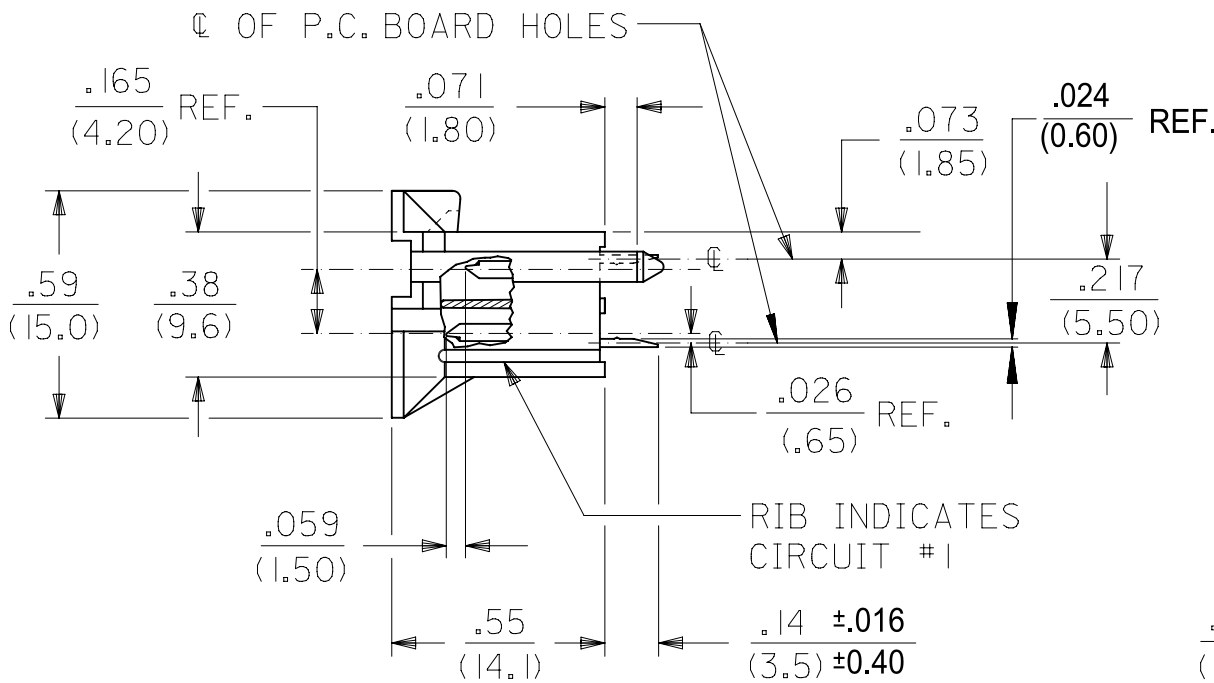
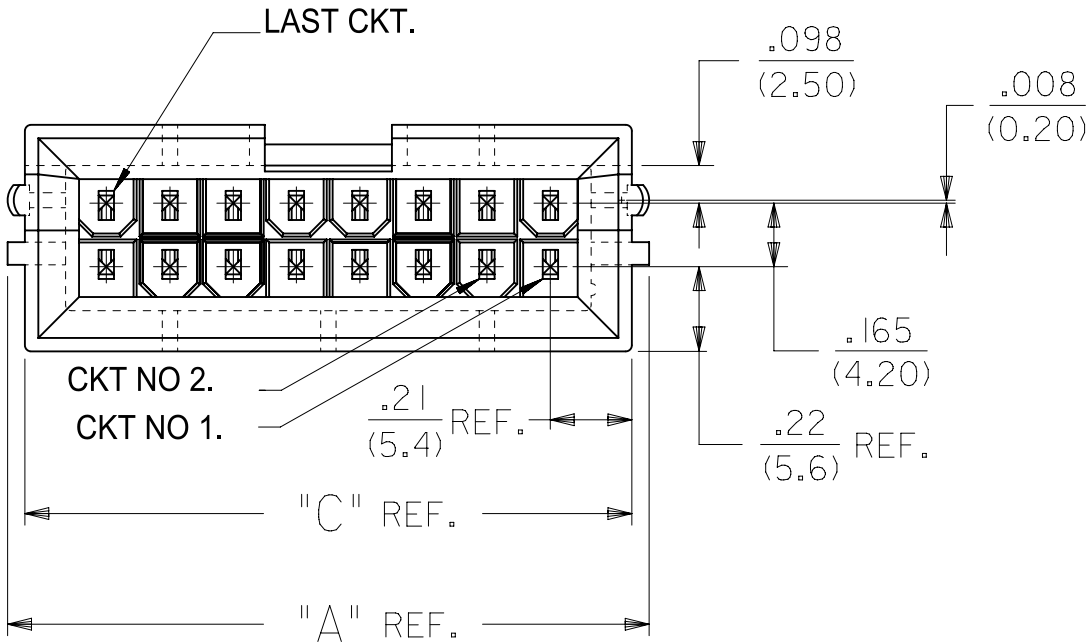
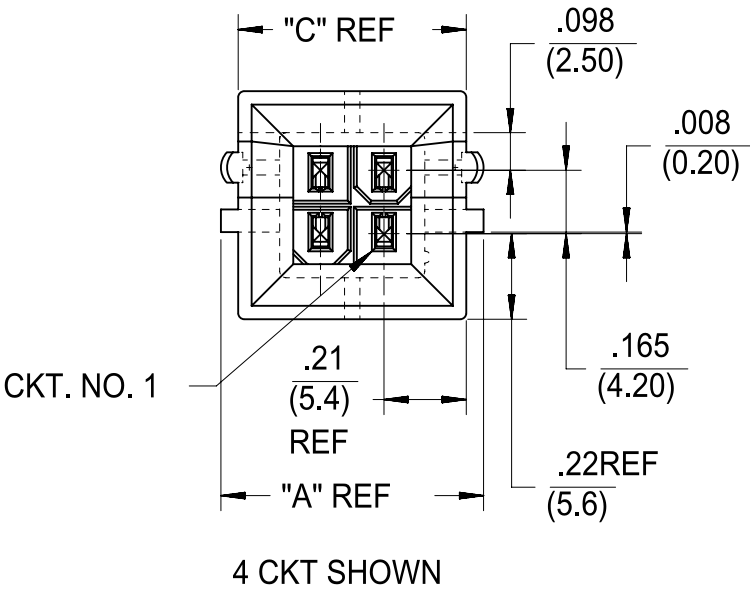


CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"
2	.520 (13.20)	—	.425 (10.80)	.370 (9.40)	.21 (5.4)
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866 (22.00)	.71 (18.0)
10	1.181 (30.00)	.66 (16.8)	1.087 (27.60)	1.031 (26.20)	.87 (22.2)
12	1.346 (34.20)	.83 (21.0)	1.252 (31.80)	1.197 (30.40)	1.04 (26.4)
14	1.512 (38.40)	.99 (25.2)	1.417 (36.00)	1.362 (34.60)	1.20 (30.6)
16	1.677 (42.60)	1.16 (29.4)	1.583 (40.20)	1.528 (38.80)	1.37 (34.8)
18	1.843 (46.80)	1.32 (33.6)	1.748 (44.40)	1.693 (43.00)	1.54 (39.0)
20	2.008 (51.00)	1.49 (37.8)	1.913 (48.60)	1.858 (47.20)	1.70 (43.2)
22	2.173 (55.20)	1.65 (42.0)	2.079 (52.80)	2.024 (51.40)	1.87 (47.4)
24	2.339 (59.40)	1.82 (46.2)	2.244 (57.00)	2.189 (55.60)	2.03 (51.6)

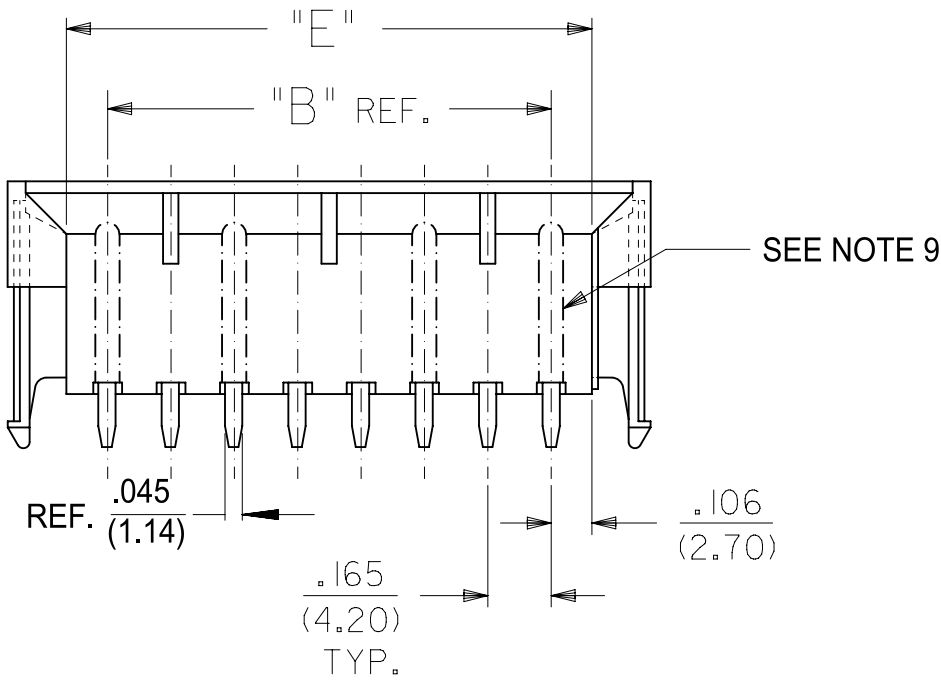


NOTES:

- 1) MATERIAL:
HOUSING MATERIAL:
A=NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL
B=NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL
TERMINALS: BRASS
- 2) TERMINAL PLATING:
A=.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL
D=.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL
E=.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL
- 3) PRODUCT SPECIFICATION: PS-5556-002
- 4) PACKAGING: TRAY PACK PER PK-42440-001
- 5) PART MATES WITH MINI-FIT RECEPTACLES 5557, 42474,44516 AND BMI HEADER 42385.
- 6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
- 7) THIS PART IS NOT DESIGNED FOR CURRENT SHARING.
- 8) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 9) RIB LOCATION IS DETERMINED BY MOLD DESIGN FOR MANUFACTURING EASE AND THE LOCATION DOES NOT AFFECT PART FUNCTION OR PERFORMANCE. LOCATION OF RIBS MAY VARY ON PARTS WITHIN MANUFACTURING LOT OR SHIPMENT. THIS DRAWING SHOWS TYPICAL RIB LOCATIONS.
- 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION' PS-45499-002.



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD



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: Change from Restricted customer to General market.			molex					
INCH/mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Xiao Wei Wang 2026-04-09 CHK'D: Xiao Wei Wang 2026-04-16 APPR: Xue Qing Zhang 2026-04-16			2-24 CKT VERT HDR ASSY					
4 PLACES		±	MM	±	PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	
3 PLACES		±		± 0.0100								
2 PLACES		±	0.250	± 0.014				434590000-SD	PSD	000	A2	
1 PLACE		±	0.36	±								
0 PLACES		±			INITIAL REVISION:							
ANGULAR TOL		±	3°	DRWN: LSCHWALLER 2020/07/10								
				APPR: FSMITH 2020/07/30								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	43459	SEE CHART		GENERAL MARKET		1 OF 3

12		11		10				9				8				7				6					
ITEM NO.	CHARACTERISTIC DESCRIPTION	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: (SEE CODES AT RIGHT)																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
43459-0001	04 A AA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0002	04 B AA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0003	04 A AA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0004	04 B AA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0005	10 A AD	5	5	5	5	5		5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0006	10 B AD	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0007	10 A AE	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0008	10 B AE	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0009	18 A AD	9	9	9	9	5	5	9	9	9	9	9	9	9	5	5	9	9	9	-	-	-	-	-	-
43459-0011	24 A AD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
43459-0012	24 B AD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
43459-0013	24 B AD	9	9	9	9	9	9	9	9	9	9	9	9	9	9	5	9	9	9	9	9	9	9	9	9
43459-0014	18 B AD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-
43459-0015	18 B AE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-
43459-0016	14 B AD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-
43459-0017	18 B AD	9	9	9	9	5	5	9	9	9	9	9	9	9	5	5	9	9	9	-	-	-	-	-	-
43459-0018	10 A AA	8	8	8	8	8	8	8	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0019	10 B AE	3	3	3	10	10	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0020	18 A AE	10	-	10	10	10	10	10	10	10	3	3	10	10	10	10	10	10	10	-	-	-	-	-	-
43459-0021	10 A AD	5	9	9	9	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0022	10 A AD	5	9	9	9	9	5	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0023	14 A AD	5	9	9	9	9	9	9	9	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-
43459-0024	14 A AD	5	9	9	9	9	9	9	5	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-
43459-0025	18 B AE	10	10	10	10	10	10	10	-	10	10	10	10	10	10	10	3	-	10	-	-	-	-	-	-
43459-0026	10 B AE	10	-	10	-	10	10	-	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0027	24 B AE	10	10	10	10	10	10	10	10	10	10	-	10	10	10	10	10	10	10	10	10	10	10	-	10
43459-0028	24 A AE	3	10	10	10	10	10	10	10	10	10	10	3	3	10	10	10	10	10	10	10	10	10	10	3
43459-0029	14 B AE	10	10	10	10	10	10	10	10	10	3	10	10	10	10	-	-	-	-	-	-	-	-	-	-
43459-0030	04 B AE	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0031	18 B AE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-
43459-0032	10 B AE	3	10	10	10	10	3	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0033	14 B AE	3	10	10	10	10	10	3	10	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-
43459-0034	14 B AE	10	10	10	10	10	10	10	10	10	10	3	10	10	10	-	-	-	-	-	-	-	-	-	-

5		4		3		2		1	
				TERM. CODES FOR CHART AT LEFT					
				TERMINAL NO.		PLATING / MATERIAL			
				1=MAKE-FIRST		A		BRASS	
				----		---		----	
				3=MAKE-FIRST		E		BRASS	
				----		---		----	
				5=MAKE-FIRST		D		BRASS	
				----		---		----	
				----		---		----	
				8=STANDARD		A		BRASS	
				9=STANDARD		D		BRASS	
				10=STANDARD		E		BRASS	

CHARACTERISTICS LEGEND:

CIRCUIT SIZE: _____

(02-24)

HOUSING MATERIAL AND OPTIONS: _____

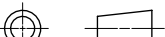
"A"=NYLON 6/6, U.L. 94V-2, COLOR: NATURAL.
"B"=NYLON 6/6, U.L. 94V-0, COLOR: NATURAL.

TERMINAL MATERIAL: _____

"A"=BRASS

TERMINAL PLATING (SEE NOTE 2): _____

"A"=.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL'
"D"=.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL
"E"=.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT'
MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL

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: Change from Restricted customer to General market.					molex									
INCH/mm		NTS																
GENERAL TOLERANCES (UNLESS SPECIFIED)									STATUS: Production DRWN: Xiao Wei Wang 2026-04-09 CHK'D: Xiao Wei Wang 2026-04-16 APPR: Xue Qing Zhang 2026-04-16 INITIAL REVISION: DRWN: LSCHWALLER 2020/07/10 APPR: FSMITH 2020/07/30					2-24 CKT VERT HDR ASSY				
		MM	INCH															
4 PLACES	±		±															
3 PLACES	±		± 0.0100															
2 PLACES	±	0.250	± 0.014															
1 PLACE	±	0.36	±						PRODUCT CUSTOMER DRAWING									
0 PLACES	±		±															
ANGULAR TOL				±	3°						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER			SHEET NUMBER			
						C-SIZE		43459		434590000-SD		PSD			000		A2	
										SEE CHART		GENERAL MARKET			2 OF 3			

[illegible]