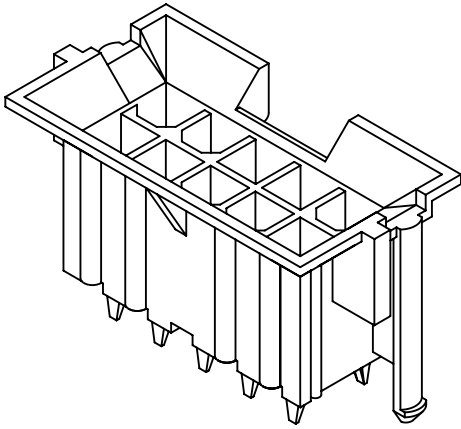
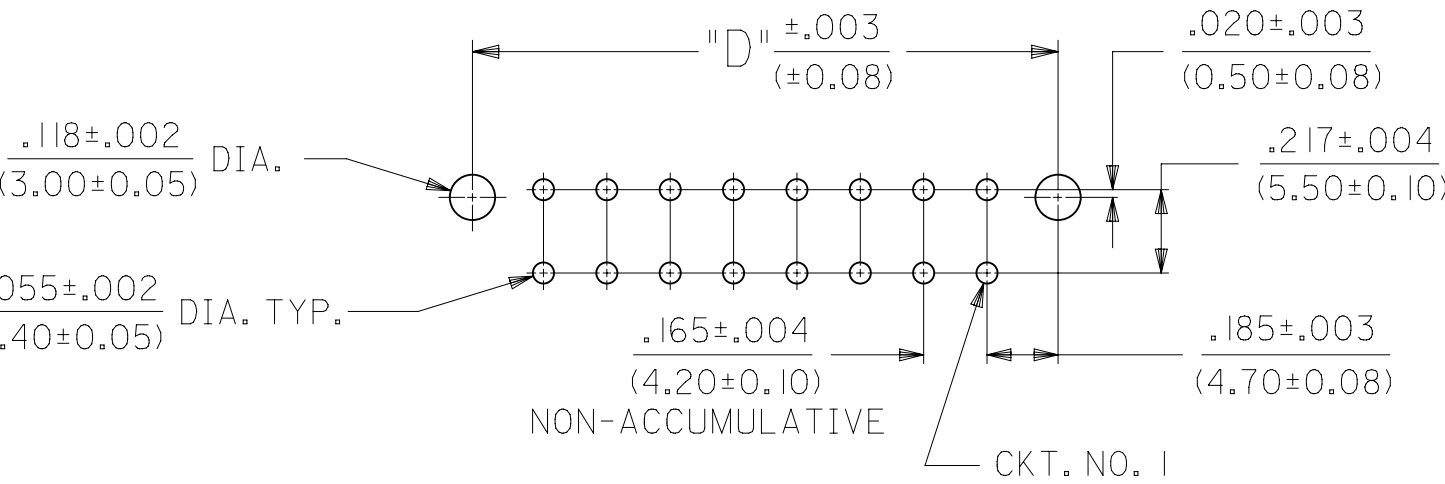
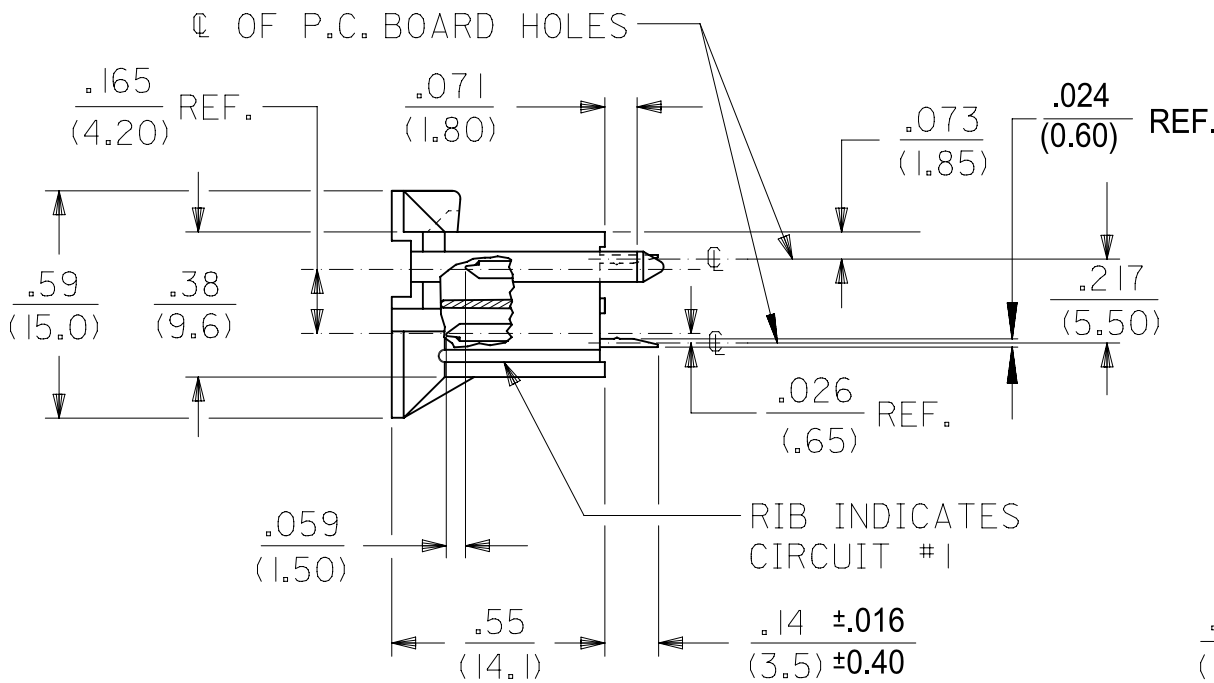
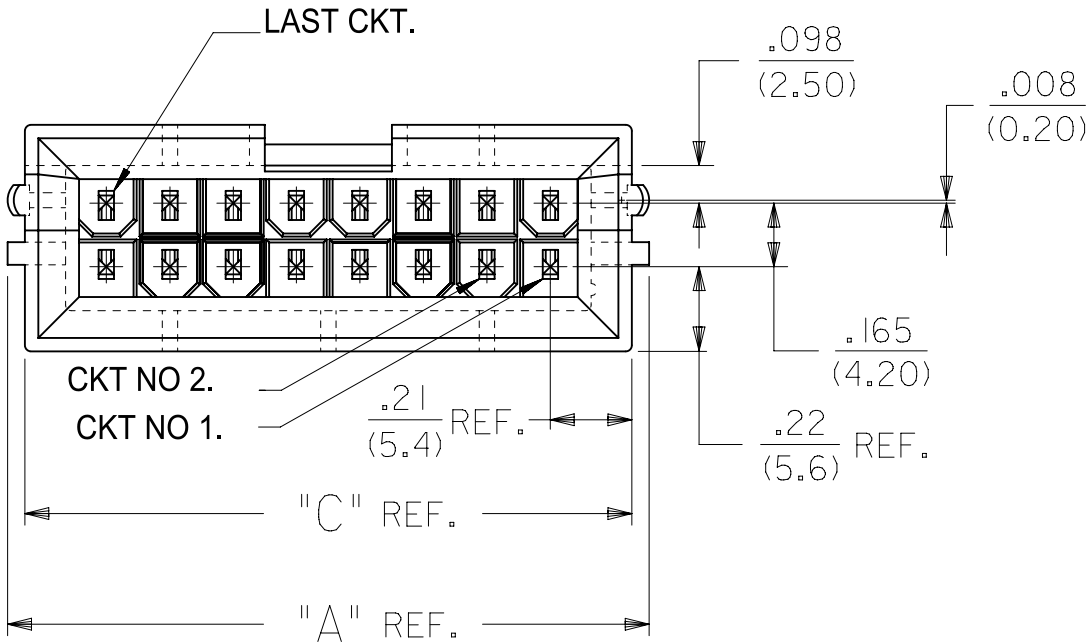
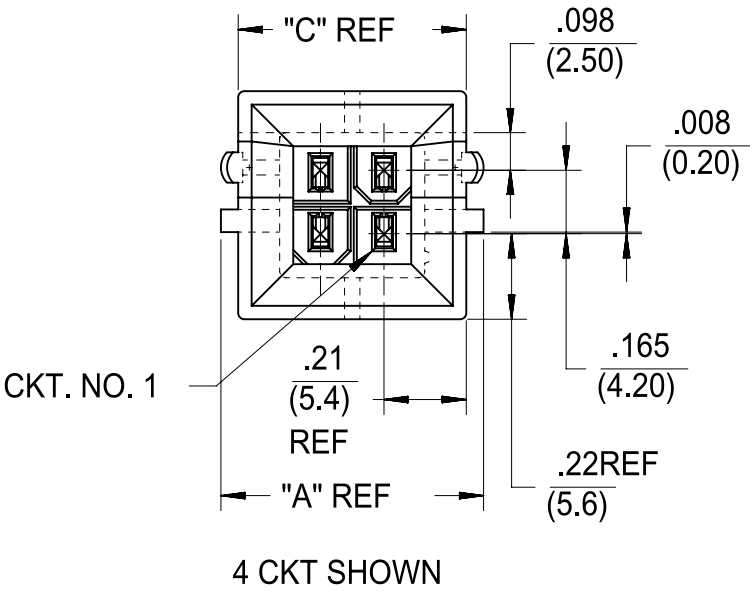


CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"
2	.520 (13.20)	—	.425 (10.80)	.370 (9.40)	.21 (5.4)
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866 (22.00)	.71 (18.0)
10	1.181 (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)

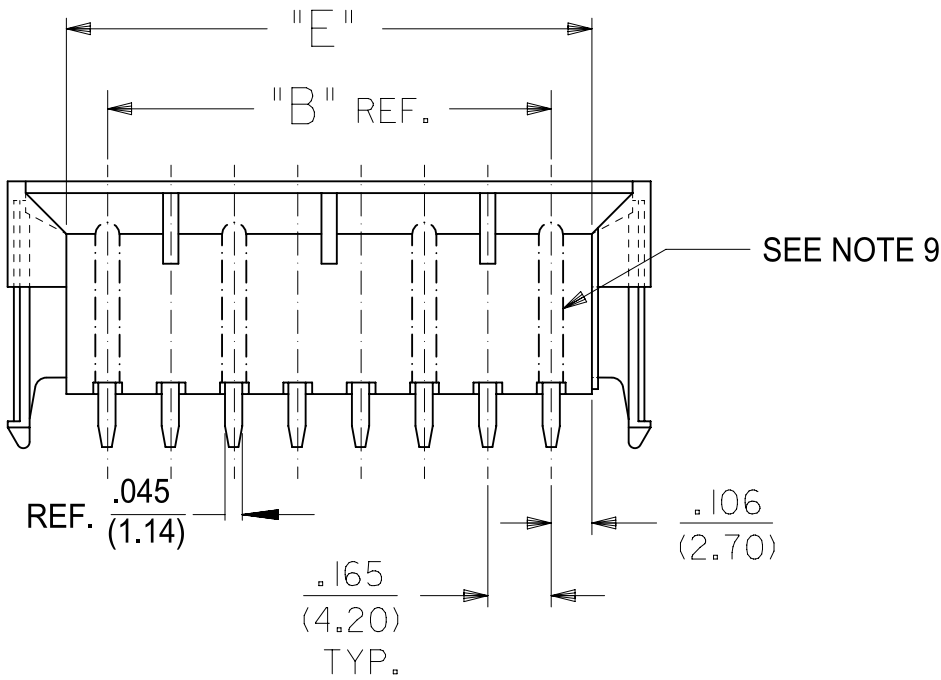


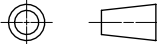
NOTES:

- 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	
		MM	INCH								
4 PLACES	±		±								
3 PLACES	±		± 0.0100								
2 PLACES	±	0.250	± 0.014								
1 PLACE	±	0.36	±	INITIAL REVISION: DRWN: LSCHWALLER 2020/07/10 APPR: FSMITH 2020/07/30				PRODUCT CUSTOMER DRAWING			
0 PLACES	±		±								
ANGULAR TOL ± 3°				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				434590000-SD		PSD		000	A2		
				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	-	-	-	-	-	-	-	-	-	-

TERM. CODES FOR CHART AT LEFT		
TERMINAL NO.	PLATING	MATERIAL
I=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

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DIMENSION UNITS

INCH/mm

SCALE

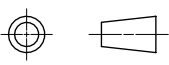
NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.0100
2 PLACES	± 0.250	± 0.014
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	±	3°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

43459

CURRENT REV DESC: Change from Restricted customer to General market.

STATUS: Production

DRWN: Xiao Wei Wang

CHK'D: Xiao Wei Wang

APPR: Xue Qing Zhang

2026-04-09

2026-04-16

2026-04-16

INITIAL REVISION:

DRWN: LSCHWALLER

APPR: FSMITH

2020/07/10

2020/07/30

DOCUMENT NUMBER

434590000-SD

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

PRODUCT CUSTOMER DRAWING

2-24 CKT VERT HDR ASSY

DOC TYPE

PSD

DOC PART

000

REVISION

A2

12

11

10

9

8

7

6

5

4

3

2

1

FORMAT: EngAsgp-TC-Repnd-C

REVISION: 01

DATE: 10/01/2021

