

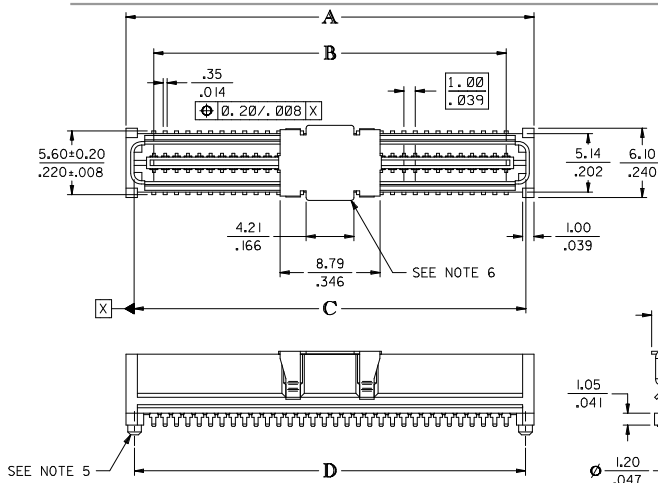
Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0714368164](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



CIRCUIT SIZE	DIM. A	DIM. B	DIM. C	DIM. D
20	13.90 .547	9.00 .354	12.58 .495	12.40 .488
30	18.90 .744	14.00 .551	17.58 .692	17.40 .685
40	23.90 .941	19.00 .748	22.58 .889	22.40 .882
50	28.90 1.138	24.00 .945	27.58 1.086	27.40 1.079
60	33.90 1.335	29.00 1.142	32.58 1.283	32.40 1.276
64	35.90 1.413	31.00 1.220	34.58 1.361	34.40 1.354
70	38.90 1.531	34.00 1.339	37.58 1.480	37.40 1.472
80	43.90 1.728	39.00 1.535	42.58 1.676	42.40 1.669
84	45.90 1.807	41.00 1.614	44.58 1.755	44.40 1.748
90	48.90 1.925	44.00 1.732	47.58 1.873	47.40 1.866
100	53.90 2.122	49.00 1.929	52.58 2.070	52.40 2.063
110	58.90 2.319	54.00 2.126	57.58 2.267	57.40 2.260
120	63.90 2.516	59.00 2.323	62.58 2.464	62.40 2.457

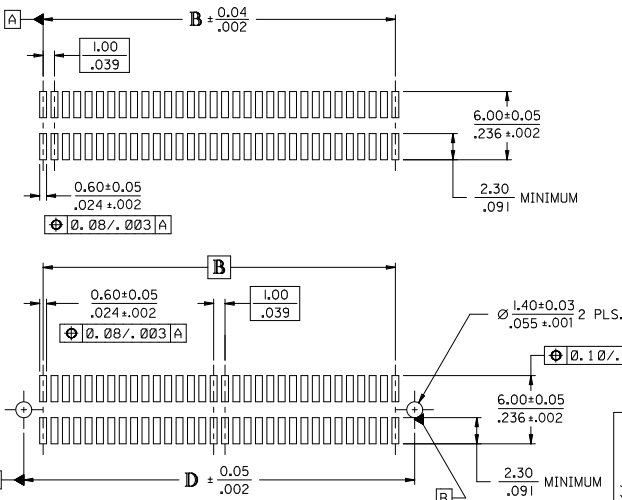
NOTES:

- 64-CIRCUIT PLUG ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN FOR ILLUSTRATION PURPOSES ONLY.
- HOUSING MATERIAL: G.F. THERMOPLASTIC; UL RATING: 94V-0; COLOR: WHITE
TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205/0.080 THICK
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/0.0100 THICK
- COPLANARITY OF SMT TAILS: 0.10/0.004 MAX.
- PACKAGING SPECIFICATIONS: REFER TO CHART ON SHEET 2.
- PEGS ARE OPTIONAL. REFER TO CHART ON SHEET 2.
- VACUUM PICK & PLACE CAP IS OPTIONAL. REFER TO CHART ON SHEET 2.
- THIS PART CONFORMS TO EIA STANDARD 700 AAB FOR 1.0mm TWO-PART CONNECTORS FOR USE WITH PARALLEL PRINTED BOARDS.
- THIS PART, WHEN MATED WITH MOLEX 1.0mm RECEPTACLE CONNECTOR SERIES 71439, CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71436-9999. REFER TO CHART ON SHEET 2 FOR MATED STACK HEIGHT(S) FOR THIS PLUG.
- DIMENSIONS ARE IN MILLIMETER/INCH. INCH DIMENSIONS SHOWN FOR REFERENCE ONLY.

PLATING PER ES-88:

- 30 GOLD - 0.00076/0.00030 MINIMUM GOLD PLATING IN CONTACT AREA,
0.0019/0.00075 MINIMUM TIN PLATING IN TERMINAL AREA,
OVER 0.00127/0.00050 MINIMUM NICKEL PLATING OVERALL

2	D
1	D
SHT	REV



**RECOMMENDED PCB LAYOUT
(WITH AND WITHOUT PEGS)**

RECOMMENDED PCB THICKNESS: 1.00±0.10/.039±.004 MINIMUM

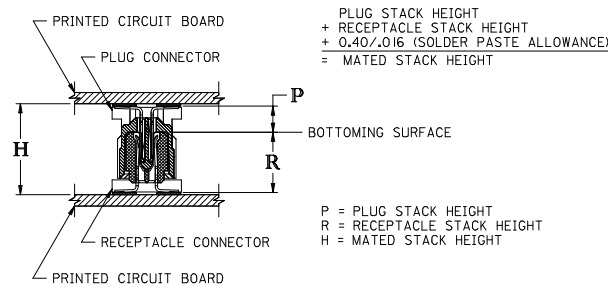
ADD -8.464 EC NO: UCF2007-2362 DWBARBAR CHPDMBAR CJF001BAR CJF001BAR CJF001BAR	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION			
					MM/IN		4:1	METRIC				
							DRAWN BY			DATE	TITLE	
			4 PLACES ±		---		RKADAMS			08/18/2004	SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 2.30/.090 STACK HEIGHT	
			3 PLACES ±		---		CHECKED BY			DATE		
			2 PLACES ±		0.13 ±.01		BBARKER			08/18/2004		
			1 PLACE ±		0.25 ±---		APPROVED BY			DATE		
			ANGULAR ±1/2°				SMILLER			08/18/2004		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.			DOCUMENT NO.		SHEET NO.
							SEE TABLE			SD-71436-001		1 OF 2
				SIZE								

STANDARD

CIRCUIT SIZE	PLUG ASSEMBLY ITEM NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-8164	YES	NO	PK-70873-0607	TUBE
64		YES	YES	PK-70873-0607	TUBE
64	71436-8464	YES	YES	PK-70873-063	TAPE & REEL
64		NO	NO	PK-70873-0606	TUBE
64		NO	YES	PK-70873-0606	TUBE
64	71436-8864	NO	YES	PK-70873-063	TAPE & REEL

RECOMMENDED PLUG/RECEPTACLE COMBINATION FOR MATED STACK HEIGHT PER EIA STANDARD 700 AAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
8.00/.315	5.30/.209	71439-0***	2.30/.090	71436-8***



ADD -8464		EC NO: UCP2007-2362	2007/04/03	DRW:MMBARKER	2007/04/04	CHK:MMBARRA	2007/04/11	APPR:SMILLER	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
									▽=0	mm INCH		DRAWN BY DATE		TITLE			
									▽=0	4 PLACES ± --- ± ---		RKADAMS 08/18/2004		SALES ASSY, 1.0MM BOARD			
										3 PLACES ± --- ± ---		CHECKED BY DATE		TO BOARD PLUG CONNECTOR			
										2 PLACES ± --- ± ---		BBARKER 08/18/2004		2.30/090 STACK HEIGHT			
										1 PLACE ± --- ± ---		APPROVED BY DATE		MOLEX MOLEX INCORPORATED			
										ANGULAR ±1/2°		SMILLER 08/18/2004		MOLEX MOLEX INCORPORATED			
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO. SD-71436-001		SHEET NO. 2 OF 2	
												SEE TABLE					
												SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			