

Excellent Integrated System Limited

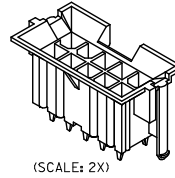
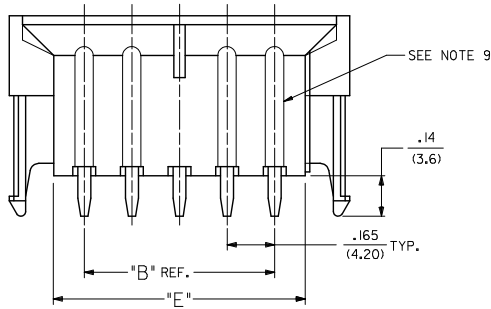
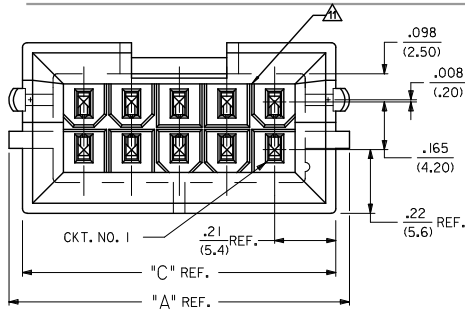
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

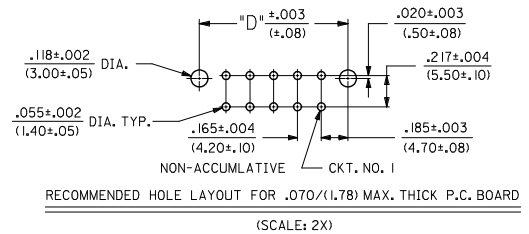
[Molex Connector Corporation](#)
[0015246181](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



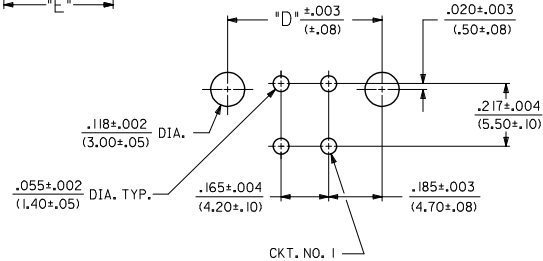
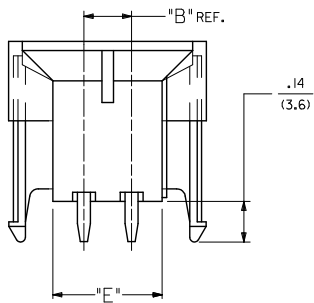
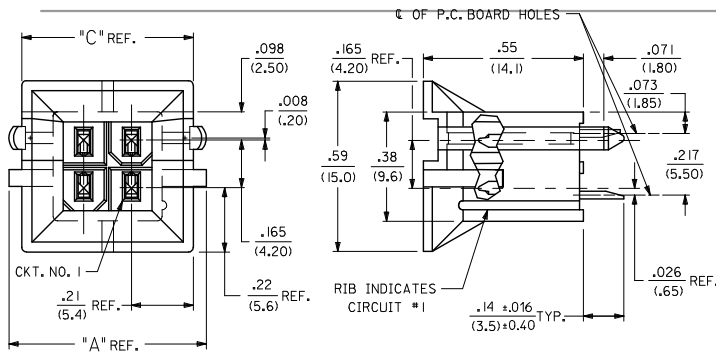
LEGEND:
A - 42440 - ** **
BASE NUMBER
CIRCUIT SIZE (02-24)
PLATING (SEE NOTE 2.)
HOUSING MAT'L. & OPTIONS (SEE NOTE 1.)



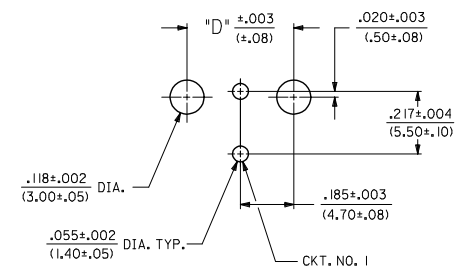
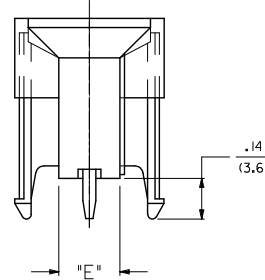
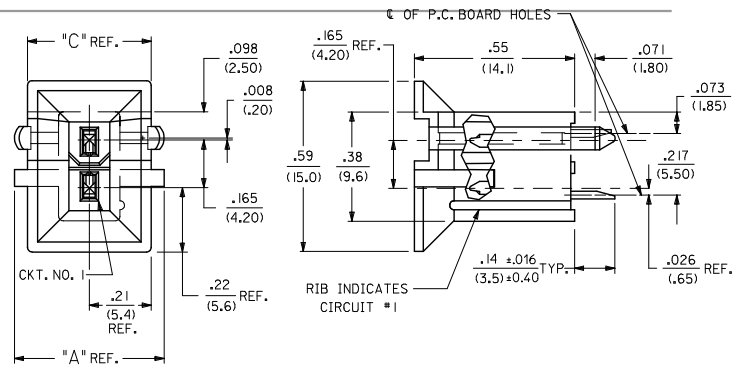
CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"
2	.520 (13.20)	—	.425 (10.80)	.370 (9.40)	.21 (5.4)
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866 (22.00)	.71 (18.0)
10	1.181 (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,	A-42385—**B2, —**B4	94V-0	BRASS	GOLD
—**12, —**13,	A-42385—**A2, —**A4	94V-2	BRASS	TIN
—**21	A-42385—**B1	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	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: UCP2015-0706	▽=0	mm INCH	IN/MM	4:1	METRIC	
2017/08/20	▽=0	4 PLACES ±.005 ±.005	DRAWN BY	DATE	MINI-FIT B.M.I. VERTICAL HEADER ASSY	
2017/08/20	▽=0	3 PLACES ±.005 ±.010	GEP	1989/04/06		
CHKD: BELL	▽=0	2 PLACES ±0.25 ±.015	CHECKED BY	DATE	MOLEX INCORPORATED	
APPR: SMITH	▽=0	1 PLACE ±0.38 ±.015	RJF	1989/04/06		
REV		ANGULAR ± 5°	APPROVED BY	DATE	SDA-42440-****	
Q5			FSMITH	2011/02/11		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 4	
			SIZE C		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 DRAWING NO: 2017/08/20 CHKD: JELL APPR: SMITH 2017/09/05 Q5	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	▽=0 ▽=0 ▽=0	mm INCH		DRAWN BY DATE		TITLE MINI-FIT B.M.I. VERTICAL HEADER ASSY MOLEX INCORPORATED		MOLEX INCORPORATED		
		4 PLACES ±.005 ±.002	GEP 1989/04/06							
		3 PLACES ±.010 ±.010	CHECKED BY DATE							
		2 PLACES ±.025 ±.015	RJF 1989/04/06							
		1 PLACE ±.038 ±.025	APPROVED BY DATE							
		ANGULAR ± 5 °		FSMITH 2011/02/11		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-42440-****		2 OF 4			
	REV	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 DRAWING/EN 2017/08/20 CHKD: BELL 2017/08/20 APPR: SMITH 2017/09/05	Q5	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
							IN/MM		1:1	METRIC		

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