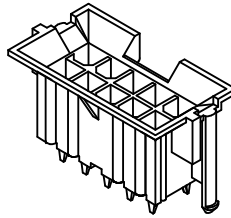


13		12		11		10	
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"		
2	.520 (13.20)	—	.425 (10.80)	.370 (9.40)	.21 (5.4)		
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)		
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)		
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866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

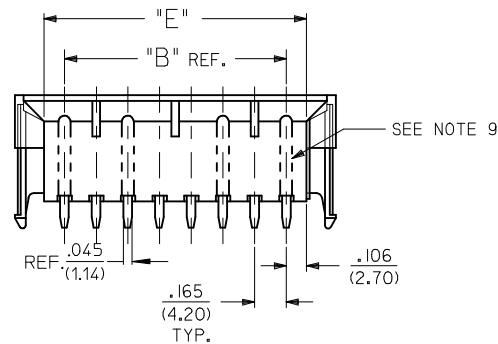
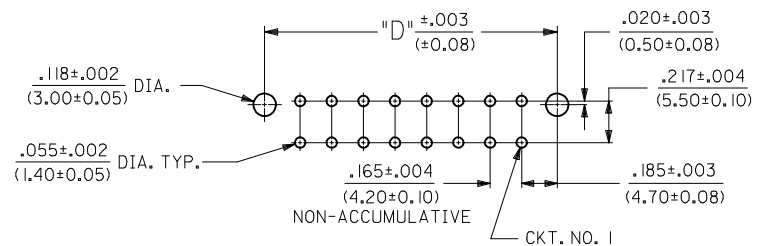
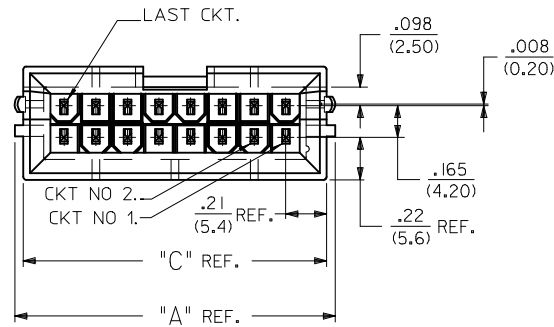
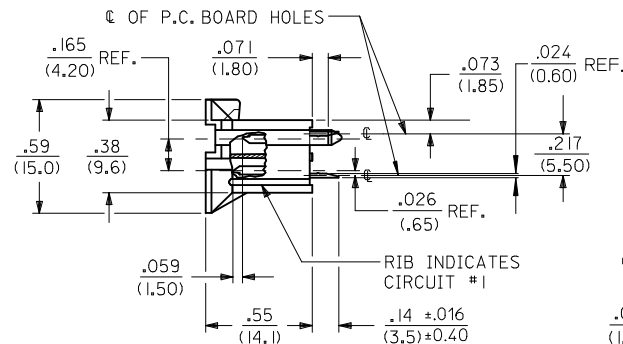
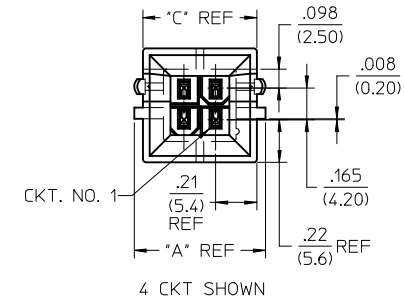
6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.

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

ADD 43459-0055 EC NO: UCP2015-1722 DRWN: DFOX CHKD: JBELL APPR: FSMITH 2014/10/23 2014/10/23 2014/10/27	DESCRIPTION REV	QUALITY SYMBOLS <div>F=0</div> <div>E=0</div> <div>F=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE 2-24 CKT. VERT. HEADER MINI-FIT B.M.I. MAKE FIRST/BREAK LAST molex	
				mm	INCH	DRAWN BY	DATE				
			4 PLACES	± ---	± ---	AFG	1994/12/07				
			3 PLACES	± ---	± .010	CHECKED BY	DATE				
			2 PLACES	± 0.25	± .014	RJF	1994/12/07				
			1 PLACE	± 0.36	± ---	APPROVED BY	DATE				
			0 PLACE	± ---	± ---	FSMITH	2012/05/22				
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43459-****		1 OF 3		
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

[illegible]

	13	12	11		10		9		8		7		6		5		4		3		2		1							
J	ITEM NO.	CHARACTERISTIC DESCRIPTION	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: (SEE CODES AT RIGHT)																								TERM. CODES FOR CHART AT LEFT			J
			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	
	43459-0035	I0BAD			5	9	9	9	9	5	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-		I=MAKE-FIRST	A	BRASS	
	43459-0036	I0BAE			10	3	10	10	10	10	3	10	10	10	-	-	-	-	-	-	-	-	-	-	-		----	---	----	
	43459-0037	I0BAE			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		----	---	----	
	43459-0039	I4BAE			3	10	10	10	10	10	10	3	10	10	10	10	10	-	-	-	-	-	-	-	-		5=MAKE-FIRST	D	BRASS	
	43459-0040	I0AAD			9	9	9	9	9	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-		----	---	----	
H	43459-0041	6AAA	O		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		----	---	----		
	43459-0042	I8BAE			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	-	I	I	-	8	8	8	8	8	8	8	-	I	I	-	8	9=STANDARD	D	BRASS
G	43459-0044	I0BAE			10	10	10	3	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-		10=STANDARD	E	BRASS	
	43459-0045	I0BAE			10	3	3	10	10	3	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-					
	43459-0046	I0BAE			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					
	43459-0048	04BAD			9	5	5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	43459-0049	04BAE			10	3	3	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
E	43459-0050	I8BAE			3	3	3	3	3	3	3	3	3	10	3	3	3	3	3	3	-	-	-	-	-					
	43459-0052	24BAD			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	3	3	3	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					
	43459-0055	14BAA			8	8	8	1	1	8	8	8	8	8	1	8	8	8	-	-	-	-	-	-	-					
	"O" = OBSOLETE																								CHARACTERISTICS LEGEND:					
C																									CIRCUIT SIZE: _____					
																									(02-24)					
																									HOUSING MATERIAL AND OPTIONS: _____					
B																									*A*=NYLON 6/6, U.L. 94V-2, COLOR: NATURAL.					
																									B=NYLON 6/6, U.L. 94V-0, COLOR: NATURAL.					
																									TERMINAL MATERIAL: _____					
A																									*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					
																								SEE SHEET 1						
																								EC NO: UCP2015-1722						
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