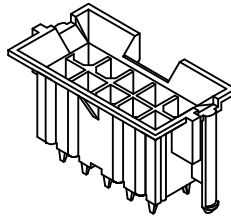


13		12		11		10	
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"		
2	.520 (13.20)	—	.425 (10.80)	.370 (9.40)	.21 (5.4)		
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)		
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)		
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866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

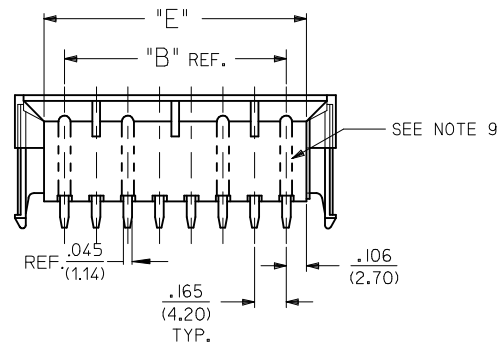
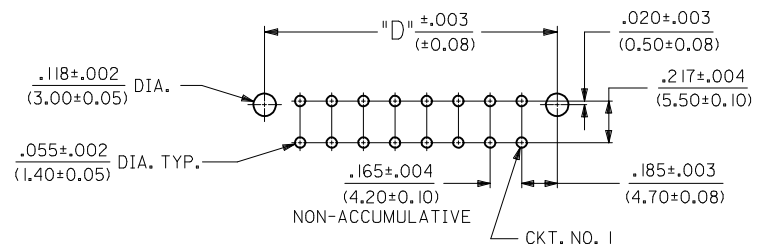
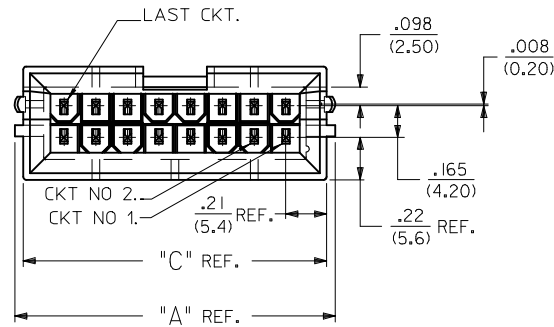
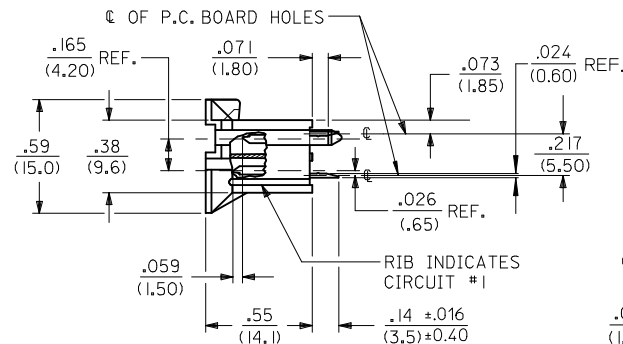
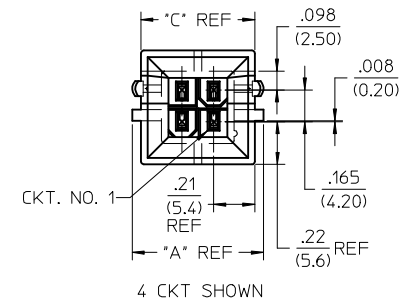
6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.

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 F13	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY AFG	DATE 1994/12/07	TITLE 2-24 CKT. VERT. HEADER MINI-FIT B.M.I. MAKE FIRST/BREAK LAST			
			4 PLACES	± ---	± ---	CHECKED BY RJF	DATE 1994/12/07	molex			
			3 PLACES	± ---	± .010	APPROVED BY DATE					
			2 PLACES	± 0.25	± .014	APPROVED BY DATE					
			1 PLACE	± 0.36	± ---	FSMITH 2012/05/22					
			0 PLACE	± ---	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			ANGULAR ±1/2°			SEE CHART		SDA-43459-****		1 OF 3	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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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		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		
	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	----	---	----		
I	43459-0039	I4BAE		3	10	10	10	10	10	10	3	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-	5=MAKE-FIRST	D	BRASS	
	43459-0040	I0AAD		9	9	9	9	9	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	----	---	----		
	43459-0041	6AAA	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	----	---	----		
	43459-0042	I8BAE		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	10	10	-	-	-	-	-	-	8=STANDARD	A	BRASS	
H	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	
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
G	43459-0046	I0BAE		10	10	10	10	10	10	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	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	3			G	
	43459-0048	04BAD		9	5	5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	43459-0049	04BAE		10	3	3	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	43459-0050	I8BAE		3	3	3	3	3	3	3	3	3	3	10	3	3	3	3	3	3	3	-	-	-	-	-	-				
F	43459-0052	24BAD		9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9			F
	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				
	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	1				
	43459-0055	14BAA		8	8	8	1	1	8	8	8	8	8	1	8	8	8	-	-	-	-	-	-	-	-	-	-				
E	"O" = OBSOLETE																														
D																															
C																															
B																															
A																															
1b_frame_C_P_AM_T Rev. G 2012/01/11				12		11		10		9		8		7		6		5		4		3		2		1					

SEE SHEET 1

EC NO: UCP2015-1722

2014/10/23

DRWN:JDOX

2014/10/23

CHKD:JBELL

2014/10/27

APPR:FSMITH

2014/10/27

REV

DESCRIPTION

QUALITY SYMBOLS

F13

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± ---

3 PLACES ± ---

2 PLACES ± 0.25

1 PLACE ± 0.36

0 PLACE ± ---

± ---

±.010

±.014

± ---

± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

FSMITH

2012/05/22

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

2-24 CKT. VERT. HEADER

MINI-FIT B.M.I.

MAKE FIRST/BREAK LAST

molex

MATERIAL NO.

SEE CHART

DOCUMENT NO.

SDA-43459-****

SHEET NO.

3 OF 3

SIZE

C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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