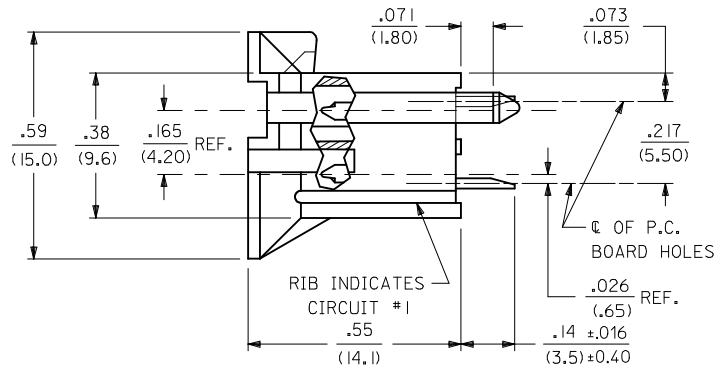
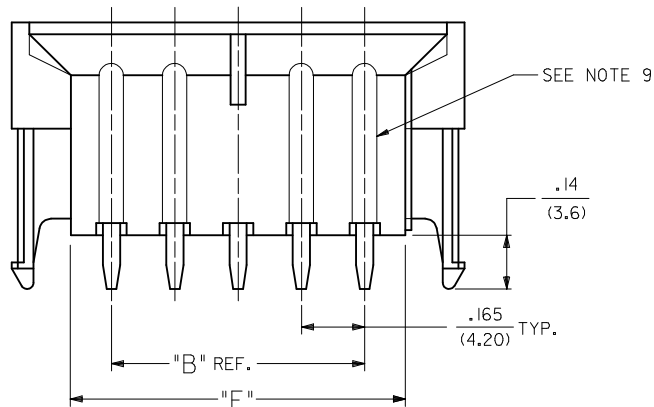
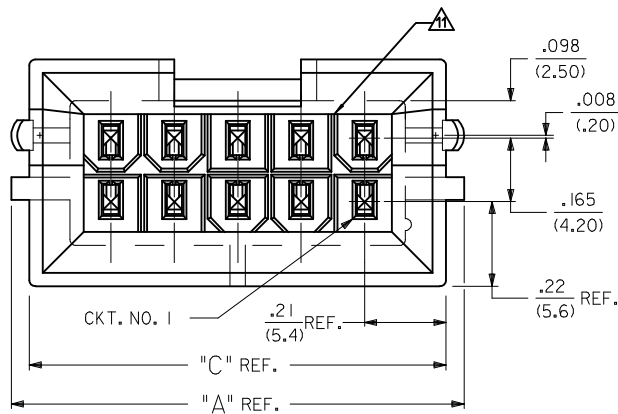
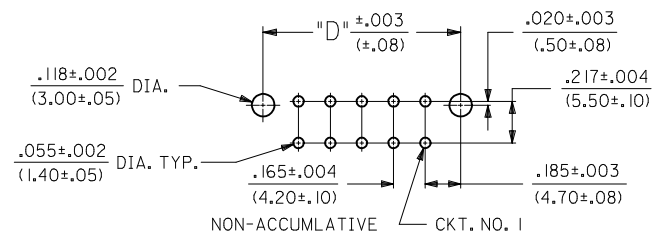


LEGEND:
A - 42440 - ***
BASE NUMBER
CIRCUIT SIZE (02-24)
PLATING (SEE NOTE 2.)
HOUSING MAT'L. & OPTIONS (SEE NOTE 1.)



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD
(SCALE: 2X)

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)

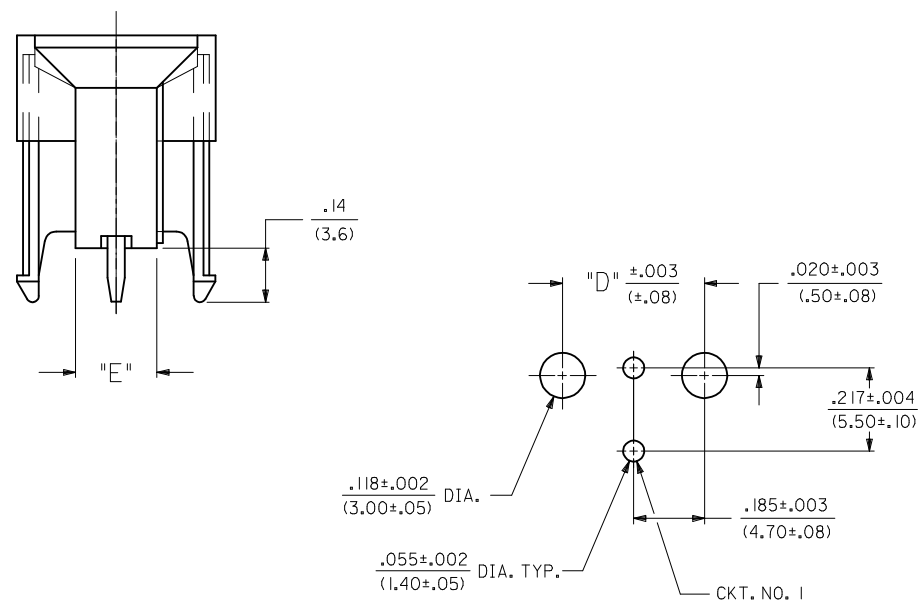
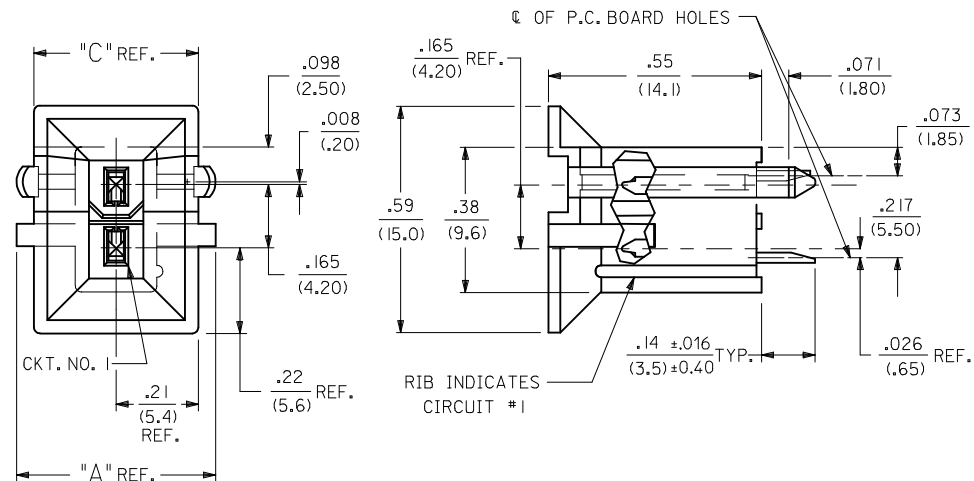
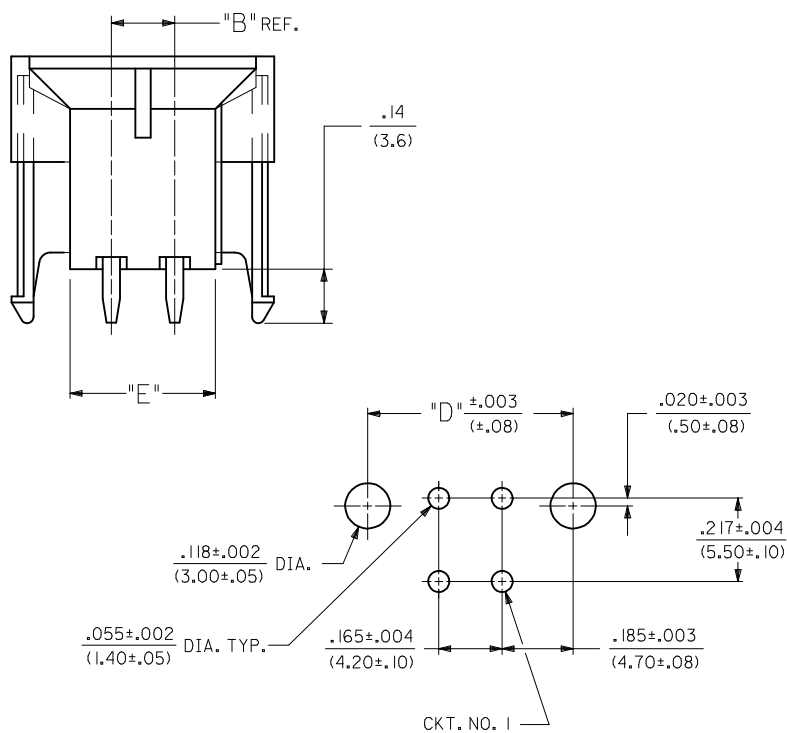
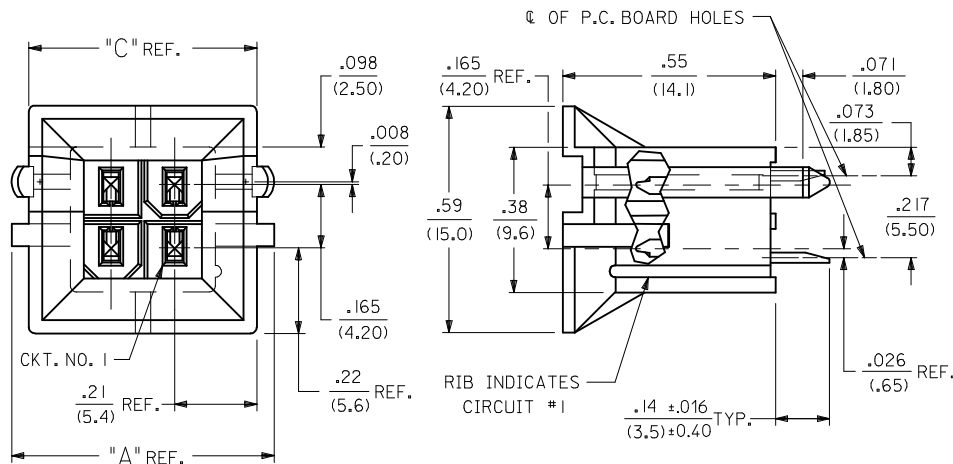
---22, ---23	42474---21, 5556-GS*P	94V-0	BRASS	GOLD
---12, ---13	42474---11, 5556-GS*P	94V-2	BRASS	TIN
---21	42474---21, 5556-S*P	94V-0	BRASS	TIN
---11	42474---11, 5556-S*P	94V-2	BRASS	TIN
---22, ---23, ---12, ---13,	A-42385---B2, ---B4	94V-0	BRASS	GOLD
---21	A-42385---B1	94V-2	BRASS	TIN
---11	A-42385---A1	94V-0	BRASS	TIN
VERT. HEADER A-42440	MATING CONNECTOR	HSG. MAT'L. TERM. MAT'L. PLATING	MATING CONNECTOR FEATURES	

Q5	ADD 0.40 TOL	EC NO: UCP2013-0706	2012/08/20	2012/08/20	2012/09/05	QUALITY SYMBOLS
	DRW:NGUYEN	CHKD:JBELL	APPR:FSMITH	DESCRIPTION		 =O
						 =O
						 =O
REV						

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽=0	4 PLACES ± --- ± ---
▽=0	3 PLACES ± --- ± .010
▽=0	2 PLACES ± .025 ± .015
▽=0	1 PLACE ± 0.38 ± ---
	ANGULAR ± 5 °
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
IN/MM	4:1	METRIC	
DRAWN BY	DATE		
GEP	1989/04/06		
CHECKED BY	DATE		
RJF	1989/04/06		
APPROVED BY	DATE		
FSMITH	2011/02/11		
MATERIAL NO.	DOCUMENT NO.		
SEE CHART	SDA-42440-****		
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

MINI-FIT B.M.I. VERTICAL HEADER ASSY	MOLEX INCORPORATED	SHEET NO. 1 OF 4
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RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD

SEE SHEET 1 EC NO: UCP2013-0706 DRAWN: NGUYEN CHKD: J.BELL APPR: F.S.MITH 2012/08/20 2012/08/20 2012/09/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± .025 ± .015 1 PLACE ± .038 ± --- ANGULAR ± 5 °	DIMENSION STYLE IN/MM DRAWN BY: GEP DATE: 1989/04/06 CHECKED BY: R.J.F. DATE: 1989/04/06 APPROVED BY: F.S.MITH DATE: 2011/02/11	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY MOLEX INCORPORATED SDA-42440-****	SHEET NO. 2 OF 4

NOTES:

1) MATERIAL:

HOUSING MATERIAL:

1 = NYLON 6/6, UNFILLED UL 94V-2, COLOR: NATURAL

2 = NYLON 6/6, UNFILLED UL 94V-0, COLOR: NATURAL

TERMINALS: BRASS

2) TERMINAL PLATING:

S = .000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL

GS = .000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN.

SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL

GS3 = .000050/(0.00127) MIN. SELECT GOLD AND .000100/(0.00254) MIN.

SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL

3) PRODUCT SPECIFICATION: PS-5556-002

4) PACKAGING: SEE CHARTS

5) 6-24 CIRCUIT PARTS MATE WITH MINI-FIT JR. RECEPTACLES 5557, 42474, 44516 AND HEADERS 42385; 2 AND 4 CIRCUIT PARTS MATE WITH 42385,44516 AND 42474 ONLY.

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

7) CONNECTOR IS NOT DESIGNED FOR CURRENT SHARING.

8) CONNECTOR ASSEMBLIES ARE NOT 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 MAUFACTURING LOT OR SHIPMENT. THIS DRAWING SHOWS TYPICAL RIB LOCATIONS.

10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

11) 12 CIRCUIT PARTS HAVE A SLOT BETWEEN CIRCUITS 7 AND 8.

SEE SHEET 1 EC NO: UCP2013-0706 2012/08/20 DRAWN:NGUYEN CHKD:JBELL 2012/08/20 APPR:FSMITH 2012/09/05	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION										
			mm	INCH	DRAWN BY GEP	DATE 1989/04/06	TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY												
		4 PLACES ± ---	± ---	CHECKED BY RJF	DATE 1989/04/06														
		3 PLACES ± ---	± .010	APPROVED BY FSMITH	DATE 2011/02/11														
			2 PLACES ± 0.25	± .015	MATERIAL NO.					DOCUMENT NO.					SHEET NO.				
			1 PLACE ± 0.38	± ---	SEE CHART					SDA-42440-****					3 OF 4				
			ANGULAR ± 5 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

[illegible]