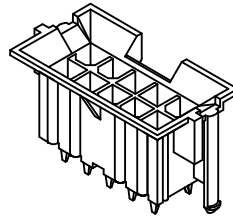


13		12		11		10	
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"		
2	.520 (13.20)	—	.425 (10.80)	.370 (9.40)	.21 (5.4)		
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)		
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)		
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866 (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.

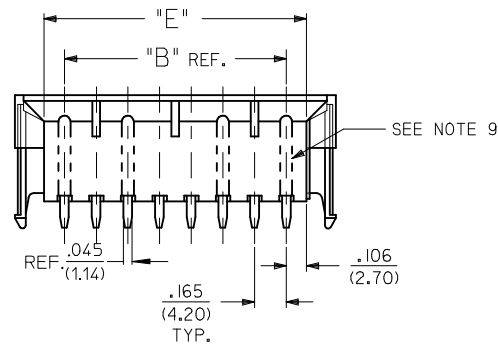
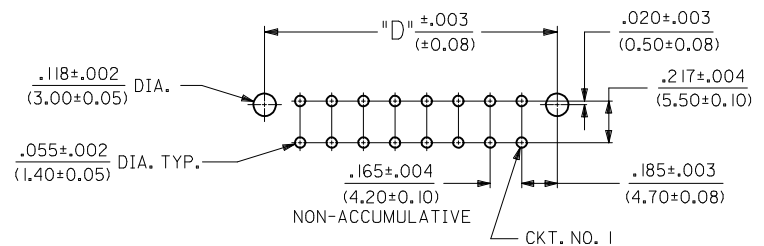
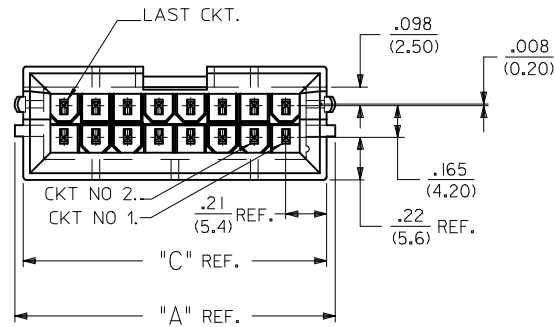
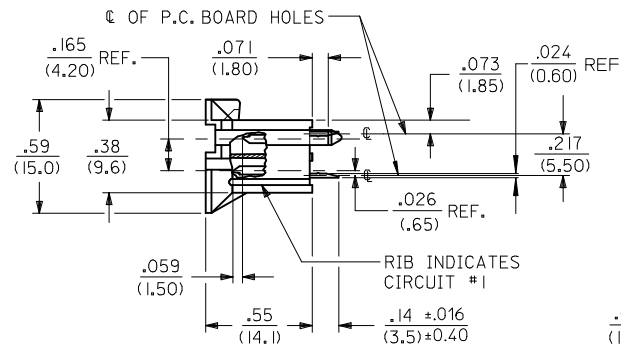
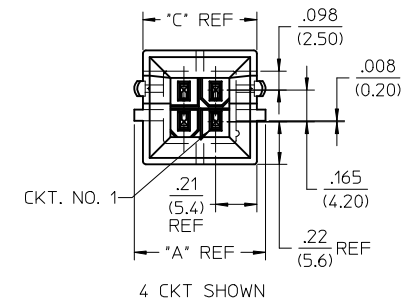
6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.

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

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				IN/MM		2:1	METRIC		
				mm	INCH	DRAWN BY	DATE		
				± .005	± .005	AFG	1994/12/07		
				± .010	± .010	CHECKED BY	DATE		
				± .014	± .014	RJF	1994/12/07		
				± .036	± .036	APPROVED BY	DATE		
				± .005	± .005	FSMITH	2012/05/22		
						MATERIAL NO.		DOCUMENT NO.	
						SEE CHART		SDA-43459-****	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.	
								1 OF 3	

[illegible]

13		12		11		10		9		8		7		6		5		4		3		2		1						
ITEM NO.		CHARACTERISTIC DESCRIPTION		TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: (SEE CODES AT RIGHT)																								TERM. CODES FOR CHART AT LEFT		
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TERMINAL NO.	PLATING /	MATERIAL
J	43459-0035	10BAD		5	9	9	9	9	5	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	I=MAKE-FIRST	A	BRASS
	43459-0036	10BAE		10	3	10	10	10	10	3	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	----	---	----	
	43459-0037	10BAE		3	10	10	10	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	3=MAKE-FIRST	E	BRASS	
I	43459-0038	24AAD		9	9	9	9	9	9	9	9	9	9	5	9	9	9	9	9	9	9	9	9	9	9	9	9	----	---	----
	43459-0039	14BAE		3	10	10	10	10	10	10	3	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	5=MAKE-FIRST	D	BRASS	
	43459-0040	10AAD		9	9	9	9	9	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	----	---	----	
H	43459-0041	6AAA	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	----	---	----	
	43459-0042	18BAE		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	10	10	-	-	-	-	-	8=STANDARD	A	BRASS	
	43459-0043	24AAA		8	8	8	8	8	8	8	-	1	1	-	8	8	8	8	8	8	8	8	-	1	1	-	8	9=STANDARD	D	BRASS
G	43459-0044	10BAE		10	10	10	3	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	10=STANDARD	E	BRASS	
	43459-0045	10BAE		10	3	3	10	10	3	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-				
	43459-0046	10BAE		10	10	10	10	10	10	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-				
F	43459-0047	24BAE		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
	43459-0048	04BAD		9	5	5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	43459-0049	04BAE		10	3	3	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
E	43459-0050	18BAE		3	3	3	3	3	3	3	3	3	10	3	3	3	3	3	3	3	3	-	-	-	-	-				
	43459-0052	24BAD		9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9				
	43459-0053	24BAE		10	10	10	10	3	3	3	10	10	10	10	10	10	10	10	3	3	3	10	10	10	10	10	10			
D	43459-0054	24BAA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	43459-0055	14BAA		8	8	8	1	1	8	8	8	8	8	1	8	8	8	-	-	-	-	-	-	-	-	-				
"O" = OBSOLETE																														
CIRCUIT SIZE: _____																														
HOUSING MATERIAL AND OPTIONS: _____																														
TERMINAL MATERIAL: _____																														
TERMINAL PLATING (SEE NOTE 2): _____																														
CHARACTERISTICS LEGEND:																														

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

43459-0034