

Excellent Integrated System Limited

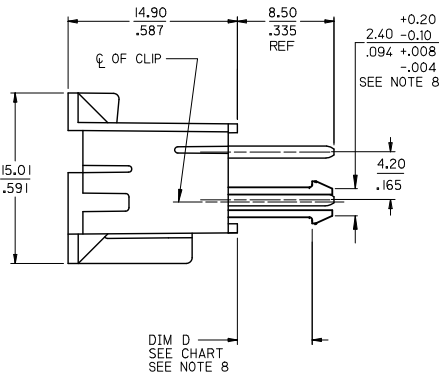
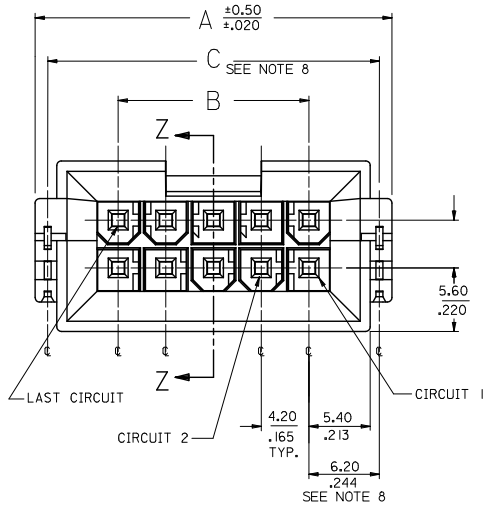
Stocking Distributor

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

[Molex Connector Corporation](#)
[0440680273](#)

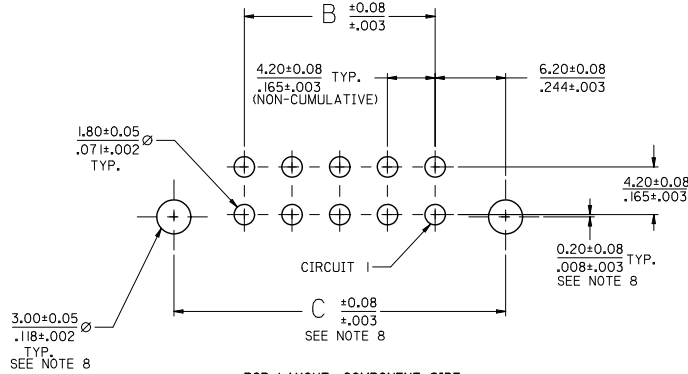
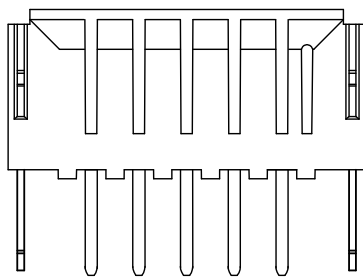
For any questions, you can email us directly:

sales@integrated-circuit.com



NOTES:

- 1) MATERIALS:
HOUSING: PA46 FILLED BLACK, UL94V-0
TERMINAL: BRASS
BOARD RETENTION CLIP: BRASS
- 2) FINISHES:
1 = 0.00254/(.000100) MIN TIN OVER NICKEL
2 = 0.00076/(.000030) MIN. SELECT GOLD AND 0.00254/(.000100) MIN. SELECT MATTE TIN OVER 0.00127/(.000050) MIN. NICKEL OVERALL
- 3) PRODUCT SPECIFICATIONS: PS-43810-001
- 4) PACKAGING SPECIFICATION: PK-43879-002
- 5) PART MATES WITH MOLEX RECEPTACLE #5557 AND #42474, AND #44516 AND #42385 HEADER.
- 6) PART ALLOWS FOR 1.27/.050 MAX. MIS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION.
- 7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.
- 8) THIS DIMENSION DOES NOT APPLY TO PARTS WITHOUT P.C. BOARD RETENTION CLIPS.
- 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- 10) 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.



PCB LAYOUT: COMPONENT SIDE

RECOMMENDED PCB THICKNESS: SEE CHART

CHANGE PLATING	EC NO: UCP2012-1560	DRAWN BY: 2012/01/09	CHKD: JELL	APPR: FSMITH	DATE: 2012/02/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
4 PLACES	±	---	---	---	---	---	mm	MM/IN	4:1	METRIC	MINI-FIT JR BMI SMC	SEE SHEET 2	SD-44068-061	1 OF 2
3 PLACES	±	---	---	---	---	---	mm	MM/IN	4:1	METRIC	VERTICAL HEADER ASM	SEE SHEET 2	SD-44068-061	1 OF 2
2 PLACES	±	0.25	±	0.10	±	0.14	mm	MM/IN	4:1	METRIC	FOR 6.35/.250 THK PCB	SEE SHEET 2	SD-44068-061	1 OF 2
1 PLACE	±	0.35	±	---	---	---	mm	MM/IN	4:1	METRIC	MOLEX INCORPORATED	SEE SHEET 2	SD-44068-061	1 OF 2
ANGULAR ±1/2°							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							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

CKTS	DIM. "A"	DIM. "B"	DIM. "C"
4	18.81 ±.740	4.20 ±.165	16.60 ±.653
6	23.01 ±.906	8.40 ±.331	20.80 ±.819
8	27.21 ±1.071	12.60 ±.496	25.00 ±.984
10	31.41 ±1.237	16.80 ±.661	29.20 ±1.150
12	35.61 ±1.402	21.00 ±.828	33.40 ±1.315
14	39.81 ±1.567	25.20 ±.992	37.60 ±1.480
16	44.01 ±1.733	29.40 ±1.157	41.80 ±1.646
18	48.21 ±1.898	33.60 ±1.323	46.00 ±1.811
20	52.41 ±2.063	37.80 ±1.488	50.20 ±1.976
22	56.61 ±2.229	42.00 ±1.654	54.40 ±2.142
24	60.81 ±2.394	46.20 ±1.819	58.60 ±2.307

13	12	11	10	9	8	7	6	5	4	3	2	1	
13 electronic components 12 11 10 9 8 7 6 5 4 3 2 1													
J													J
	FINISH:		I (SEE NOTE 2)		FINISH:		I (SEE NOTE 2)						
	DIM. D:		WITHOUT CLIP		DIM. D:		$\frac{(6.60 \pm 0.25)}{.260 \pm .010}$						
	PCB THICKNESS:		$\frac{(6.35 \pm 0.18)}{.250 \pm .007}$		PCB THICKNESS:		$\frac{(6.35 \pm 0.18)}{.250 \pm .007}$						
I	CIRCUITS		MATERIAL NO.		CIRCUITS		MATERIAL NO.						I
	04		44068-0244		04		44068-0266						
	06		44068-0245		06		44068-0267						
	08		X 44068-0246		08		X 44068-0268						
H	10		44068-0247		10		44068-0269						H
	12		X 44068-0248		12		X 44068-0270						
	14		44068-0249		14		44068-0271						
	16		X 44068-0250		16		X 44068-0272						
	18		44068-0251		18		44068-0273						
G	20		X 44068-0252		20		X 44068-0274						G
	22		X 44068-0253		22		X 44068-0275						
	24		44068-0254		24		44068-0276						
F													F
	FINISH:		2 (SEE NOTE 2)		FINISH:		2 (SEE NOTE 2)						
	DIM. D:		WITHOUT CLIP		DIM. D:		$\frac{(6.60 \pm 0.25)}{.260 \pm .010}$						
E	PCB THICKNESS:		$\frac{(6.35 \pm 0.18)}{.250 \pm .007}$		PCB THICKNESS:		$\frac{(6.35 \pm 0.18)}{.250 \pm .007}$						E
	CIRCUITS		MATERIAL NO.		CIRCUITS		MATERIAL NO.						
	04		44068-0255		04		44068-0277						
	06		44068-0256		06		44068-0278						
D	08		X 44068-0257		08		X 44068-0279						D
	10		44068-0258		10		44068-0280						
	12		X 44068-0259		12		X 44068-0281						
	14		44068-0260		14		44068-0282						
	16		X 44068-0261		16		X 44068-0283						
C	18		44068-0262		18		44068-0284						C
	20		X 44068-0263		20		X 44068-0285						
	22		X 44068-0264		22		X 44068-0286						
	24		44068-0265		24		44068-0287						
B													B
	X PRECEDING PART NUMBER DESIGNATES CIRCUIT SIZE IS NOT TOOLED PLEASE CONTACT FACTORY												
A													A
1b_frame_C_P_AM_T Rev. F 2009/06/18													
12	11	10	9	8	7	6	5	4	3	2	1		

SEE SHEET 1 EC NO: UCP202-1560 DRAWN BY: 2017/01/09 CHKD: JELL 2017/01/09 APPR: SMITH 2017/02/02	QUALITY SYMBOLS 	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		MINI-FIT JR BMI SMC VERTICAL HEADER ASM FOR 6.35/.250 THK PCB MOLEX INCORPORATED SD-44068-061					
			mm	INCH	DRAWN BY J I WANG	DATE 2000/07/27	CHECKED BY BANDURA	DATE 2000/07/27	APPROVED BY F SMITH	DATE 2011/11/11						
			ANGULAR $\pm 1/2^\circ$		MATERIAL NO.		DOCUMENT NO.		SHEET NO.							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-44068-061		2 OF 2							

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