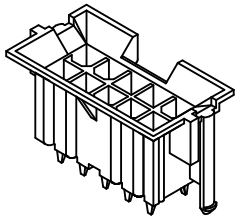
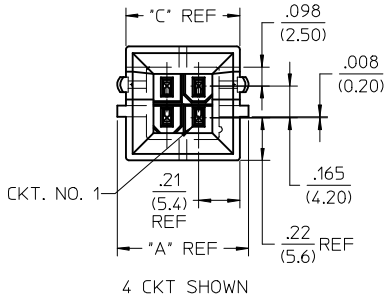
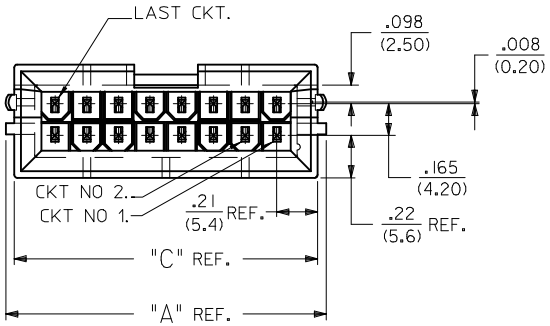
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"
2	.520 (13.20)	----	.425 (10.80)	.370 (9.40)	.21 (5.4)
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866 (22.00)	.71 (18.0)
10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

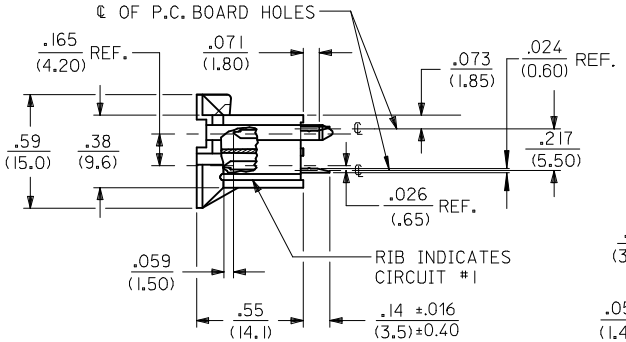


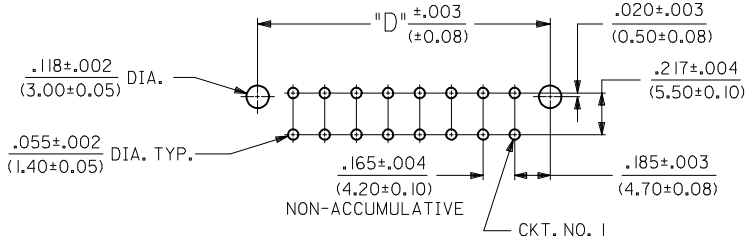
NOTES:
1) MATERIAL:
   HOUSING MATERIAL:
   A=NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL
   B=NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL
   TERMINALS: BRASS
2) TERMINAL PLATING:
   A=.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL
   D=.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) 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.

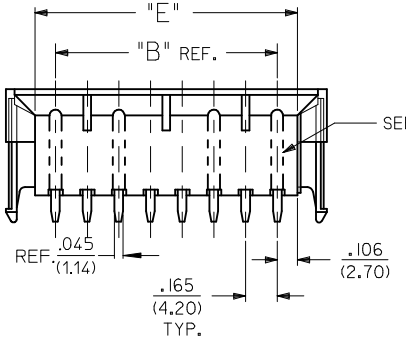


4 CKT SHOWN









RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD

ADD 43459-0055
EC NO: UCP2015-1722 2014/10/23
DRWN: JDFOX 2014/10/23
CHKD: JBELL 2014/10/27
APPR: FSMITH 2014/10/27
DESCRIPTION
F13
REV

QUALITY SYMBOLS
E =0
E =0
E =0

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

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	AFG	1994/12/07
CHECKED BY	RJF	1994/12/07
APPROVED BY	FSMITH	2012/05/22

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.: 1 OF 3
SIZE: C

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

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	04AAA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0002	04BAA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0003	04AAA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-
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	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	5	5	5
43459-0013	24BAD	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	18BAD	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	-	-	-	-	-	-
43459-0016	14BAD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-
43459-0017	18BAD	9	9	9	9	5	5	9	9	9	9	9	9	9	5	5	9	9	9	-	-	-	-	-	-
43459-0018	10AAA	8	8	8	8	8	8	8	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0019	10BAE	3	3	3	10	10	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0020	18AAE	10	-	10	10	10	10	10	10	10	3	3	10	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0023	14AAD	5	9	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	9	-	-	-	-	-	-	-	-	-	-
43459-0025	18BAE	10	10	10	10	10	10	10	-	10	10	10	10	10	10	10	3	-	10	-	-	-	-	-	-
43459-0026	10BAE	10	-	10	-	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	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	10	10	10	3
43459-0029	14BAE	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	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	3	10	10	10	-	-	-	-	-	-	-	-	-	-

TERM. CODES FOR CHART AT LEFT		
TERMINAL NO.	PLATING /	MATERIAL
1=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

SEE SHEET 1
EC NO: UCP2015-1722 2014/10/23
DRWN: JDFOX 2014/10/23
CHKD: JBELL 2014/10/27
APPR: FSMITH 2014/10/27
DESCRIPTION
REV
F13

QUALITY SYMBOLS
F =0
E =0
P =0

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

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	AFG	1994/12/07
CHECKED BY	RJF	1994/12/07
APPROVED BY	FSMITH	2012/05/22

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.: 2 OF 3

SIZE C

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

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
43459-0035	10BAD		5	9	9	9	9	5	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0038	24AAD		9	9	9	9	9	9	9	9	9	9	9	5	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	-	-	-	-	-	-	-	-	-	-
43459-0040	10AAD		9	9	9	9	9	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-
43459-0043	24AAA		8	8	8	8	8	8	8	-	1	1	-	8	8	8	8	8	8	8	8	-	1	1	-	8
43459-0044	10BAE		10	10	10	3	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
43459-0048	04BAD		9	5	5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0049	04BAE		10	3	3	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0050	18BAE		3	3	3	3	3	3	3	3	3	3	10	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
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	-	-	-	-	-	-	-	-	-	-

"O" = OBSOLETE

TERM. CODES FOR CHART AT LEFT		
TERMINAL NO.	PLATING /	MATERIAL
1=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

SEE SHEET 1
EC NO: UCP2015-1722 2014/10/23
DRWN: JDFOX 2014/10/23
CHKD: JBELL
APPR: FSMITH 2014/10/27
DESCRIPTION
F13
REV

QUALITY SYMBOLS
F =0
F =0
F =0

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

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	AFG	DATE 1994/12/07
CHECKED BY	RJF	DATE 1994/12/07
APPROVED BY	FSMITH	DATE 2012/05/22

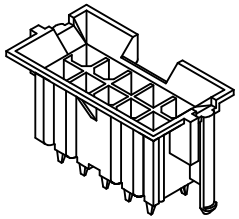
TITLE: 2-24 CKT. VERT. HEADER MINI-FIT B.M.I. MAKE FIRST/BREAK LAST

molex

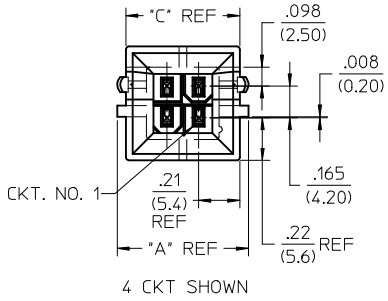
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43459-****
SHEET NO.: 3 OF 3
SIZE: C

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

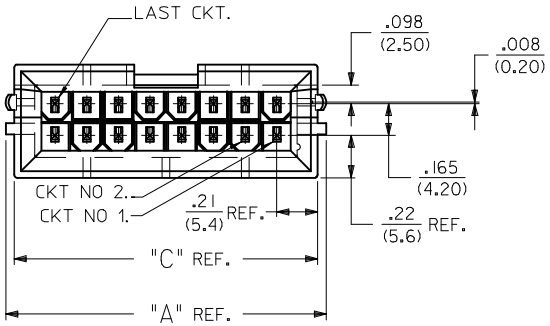
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"
2	.520 (13.20)	----	.425 (10.80)	.370 (9.40)	.21 (5.4)
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866 (22.00)	.71 (18.0)
10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

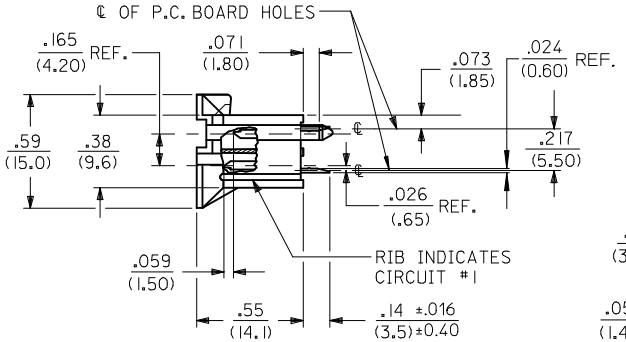


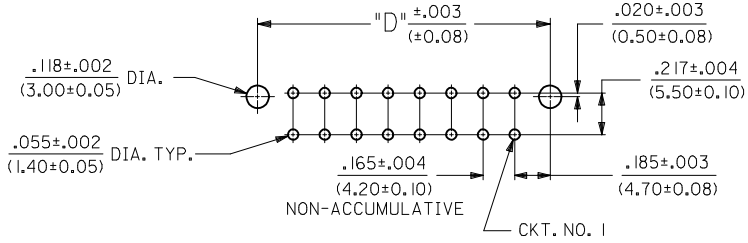
NOTES:
1) MATERIAL:
   HOUSING MATERIAL:
   A=NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL
   B=NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL
   TERMINALS: BRASS
2) TERMINAL PLATING:
   A=.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL
   D=.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) 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.

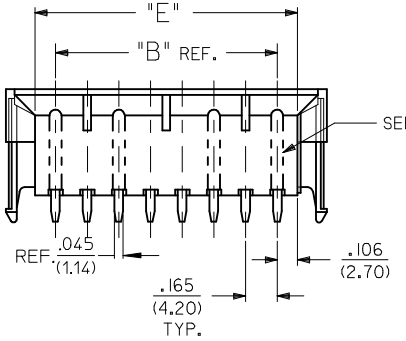


4 CKT SHOWN









RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD

ADD 43459-0055
EC NO: UCP2015-1722 2014/10/23
DRWN: JDFOX 2014/10/23
CHKD: JBELL 2014/10/27
APPR: FSMITH 2014/10/27
DESCRIPTION
F13
REV

QUALITY SYMBOLS
E =0
E =0
E =0

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

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	AFG	1994/12/07
CHECKED BY	RJF	1994/12/07
APPROVED BY	FSMITH	2012/05/22

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.: 1 OF 3
SIZE: C

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

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	04AAA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0002	04BAA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0003	04AAA	1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-
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	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	5	5	5
43459-0013	24BAD	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	18BAD	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	-	-	-	-	-	-
43459-0016	14BAD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-
43459-0017	18BAD	9	9	9	9	5	5	9	9	9	9	9	9	9	5	5	9	9	9	-	-	-	-	-	-
43459-0018	10AAA	8	8	8	8	8	8	8	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0019	10BAE	3	3	3	10	10	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0020	18AAE	10	-	10	10	10	10	10	10	10	3	3	10	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0023	14AAD	5	9	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	9	-	-	-	-	-	-	-	-	-	-
43459-0025	18BAE	10	10	10	10	10	10	10	-	10	10	10	10	10	10	10	3	-	10	-	-	-	-	-	-
43459-0026	10BAE	10	-	10	-	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	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	10	10	10	3
43459-0029	14BAE	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	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	3	10	10	10	-	-	-	-	-	-	-	-	-	-

TERM. CODES FOR CHART AT LEFT		
TERMINAL NO.	PLATING /	MATERIAL
1=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

SEE SHEET 1
EC NO: UCP2015-1722 2014/10/23
DRWN: JDFOX 2014/10/23
CHKD: JBELL 2014/10/27
APPR: FSMITH 2014/10/27
DESCRIPTION
REV
F13

QUALITY SYMBOLS
F =0
E =0
P =0

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

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	AFG	1994/12/07
CHECKED BY	RJF	1994/12/07
APPROVED BY	FSMITH	2012/05/22

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.: 2 OF 3

SIZE C

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

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
43459-0035	10BAD		5	9	9	9	9	5	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0038	24AAD		9	9	9	9	9	9	9	9	9	9	9	5	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	-	-	-	-	-	-	-	-	-	-
43459-0040	10AAD		9	9	9	9	9	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-
43459-0043	24AAA		8	8	8	8	8	8	8	-	1	1	-	8	8	8	8	8	8	8	8	-	1	1	-	8
43459-0044	10BAE		10	10	10	3	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
43459-0048	04BAD		9	5	5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0049	04BAE		10	3	3	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0050	18BAE		3	3	3	3	3	3	3	3	3	3	10	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
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	-	-	-	-	-	-	-	-	-	-

"O" = OBSOLETE

TERM. CODES FOR CHART AT LEFT		
TERMINAL NO.	PLATING /	MATERIAL
1=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

SEE SHEET 1
EC NO: UCP2015-1722 2014/10/23
DRWN: JDFOX 2014/10/23
CHKD: JBELL
APPR: FSMITH 2014/10/27
DESCRIPTION
F13
REV

QUALITY SYMBOLS
F =0
F =0
F =0

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

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	AFG	DATE 1994/12/07
CHECKED BY	RJF	DATE 1994/12/07
APPROVED BY	FSMITH	DATE 2012/05/22

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

151670255 417920538 439151216 444280402 152660117 152670251 152670357 397730002
0190690033 190690096 759001161 151660057 152670269 398800403 447691602 5046940301
0190700155 0436802002 190990010 430450225 430451220 436803002 760475001 0436400901
190730231 447642001 459705185 190990009 190670071 447641402