

Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)
[0444830002](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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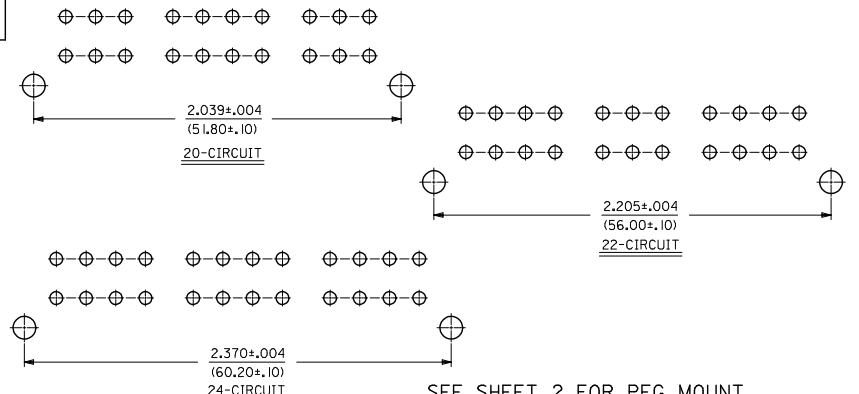
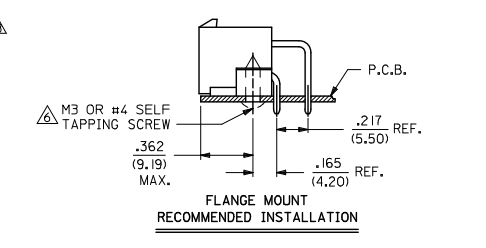
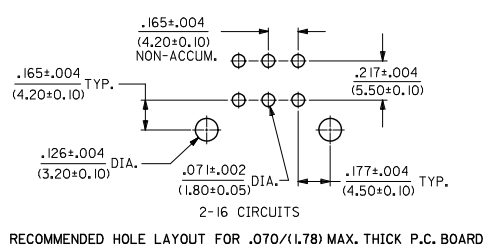
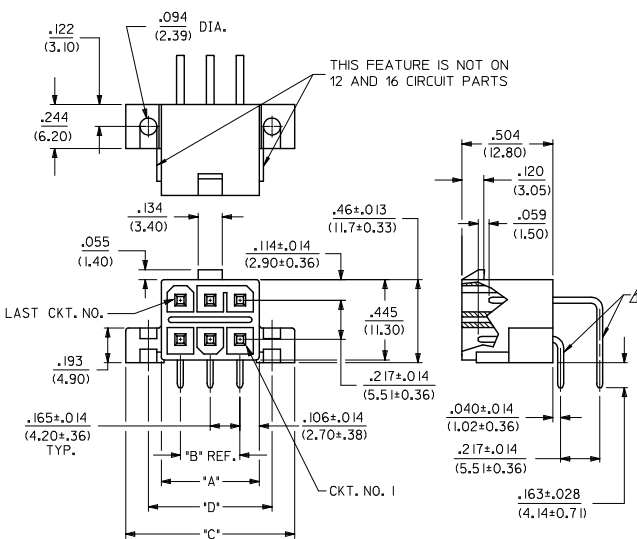
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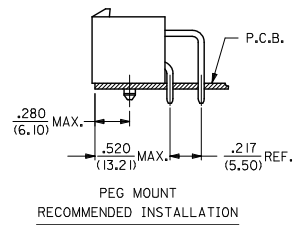
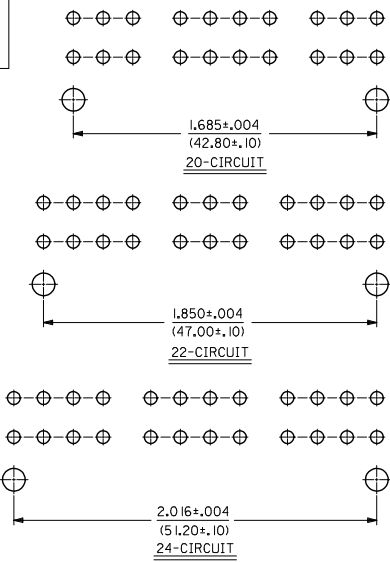
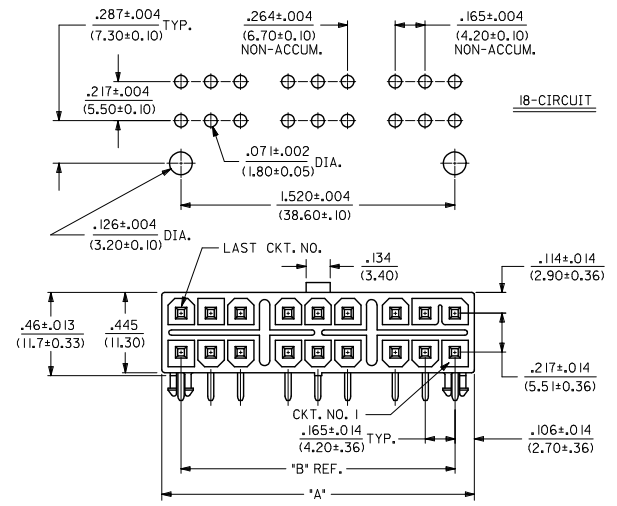
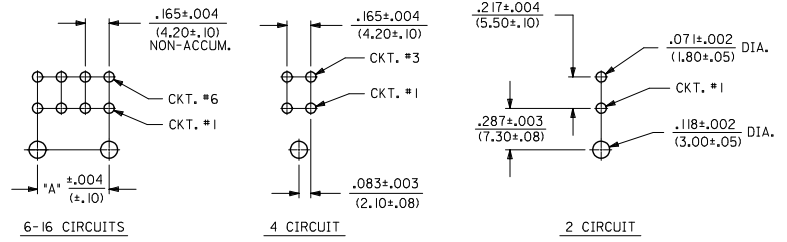
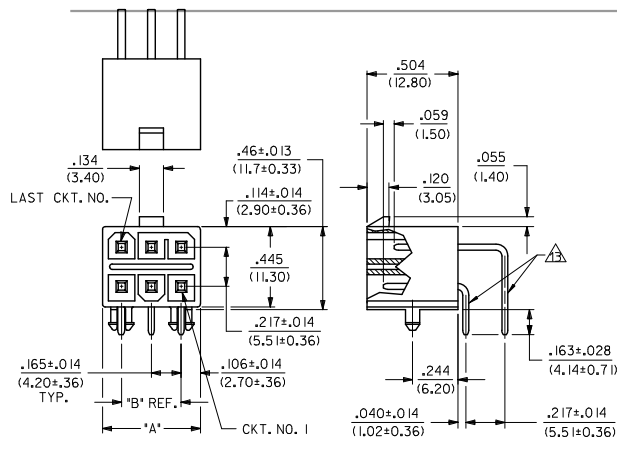
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UPDATE NOTE 6	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	SHEET NO. 1 OF 3
EC NO: UCP2014-0258		2013/08/02		4 PLACES ±.005	DATE				
DRW: NGUYEN		2013/08/02		3 PLACES ±.010	CHECKED BY				
CHKD: BELL		2013/08/16		2 PLACES ±0.25	RJF				
APPR: SMITH				1 PLACE ±0.36	APPROVED BY				
				0 PLACE ±	SMITH				
				ANGULAR ±1/2°	DATE				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	2011/09/12				
					MATERIAL NO.				
					SEE CHART				
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.213 (5.40)	—	.606 (15.40)	.354 (9.00)
4	.378 (9.60)	.165 (4.20)	.772 (19.60)	.520 (13.20)
6	.543 (13.80)	.331 (8.40)	.937 (23.80)	.685 (17.40)
8	.709 (18.00)	.496 (12.60)	1.102 (28.00)	.850 (21.60)
10	.874 (22.20)	.661 (16.80)	1.268 (32.20)	1.016 (25.80)
12	1.039 (26.40)	.827 (21.00)	1.433 (36.40)	1.181 (30.00)
14	1.205 (30.60)	.992 (25.20)	1.598 (40.60)	1.346 (34.20)
16	1.370 (34.80)	1.157 (29.40)	1.764 (44.80)	1.512 (38.40)
18	1.532 (39.00)	1.320 (33.60)	1.926 (49.00)	1.674 (42.60)
20	1.698 (43.20)	1.485 (37.80)	2.091 (53.20)	1.839 (46.80)
22	1.863 (47.40)	1.650 (42.00)	2.257 (57.40)	2.005 (51.00)
24	2.028 (51.60)	1.816 (46.20)	2.422 (61.60)	2.170 (55.20)

SEE SHEET 2 FOR PEG MOUNT		RIGHT ANGLE HEADER ASSY SELECTIVELY LOADED MINI-FIT T.P.A. SERIES	
molex		SDA-44483-****	



CKT. SIZE	DIM. 'A'	DIM. 'B'
2	.213 (5,40)	—
4	.378 (9,60)	.165 (4,20)
6	.543 (13,80)	.331 (8,40)
8	.709 (18,00)	.496 (12,60)
10	.874 (22,20)	.661 (16,80)
12	1.039 (26,40)	.827 (21,00)
14	1.205 (30,60)	.992 (25,20)
16	1.370 (34,80)	1.157 (29,40)
18	1.532 (39,00)	1.320 (33,60)
20	1.698 (43,20)	1.485 (37,80)
22	1.863 (47,40)	1.650 (42,00)
24	2.028 (51,60)	1.815 (46,20)

SEE SHEET 1 FOR FLANGE MOUNT

SEE SHEET 1 EC NO: UCP2014-0298 DRAWING/EN CHKD: BELL 2013/08/02 APPR: SMITH 2013/08/16 DESCRIPTION REV E4	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	 =0	mm		INCH		DRAWN BY	DATE	TITLE RIGHT ANGLE HEADER ASSY SELECTIVELY LOADED MINI-FIT T.P.A. SERIES molex SDA-44483-****		
	 =0	4 PLACES	±.005	±.005	GEP	1994/08/01				
	 =0	3 PLACES	±.005	±.010	CHECKED BY	DATE				
		2 PLACES	±0.25	±.014	RJF	1994/08/01				
		1 PLACE	±0.36	±.014	APPROVED BY	DATE				
		0 PLACE	±	±	FSMITH	2011/09/12	DOCUMENT NO.			SHEET NO.
	ANGULAR ±1/2°				MATERIAL NO.		SDA-44483-****			2 OF 3
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART					
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

ITEM NO.	CHARACTERISTIC DESCRIPTION	CKT. SIZE	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION (SEE CODES BELOW)																								PACKAGING TYPE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
J	44483-0001	I2A1C	I2	5	5	5	6	5	5	5	5	5	-	5	5	-	-	-	-	-	-	-	-	-	-	-	BULK
	44483-0002	I2A2C	I2	5	5	5	6	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	BULK
	44483-0003	I2A1C	I2	5	5	5	6	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	TRAY
	44483-0004	04A2C	04	5	5	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BULK
I	44483-0005	04A2A	04	7	7	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BULK
	44483-0006	I2A1C	I2	5	5	5	6	-	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	BULK
	44483-0007	I6A2A	I6	7	7	8	7	7	8	8	7	8	7	8	7	8	7	8	-	-	-	-	-	-	-	-	BULK
	44483-0008	I2A1C	I2	5	-	6	6	-	5	-	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	BULK
H	44483-0009	06A2C	06	5	5	6	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BULK
	44483-0010	06A1C	06	5	-	6	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BULK
	44483-0011	I2A3A	I2	7	7	7	7	7	7	7	7	7	-	7	7	-	-	-	-	-	-	-	-	-	-	-	BULK
	44483-0012	I2A1C	I2	5	5	5	6	5	5	5	5	5	-	5	5	-	-	-	-	-	-	-	-	-	-	-	BULK
G	44483-0013	I2A1C	I2	5	5	5	6	-	5	5	5	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	TRAY
	44483-0014	I2A4D	I2	7	7	7	7	7	7	5	7	7	7	7	7	-	-	-	-	-	-	-	-	-	-	-	TRAY
	44483-0015	I2B3A	I2	-	7	7	7	7	-	-	7	7	-	7	7	-	-	-	-	-	-	-	-	-	-	-	TRAY
	44483-0016	I2A2C	I2	6	6	5	5	6	6	6	6	5	5	6	6	-	-	-	-	-	-	-	-	-	-	-	TRAY
F	44483-0017	04A1C	04	-	5	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	TRAY
	44483-0018	04A1C	04	5	-	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	TRAY
	44483-0019	04A1C	04	5	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	TRAY

CHARACTERISTICS LEGEND:

CIRCUIT SIZE
(02-24)

HOUSING STYLE

A = FLANGES
B = PEGS

VOIDS

1 = WITH VOID, WITH GROUND PIN
2 = W/O VOID, WITH GROUND PIN
3 = WITH VOID, W/O GROUND PIN
4 = W/O VOID, W/O GROUND PIN

PLATING COMBINATION (SEE NOTE 2)

A = MATTE TIN
C = SELECT GOLD
D = MIXED PLATINGS

NOTES:

- MATERIAL:
HOUSING: POLYESTER, UNFILLED, UL94 V-0, COLOR: BLACK
TERMINAL: BRASS
- FINISH (TERMINAL):
SELECT GOLD = .00030/(.00076) MIN, GOLD OVER .000100/(.00254) MIN, SELECT MATTE TIN OVER .00050/(.00127) MIN, NICKEL OVERALL
MATTE TIN = .000100/(.00254) MIN MATTE TIN OVER .00050/(.00127) MIN NICKEL OVERALL
- PRODUCT SPECIFICATION: PS-5556-003
- PACKAGING: SEE CHART
TRAY PACKED PER: PK-44483-001
BULK PACKED PER: PK-30070-001
- PART MATES WITH MINI-FIT T.P.A. RECEPTACLE 30067-*.
FLANGE MOUNT PART IS DESIGNED FOR USE WITH #4 OR M3 SELF TAPPING SCREWS.
- SEE CHART ABOVE FOR STANDARD PIN, GROUND PIN AND VOID LOCATIONS.
- PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- PART IS NOT DESIGNED FOR CURRENT SHARING.
- ITEM NUMBERS PRECEDED BY AND "X" IN THE CHART ABOVE ARE NOT AVAILABLE.
- PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
- FORMING MARKS ARE ACCEPTABLE.

PIN I.D. CODES FOR CHART ABOVE

PIN TYPE & PLATING (SEE NOTE 2)

- "5" = VOID LOC.
- "5" = STANDARD PIN, SELECT GOLD
- "6" = GROUNDING PIN, SELECT GOLD
- "7" = STANDARD PIN, MATTE TIN
- "8" = GROUNDING PIN, MATTE TIN

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±.005	±.0002
3 PLACES	±.010	±.0004
2 PLACES	±.025	±.0010
1 PLACE	±.036	±.0014
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY DATE

CHECKED BY DATE

APPROVED BY DATE

FSM1TH 2011/09/12

MATERIAL NO.

SEE CHART

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

RIGHT ANGLE HEADER ASSY

SELECTIVELY LOADED

MINI-FIT T.P.A. SERIES

molex

SDA-44483-****

SHEET NO.

3 OF 3