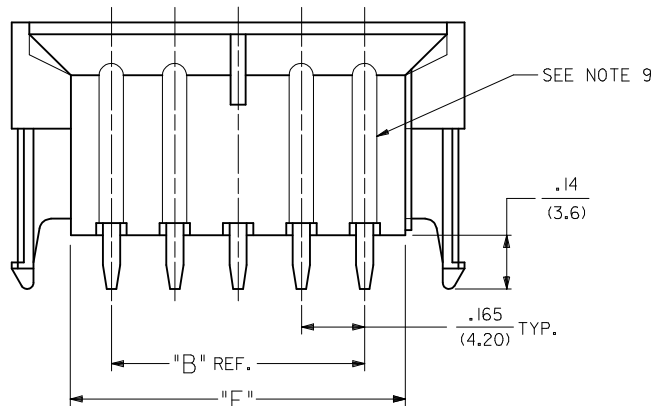
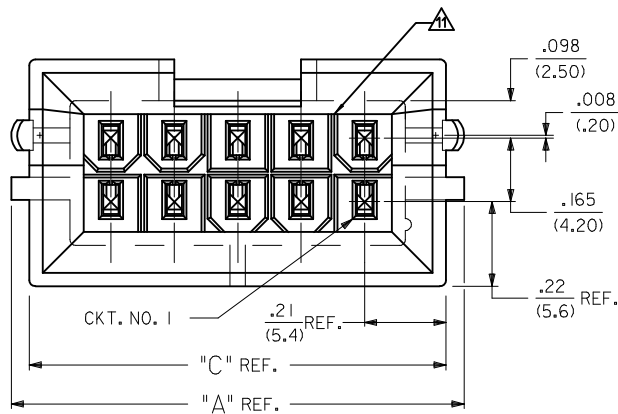


LEGEND:

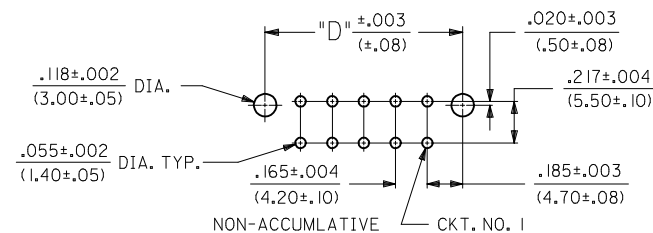
A - 42440 - * * * *

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)

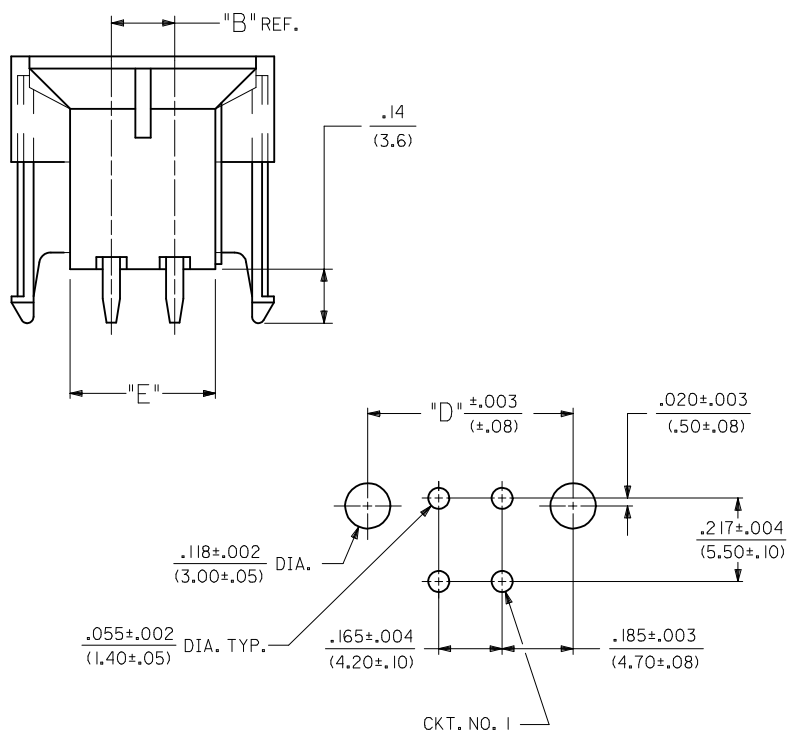
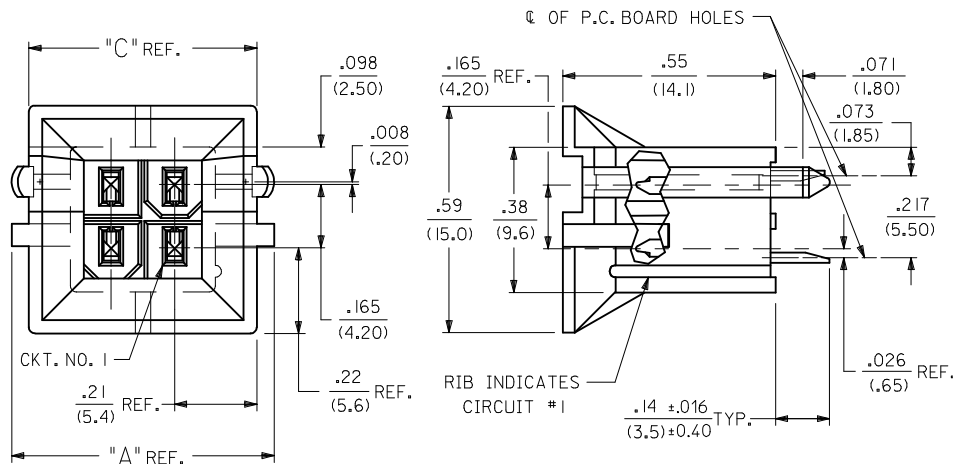
---22, ---23	42474---21, 5556-GS*P	94V-0	BRASS	GOLD
---12, ---13	42474---11, 5556-GS*P	94V-2	BRASS	TIN
---21	42474---21, 5556-S*P	94V-0	BRASS	TIN
---11	42474---11, 5556-S*P	94V-2	BRASS	TIN
---22, ---23, ---12, ---13,	A-42385---B2, ---B4	94V-0	BRASS	GOLD
---21	A-42385---B1	94V-2	BRASS	TIN
---11	A-42385---A1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

ADD 0.40 TOL	EC NO: UCP2013-0706	2012/08/20	2012/08/20	2012/09/05
DRW:NGUYEN	CHKD:JBELL	2012/08/20	2012/08/20	2012/09/05
APPR:FSMITH	2012/09/05			
REV	DESCRIPTION	QUALITY SYMBOLS		
Q5		▽=0		
		▽=0		
		▽=0		

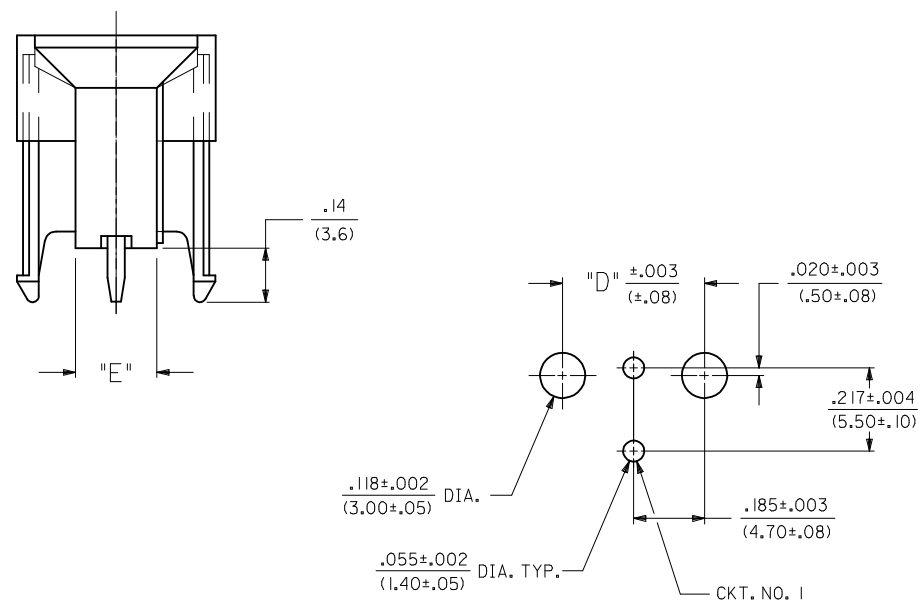
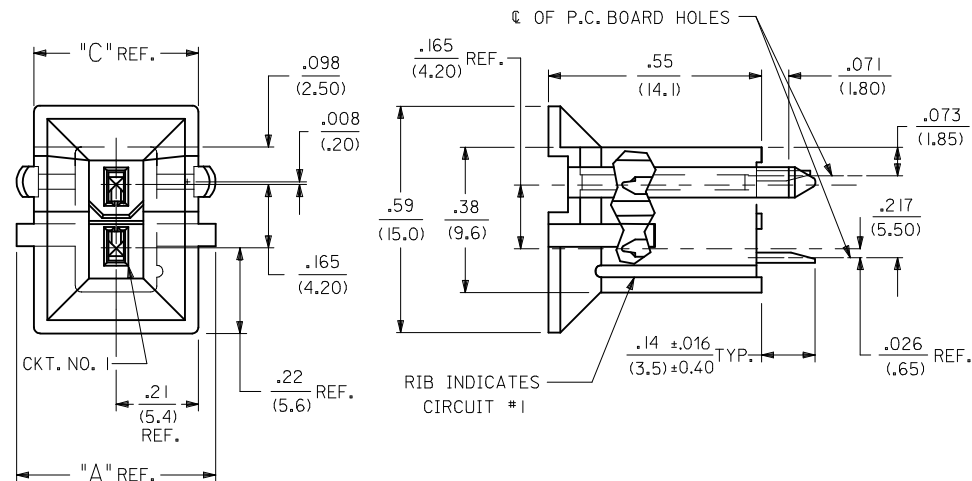
GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES ± ---	± ---
3 PLACES ± ---	± .010
2 PLACES ± .025	± .015
1 PLACE ± 0.38	± ---
ANGULAR ± 5 °	
DRAFT WHERE APPLICABLE	
MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	IN/MM
DRAWN BY	DATE
GEP	1989/04/06
CHECKED BY	DATE
RJF	1989/04/06
APPROVED BY	DATE
FSMITH	2011/02/11
MATERIAL NO.	
SEE CHART	
SIZE	

SCALE	4:1
DESIGN UNITS	METRIC
THIRD ANGLE PROJECTION	
MINI-FIT B.M.I. VERTICAL HEADER ASSY	
MOLEX INCORPORATED	
DOCUMENT NO.	SDA-42440-****
SHEET NO.	1 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



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



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	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
				IN/MM		1:1	METRIC			
				mm	INCH	DRAWN BY DATE			TITLE	
				4 PLACES ±.005 ±.001	GEP 1989/04/06	MINI-FIT B.M.I. VERTICAL HEADER ASSY				
				3 PLACES ±.005 ±.010	CHECKED BY DATE					
REV		▽=0 ▽=0 ▽=0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	2 PLACES ±0.25 ±0.015	RJF 1989/04/06	MOLEX MOLEX INCORPORATED				
				1 PLACE ±0.38 ±.005	APPROVED BY DATE					
				ANGULAR ± 5 °					FSMITH 2011/02/11	
				MATERIAL NO.					DOCUMENT NO.	SHEET NO.
				SEE CHART					SDA-42440-****	
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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/(0.00127) MIN. NICKEL OVERALL

GS3 = .000050/(0.00127) 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: 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 2012/08/20 CHKD: J.BELL 2012/09/05 APPR: F.S.MITH 2012/09/05	DESCRIPTION REV	QUALITY SYMBOLS	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	MINI-FIT B.M.I. VERTICAL HEADER ASSY		MOLEX INCORPORATED	
		4 PLACES ± ---	± ---	CHECKED BY R.J.F.	DATE 1989/04/06					
		3 PLACES ± ---	± .010	APPROVED BY F.S.MITH	DATE 2011/02/11					
		2 PLACES ± 0.25	± .015	ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		1 PLACE ± 0.38	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-42440-****		3 OF 4
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

[illegible]