

Excellent Integrated System Limited

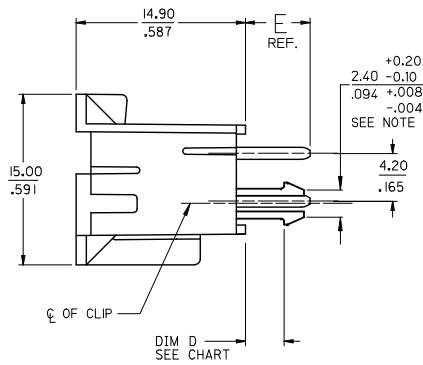
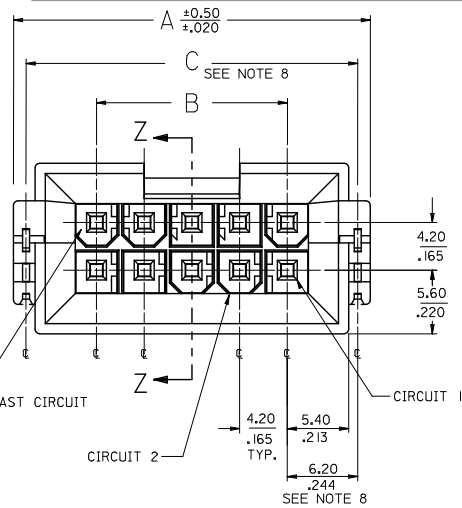
Stocking Distributor

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

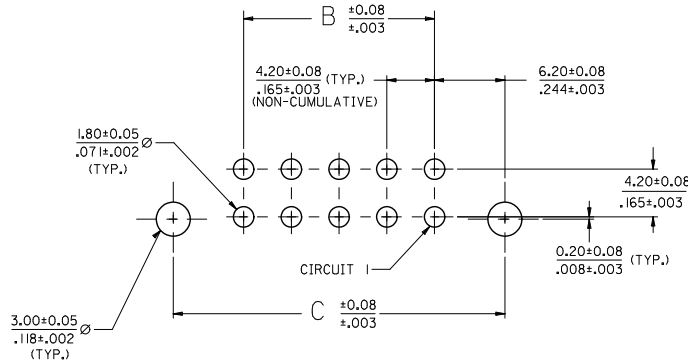
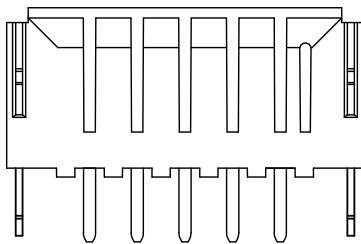
[Molex Connector Corporation](#)
[0440680090](#)

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.

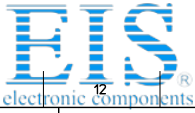


PCB LAYOUT: COMPONENT SIDE

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: F. SMITH 2012/06/01	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM/IN	4:1	METRIC		
					DRAWN BY DATE	TITLE			
			4 PLACES ± --- ± ---		MANLAPAZ 1997/12/04	MINI-FIT JR BMI SMC			
			3 PLACES ± --- ± .010		CHECKED BY DATE	VERTICAL HEADER ASM			
			2 PLACES ± 0.25 ± .014		BANDURA 1997/12/06	VARIOUS BOARD THICKNESS			
			1 PLACE ± 0.35 ± ---		APPROVED BY DATE	MOLEX INCORPORATED			
			ANGULAR ± 1/2°		FSMITH 2012/02/02	MOLEX INCORPORATED			
					MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2	SD-44068-031		1 OF 2	
REV	SIZE	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 0440680090 - MF SMC VERT HDR W/.125 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		44068-0089	04		44068-0090	04		44068-0100
06		44068-0090	06		44068-0091	06		44068-0101
08		X 44068-0091	08		X 44068-0092	08		X 44068-0102
10		44068-0092	10		44068-0093	10		44068-0103
12		X 44068-0093	12		X 44068-0094	12		X 44068-0104
14		44068-0094	14		X 44068-0095	14		44068-0105
16		X 44068-0095	16		44068-0096	16		X 44068-0106
18		44068-0096	18		X 44068-0097	18		44068-0107
20		X 44068-0097	20		44068-0098	20		X 44068-0108
22		X 44068-0098	22		X 44068-0099	22		X 44068-0109
24		44068-0099	24		44068-0100	24		44068-0110

SEE SHEET 1 EC NO: UCP202-3785 DRAWN BY 2012/05/17 CHKD: JELL 2012/05/17 APPR: SMITH 2012/06/01 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$	mm	MM/IN	1:1	METRIC	
	$\nabla=0$	INCH				
	$\nabla=0$	4 PLACES $\pm .005$	DRAWN BY	DATE	TITLE	
		3 PLACES $\pm .010$	MANLAPAZ	1997/12/04	MINI-FIT JR BMI SMC	
	2 PLACES ± 0.25	CHECKED BY	DATE	VERTICAL HEADER ASM		
	1 PLACE ± 0.35	BANDURA	1997/12/06	VARIOUS BOARD THICKNESS		
		APPROVED BY	DATE	MOLEX INCORPORATED		
		FSMITH	2012/02/02			
		MATERIAL NO.	DOCUMENT NO.			
		SEE CHART	SD-44068-031			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				