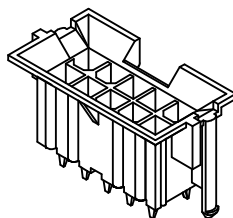


13		12		11		10	
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"		
2	.520 (13.20)	—	.425 (10.80)	.370 (9.40)	.21 (5.4)		
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)		
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)		
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866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

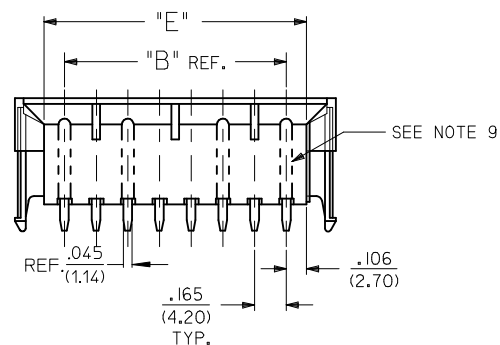
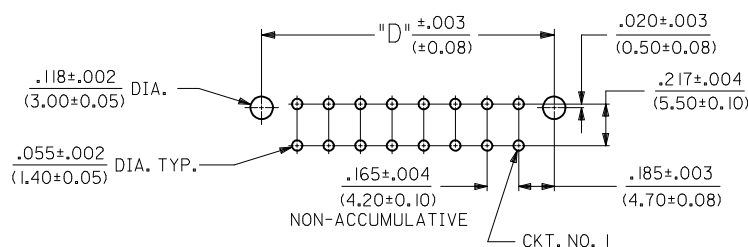
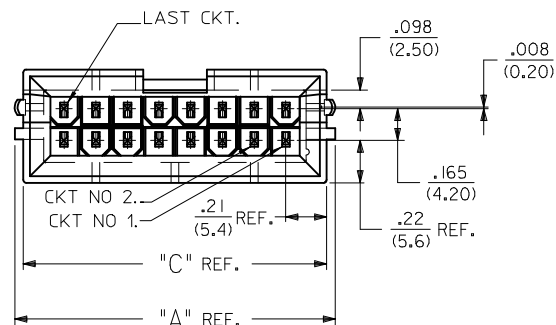
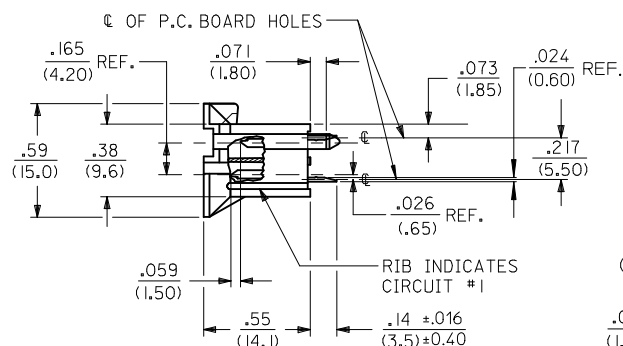
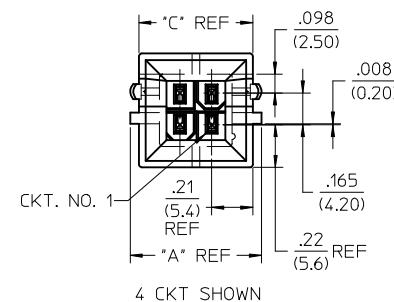
6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.

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: DFO CHKD: JBEL APPR: FSMITH	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						IN/MM		2:1	METRIC			
				mm	INCH	DRAWN BY	DATE	TITLE 2-24 CKT. VERT. HEADER MINI-FIT B.M.I. MAKE FIRST/BREAK LAST molex				
			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	DOCUMENT NO.		SHEET NO.		
			ANGULAR ±1/2°			MATERIAL NO.		SDA-43459-****		1 OF 3		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART						
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

		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	
J		43459-0001		04AAA		1		1		8		8		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-			
		43459-0002		04BAA		1		1		8		8		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-			
		43459-0003		04AAA		1		1		8		8		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-			
I		43459-0004		04BAA		1		1		8		8		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-			
		43459-0005		10AAD		5		5		5		5		5				5		5		5		5		-		-		-		-		-		-		-		-		-		-		-		-					
		43459-0006		10BAD		5		5		5		5		5		5		5		5		5		5		-		-		-		-		-		-		-		-		-		-		-		-					
H		43459-0007		10AAE		3		3		3		3		3		3		3		3		3		3		-		-		-		-		-		-		-		-		-		-		-		-					
		43459-0008		10BAE		3		3		3		3		3		3		3		3		3		3		-		-		-		-		-		-		-		-		-		-		-		-					
		43459-0009		18AAD		9		9		9		9		5		5		9		9		9		9		9		9		9		5		5		9		9		9		-		-		-		-		-			
G		43459-0011		24AAD		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5					
		43459-0012		24BAD		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5							
		43459-0013		24BAD		9		9		9		9		9		9		9		9		9		9		9		9		9		5		9		9		9		9		9		9		9							
F		43459-0014		18BAD		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5					
		43459-0015		18BAE		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3					
		43459-0016		14BAD		5		5		5		5		5		5		5		5		5		5		5		5		5		-		-		-		-		-		-		-		-		-					
E		43459-0017		18BAD		9		9		9		9		5		5		9		9		9		9		9		9		5		5		9		9		9		-		-		-		-		-					
		43459-0018		10AAA		8		8		8		8		8		8		1		1		1		1		-		-		-		-		-		-		-		-		-		-		-		-					
		43459-0019		10BAE		3		3		3		10		10		3		3		3		3		3		3		-		-		-		-		-		-		-		-		-		-		-					
D		43459-0020		18AAE		10		-		10		10		10		10		10		10		10		10		3		3		10		10		10		10		10		10		-		-		-		-					
		43459-0021		10AAD		5		9		9		9		9		9		9		9		9		9		-		-		-		-		-		-		-		-		-		-		-		-					
		43459-0022		10AAD		5		9		9		9		9		5		9		9		9		9		-		-		-		-		-		-		-		-		-		-		-		-					
C		43459-0023		14AAD		5		9		9		9		9		9		9		9		9		9		9		9		9		-		-		-		-		-		-		-		-		-					
		43459-0024		14AAD		5		9		9		9		9		9		9		5		9		9		9		9		9		-		-		-		-		-		-		-		-		-					
		43459-0025		18BAE		10		10		10		10		10		10		10		-		10		10		10		10		10		10		3		-		10		-		-		-		-							
B		43459-0026		10BAE		10		-		10		-		10		-		10		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-					
		43459-0027		24BAE		10		10		10		10		10		10		10		10		10		10		-		10		10		10		10		10		10		10		10		-		10							
		43459-0028		24AAE		3		10		10		10		10		10		10		10		10		10		10		3		3		10		10		10		10		10		10		10		3							
A		43459-0029		14BAE		10		10		10		10		10		10		10		10		10		10		3		10		10		10		10		-		-		-		-		-		-							
		43459-0030		04BAE		3		3		3		3		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
		43459-0031		18BAE		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		-		-		-		-							
		43459-0032		10BAE		3		10		10		10		10		3		10		10		10		10		-		-		-		-		-		-		-		-		-		-		-							
		43459-0033		14BAE		3		10		10		10		10		10		3		10		10		10		10		10		10		10		-		-		-		-		-		-		-							
		43459-0034		14BAE		10		10		10		10		10		10		10		10		10		10		10		3		10		10		-		-		-		-		-		-		-							
		SEE SHEET 1 EC NO: UCP2015-1722 DRWN: JFOX CHKD: JELL APPR: FSMITH 2014/10/23 2014/10/23 2014/10/27 REV QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± 0.25 1 PLACE ± 0.36 0 PLACE ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE MATERIAL NO. SIZE SCALE 1:1 TITLE 2-24 CKT. VERT. HEADER MINI-FIT B.M.I. MAKE FIRST/BREAK LAST moLEX DOCUMENT NO. SDA-43459-**** SHEET NO. 2 OF 3 THIRD ANGLE PROJECTION THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																			
		12		11		10		9		8		7		6		5		4		3		2		1																													
		12		11		10		9		8		7		6		5		4		3		2		1																													

	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	I0BAD																														J
	43459-0036	I0BAE																														
	43459-0037	I0BAE																														
I	43459-0038	24AAD																														
	43459-0039	I4BAE																														
	43459-0040	I0AAD																														
	43459-0041	6AAA	0																													
H	43459-0042	I8BAE																														
	43459-0043	24AAA																														
	43459-0044	I0BAE																														
G	43459-0045	I0BAE																														
	43459-0046	I0BAE																														
	43459-0047	24BAE																														
F	43459-0048	04BAD																														
	43459-0049	04BAE																														
	43459-0050	I8BAE																														
E	43459-0052	24BAD																														
	43459-0053	24BAE																														
	43459-0054	24BAA																														
	43459-0055	14BAA																														
"0" = OBSOLETE																																
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																																
SEE SHEET 1																																
EC NO: UCP2015-1722																																
2014/10/23																																
DRWN:JDFOX																																
2014/10/23																																
CHKD:JBELL																																
2014/10/27																																
APPR:FSMITH																																
REV																																
QUALITY SYMBOLS																																
GENERAL TOLERANCES (UNLESS SPECIFIED)																																
mm INCH																																
4 PLACES ± --- ± ---																																
3 PLACES ± --- ± .010																																
2 PLACES ± 0.25 ± .014																																
1 PLACE ± 0.36 ± ---																																
0 PLACE ± --- ± ---																																
ANGULAR ±1/2°																																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																
MATERIAL NO.																																
SEE CHART																																
DESIGN UNITS																																
SCALE 1:1																																
METRIC																																
THIRD ANGLE PROJECTION																																
TITLE																																
2-24 CKT. VERT. HEADER																																
MINI-FIT B.M.I.																																
MAKE FIRST/BREAK LAST																																
molex																																
DOCUMENT NO.																																
SDA-43459-****																																
SHEET NO.																																
3 OF 3																																
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																
1b_frame_C_P_AM_T																																
Rev. G 2012/01/11																																
12																																
11																																
10																																
9																																
8																																
7																																
6																																
5																																
4																																
3																																
2																																
1																																

Mouser Electronics

Authorized Distributor

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

Molex:

43459-0033