

Excellent Integrated System Limited

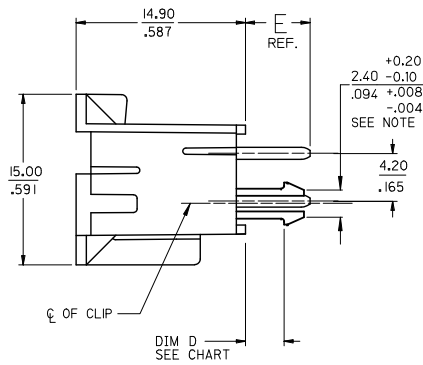
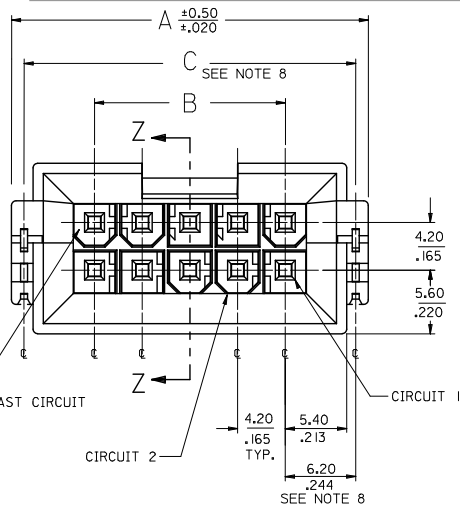
Stocking Distributor

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

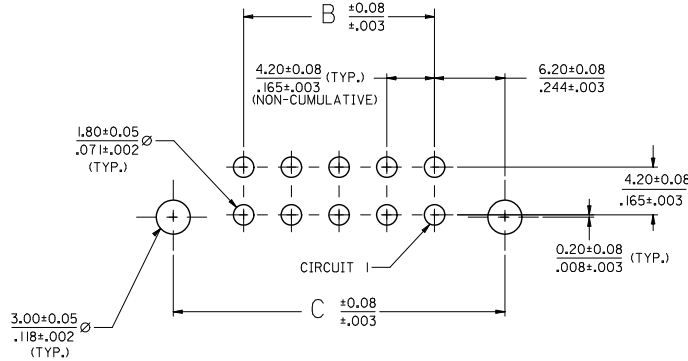
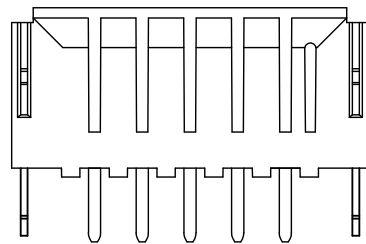
[Molex Connector Corporation](#)
[0440680050](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



- 1) MATERIALS:
HOUSING: PA46 FILLED, UL94V-0, COLOR: BLACK
TERMINAL: BRASS
BOARD RETENTION CLIP: BRASS
- 2) FINISHES:
1 = 0.00254/(0.000100) MIN TIN OVER NICKEL
2 = 0.00076/(0.000030) MIN. SELECT GOLD AND 0.00254/(0.000100) MIN. SELECT MATTE TIN OVER 0.00127/(0.000050) MIN. NICKEL OVERALL
- 3) PRODUCT SPECIFICATIONS: PS-43810-001
- 4) PACKAGING SPECIFICATIONS: PK-43879-001
- 5) PART MATES WITH MOLEX RECEPTACLE SERIES 5557, 42474 AND 44516 AND HEADER SERIES 42385.
- 6) PART ALLOWS FOR 1.27/.050 MAX. MISALIGNMENT 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) PARTS CONFORM 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.

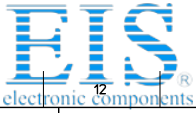


PCB LAYOUT: COMPONENT SIDE

RECOMMENDED PCB THICKNESS: SEE CHART

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

CHANGE CLIP DIM	EC NO: UCP202-3785	DRAWING DATE	2012/05/17	CHKD: JELL	2012/05/17	APPR: SMITH	2012/06/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
4 PLACES	±	---	±	---	---	---	---	▽=0	mm	INCH	4:1	METRIC	THIRD ANGLE PROJECTION	MINI-FIT JR BMI SMC VERTICAL HEADER ASM VARIOUS BOARD THICKNESS			
3 PLACES	±	---	±	---	---	---	---	▽=0	mm	INCH	4:1	METRIC	THIRD ANGLE PROJECTION	MINI-FIT JR BMI SMC VERTICAL HEADER ASM VARIOUS BOARD THICKNESS			
2 PLACES	±	0.25	±	0.10	---	---	---	▽=0	mm	INCH	4:1	METRIC	THIRD ANGLE PROJECTION	MINI-FIT JR BMI SMC VERTICAL HEADER ASM VARIOUS BOARD THICKNESS			
1 PLACE	±	0.35	±	---	---	---	---	▽=0	mm	INCH	4:1	METRIC	THIRD ANGLE PROJECTION	MINI-FIT JR BMI SMC VERTICAL HEADER ASM VARIOUS BOARD THICKNESS			
ANGULAR ±1/2°									DRAWN BY MANLAPAZ DATE 1997/12/04								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									CHECKED BY BANDURA DATE 1997/12/06								
									APPROVED BY FSMITH DATE 2012/02/02								
									MATERIAL NO. SEE SHEET 2								
									DOCUMENT NO. SD-44068-031								
									THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0440680050 - MF SMC VERT HDR W/.094 CLIP TIN

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

FINISH:		1 (SEE NOTE 2)		FINISH:		1 (SEE NOTE 2)		FINISH:		1 (SEE NOTE 2)	
DIM. D:		WITHOUT CLIP		DIM. D:		$\frac{(1.79+0.25)}{.070+.010}$		DIM. D:		$\frac{(2.60+0.25)}{.102+.010}$	
DIM. E:		$\frac{(3.30)}{.130}$ REF.		DIM. E:		$\frac{(3.30)}{.130}$ REF.		DIM. E:		$\frac{(4.50)}{.177}$ REF.	
PCB THICKNESS:		$\frac{(1.60+0.18)}{.063+.007}$		PCB THICKNESS:		$\frac{(1.60+0.18)}{.063+.007}$		PCB THICKNESS:		$\frac{(2.39+0.18)}{.094+.007}$	
CIRCUITS		MATERIAL NO.		CIRCUITS		MATERIAL NO.		CIRCUITS		MATERIAL NO.	
04		44068-0023		04		44068-0001		04		44068-0045	
06		44068-0024		06		44068-0002		06		44068-0046	
08		X 44068-0025		08		X 44068-0003		08		X 44068-0047	
10		44068-0026		10		44068-0004		10		44068-0048	
12		X 44068-0027		12		X 44068-0005		12		X 44068-0049	
14		44068-0028		14		44068-0006		14		44068-0050	
16		X 44068-0029		16		X 44068-0007		16		X 44068-0051	
18		44068-0030		18		44068-0008		18		44068-0052	
20		X 44068-0031		20		X 44068-0009		20		X 44068-0053	
22		X 44068-0032		22		X 44068-0010		22		X 44068-0054	
24		44068-0033		24		44068-0011		24		44068-0055	

FINISH:		2 (SEE NOTE 2)		FINISH:		2 (SEE NOTE 2)		FINISH:		2 (SEE NOTE 2)	
DIM. D:		WITHOUT CLIP		DIM. D:		$\frac{(1.79+0.25)}{.070+.010}$		DIM. D:		$\frac{(2.60+0.25)}{.102+.010}$	
DIM. E:		$\frac{(3.30)}{.130}$ REF.		DIM. E:		$\frac{(3.30)}{.130}$ REF.		DIM. E:		$\frac{(4.50)}{.177}$ REF.	
PCB THICKNESS:		$\frac{(1.60+0.18)}{.063+.007}$		PCB THICKNESS:		$\frac{(1.60+0.18)}{.063+.007}$		PCB THICKNESS:		$\frac{(2.39+0.18)}{.094+.007}$	
CIRCUITS		MATERIAL NO.		CIRCUITS		MATERIAL NO.		CIRCUITS		MATERIAL NO.	
04		44068-0034		04		44068-0012		04		44068-0056	
06		44068-0035		06		44068-0013		06		44068-0057	
08		X 44068-0036		08		X 44068-0014		08		X 44068-0058	
10		44068-0037		10		44068-0015		10		44068-0059	
12		X 44068-0038		12		X 44068-0016		12		X 44068-0060	
14		44068-0039		14		44068-0017		14		44068-0061	
16		X 44068-0040		16		X 44068-0018		16		X 44068-0062	
18		44068-0041		18		44068-0019		18		44068-0063	
20		X 44068-0042		20		X 44068-0020		20		X 44068-0064	
22		X 44068-0043		22		X 44068-0021		22		X 44068-0065	
24		44068-0044		24		44068-0022		24		44068-0066	

FINISH:		2 (SEE NOTE 2)		FINISH:		2 (SEE NOTE 2)		FINISH:		2 (SEE NOTE 2)	
DIM. D:		WITHOUT CLIP		DIM. D:		$\frac{(3.39+0.25)}{.133+.010}$		DIM. D:		$\frac{(3.39+0.25)}{.133+.010}$	
DIM. E:		$\frac{(4.90)}{.193}$ REF.		DIM. E:		$\frac{(4.90)}{.193}$ REF.		DIM. E:		$\frac{(4.90)}{.193}$ REF.	
PCB THICKNESS:		$\frac{(3.18+0.18)}{.125+.007}$		PCB THICKNESS:		$\frac{(3.18+0.18)}{.125+.007}$		PCB THICKNESS:		$\frac{(3.18+0.18)}{.125+.007}$	
CIRCUITS		MATERIAL NO.		CIRCUITS		MATERIAL NO.		CIRCUITS		MATERIAL NO.	
04		44068-0100		04		44068-0100		04		44068-0100	
06		44068-0101		06		44068-0101		06		44068-0101	
08		X 44068-0102		08		X 44068-0102		08		X 44068-0102	
10		44068-0103		10		44068-0103		10		44068-0103	
12		X 44068-0104		12		X 44068-0104		12		X 44068-0104	
14		44068-0105		14		44068-0105		14		44068-0105	
16		X 44068-0106		16		X 44068-0106		16		X 44068-0106	
18		44068-0107		18		44068-0107		18		44068-0107	
20		X 44068-0108		20		X 44068-0108		20		X 44068-0108	
22		X 44068-0109		22		X 44068-0109		22		X 44068-0109	
24		44068-0110		24		44068-0110		24		44068-0110	

SEE SHEET 1 EC NO: UCP2012-3785 DRAWN BY: G CHKD: JELL APPR: SMITH REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm	MM/IN	1:1	METRIC		
	▽=0	INCH					
	▽=0	4 PLACES ±---	DRAWN BY: MANLAPAZ	DATE: 1997/12/04	TITLE		
		3 PLACES ±---	CHECKED BY: BANDURA	DATE: 1997/12/06	MINI-FIT JR BMI SMC		
		2 PLACES ±0.25 ±.014	APPROVED BY: FSMITH	DATE: 2012/02/02	VERTICAL HEADER ASM		
		1 PLACE ±0.35 ±---	MATERIAL NO.	DOCUMENT NO.	VARIOUS BOARD THICKNESS		
		ANGULAR ±1/2°	SEE CHART	SD-44068-031	MOLEX INCORPORATED		
		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				

X PRECEDING PART NUMBER DESIGNATES CIRCUIT SIZE IS NOT TOOLED PLEASE CONTACT FACTORY												
12	11	10	9	8	7	6	5	4	3	2	1	