

Excellent Integrated System Limited

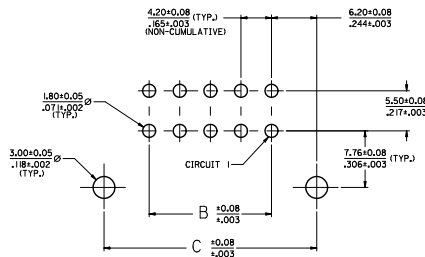
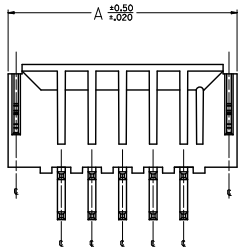
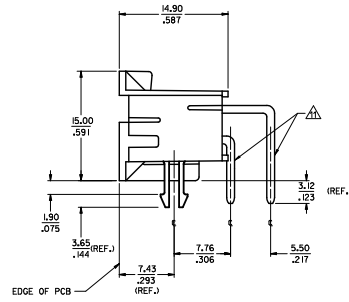
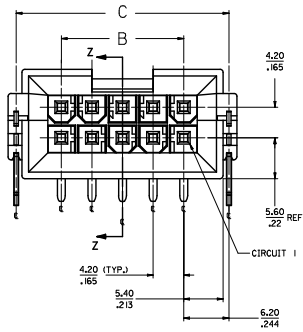
Stocking Distributor

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

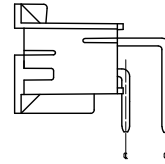
[Molex Connector Corporation](#)
[0438100215](#)

For any questions, you can email us directly:

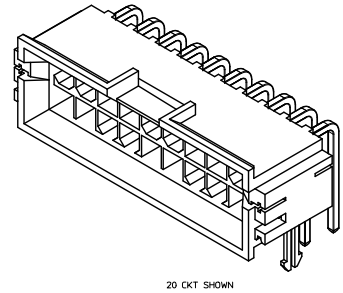
sales@integrated-circuit.com



PCB LAYOUT, COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.60±0.18
.063±.007



**HEADER ASSEMBLY
WITH NO CLIP OPTION**



NOTES

- 1) MATERIALS
HOUSING: NYLON 4/6 UL 94V-0 GLASS FILLED, COLOR: BLACK
TERMINAL: BRASS
BOARD RETENTION CLIP: BRASS
- 2) FINISHES:
TERMINAL:
1-0.00254/0.000100 MIN. BRIGHT TIN OVER
0.00127/0.000050 MIN. 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
MOUNTING CLIP:
0.00254/0.000100 MIN. MATTE TIN OVER
0.00127/0.000050 MIN. NICKEL
- 3) PRODUCT SPECIFICATION: PS-43810-001
- 4) PACKAGING SPECIFICATION: PK-43810-001
- 5) PARTS MATES WITH MOLEX RECEPTACLE #5557 AND #42474 AND #42385 HEADER
- 6) PART ALLOWS FOR (127/1050) MAX MS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION
- 7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE
- 8) PARTS ARE NOT DESIGNED FOR CURRENT SHARING
- 9) 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.
- 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
- 11) FORMING MARKS ARE ACCEPTABLE

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM/IN		4:1		METRIC			
4 PLACES ±.005		mm		INCH		DRAWN BY		DATE		TITLE	
3 PLACES ±.010		mm		INCH		MANLAPAZ		01-06-97		MINI-FIT JR BM	
2 PLACES ±0.25		mm		INCH		CHECKED BY		DATE		RIGHT ANGLE HEADER ASM.	
1 PLACE ±0.35		mm		INCH		BANDURA		03-26-97		FOR 1.6/0.63 THK. PCB	
ANGULAR ±1/2°		mm		INCH		APPROVED BY		DATE		MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm		INCH		FSMITH		2012/01/19		SD-43810-011	
SEE CHART		mm		INCH		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		mm		INCH						1 OF 2	

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. 14"	DIM. 19"	DIM. 20"	FINISH		MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. 14"	DIM. 19"	DIM. 20"	FINISH					
H	438 10-0001	4	YES	18.81 -740	4.20 -165	16.60 -653	I		438 10-0199	4	NO	18.81 -740	4.20 -165	16.60 -653	I					
	438 10-0002	6	YES	23.01 -906	8.40 -331	20.80 -819	I		438 10-0200	6	NO	23.01 -906	8.40 -331	20.80 -819	I					
N	438 10-0003	8	YES	27.21 1.071	12.60 -496	25.00 -984	I	N	438 10-0201	8	NO	27.21 1.071	12.60 -496	25.00 -984	I					
L	438 10-0004	10	YES	31.41 1.237	16.80 -661	29.20 1.150	I		438 10-0202	10	NO	31.41 1.237	16.80 -661	29.20 1.150	I					
N	438 10-0005	12	YES	35.61 1.402	21.00 -828	33.40 1.315	I	N	438 10-0203	12	NO	35.61 1.402	21.00 -828	33.40 1.315	I					
	438 10-0006	14	YES	39.81 1.567	25.20 -992	37.60 1.480	I		438 10-0204	14	NO	39.81 1.567	25.20 -992	37.60 1.480	I					
K	438 10-0007	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	I	N	438 10-0205	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	I					
	438 10-0008	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	I		438 10-0206	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	I					
N	438 10-0009	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	I	N	438 10-0207	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	I					
J	438 10-0010	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	I	N	438 10-0208	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	I					
	438 10-0011	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	I		438 10-0209	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	I					
	438 10-0012	4	YES	18.81 -740	4.20 -165	16.60 -653	2		438 10-0210	4	NO	18.81 -740	4.20 -165	16.60 -653	2					
I	438 10-0013	6	YES	23.01 -906	8.40 -331	20.80 -819	2		438 10-0211	6	NO	23.01 -906	8.40 -331	20.80 -819	2					
N	438 10-0014	8	YES	27.21 1.071	12.60 -496	25.00 -984	2	N	438 10-0212	8	NO	27.21 1.071	12.60 -496	25.00 -984	2					
	438 10-0015	10	YES	31.41 1.237	16.80 -661	29.20 1.150	2		438 10-0213	10	NO	31.41 1.237	16.80 -661	29.20 1.150	2					
H	438 10-0016	12	YES	35.61 1.402	21.00 -828	33.40 1.315	2	N	438 10-0214	12	NO	35.61 1.402	21.00 -828	33.40 1.315	2					
	438 10-0017	14	YES	39.81 1.567	25.20 -992	37.60 1.480	2		438 10-0215	14	NO	39.81 1.567	25.20 -992	37.60 1.480	2					
G	438 10-0018	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	2	N	438 10-0216	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2					
	438 10-0019	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	2		438 10-0217	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2					
N	438 10-0020	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	2	N	438 10-0218	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2					
	438 10-0021	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	2	N	438 10-0219	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2					
F	438 10-0022	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	2		438 10-0220	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2					
N = NOT TOOLED																				
N = NOT TOOLED																				
E																				
D																				
C																				
B																				
A																				
ID: Frame_0_P_Alt_1 Rev. 1 2009/06/17																				

SEE SHEET 1 ECN NO. UFD202-560 2010/01/20 H DOWNING/EN CHKD-BELL 2010/01/20 APPROVED BY 2010/01/20 MTH REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MINI-FIT JR BML RIGHT ANGLE HEADER ASM. FOR 16/063 THK. PCB	SHEET NO. 2 OF 2
	▽=0	4 PLACES ±--- ±---	mm	INCH	DRAWN BY MAN/APAZ	DATE 01-06-97			
	▽=0	3 PLACES ±--- ±---			CHECKED BY BANDURA	DATE 03-26-97			
	▽=0	2 PLACES ±0.25 ±0.014			APPROVED BY FSM/TH	DATE 2012/01/19			
	▽=0	1 PLACE ±0.35 ±---			MATERIAL NO. SD-43810-011				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-43810-011					

SEE SHEET 1 EC NO. UEP202-560 2012/01/20 DRAWING/EN H CHKD-BELL 2012/01/20 APPROVED/EN H 2012/01/20 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/MIN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---		DRAWN BY MAN/APAZ		DATE 01-06-97	TITLE MINI-FIT JR BM			
		3 PLACES ± --- ± .010		CHECKED BY BANDURA		DATE 03-26-97	RIGHT ANGLE HEADER ASM. FOR 1.6/0.63 THK. PCB			
		2 PLACES ± 0.25 ± .014		APPROVED BY FSM/TH		DATE 2012/01/19	MOLEX INCORPORATED			
		1 PLACE ± 0.95 ± ---		ANGULAR ± 92°		MAT. NO. SD-43810-011		DOC. NO. MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHAIR		SD-43810-011		SHEET NO. 2 OF 2				
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								