

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

SEE NOTE 5

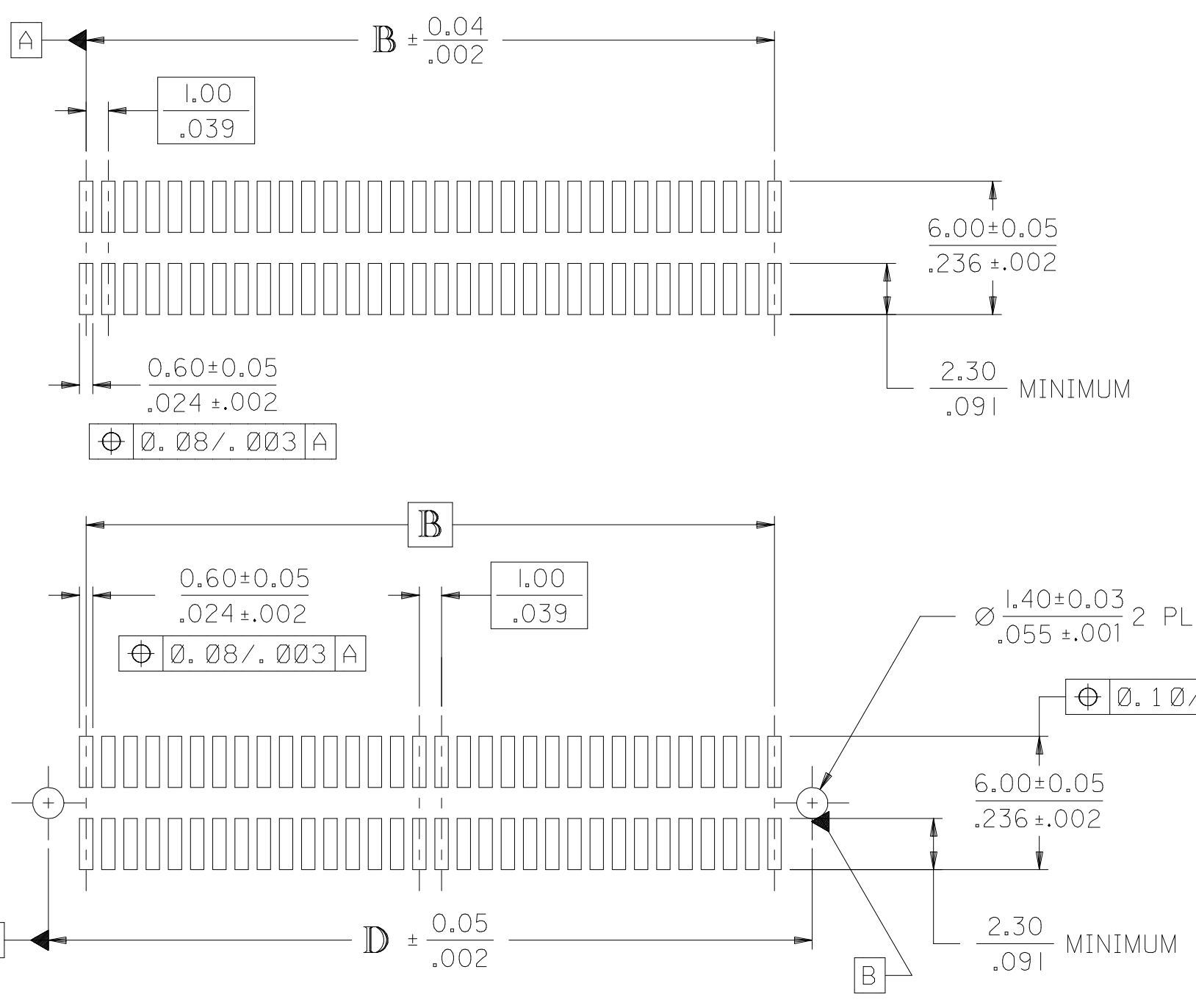
**NOTES:**

- 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/.0080 THICK  
VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255/.0100 THICK
- COPLANARITY OF SMT TAILS: 0.10/.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 AAAB 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/.000030 MINIMUM GOLD PLATING IN CONTACT AREA,  
0.0019/.000075 MINIMUM TIN PLATING IN TERMINAL AREA,  
OVER 0.00127/.000050 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 -8464	DESCRIPTION
EC NO: UCP2007-2362	
DRWN:BBARKER 2007/04/03	
CHKD:MIBARRA 2007/04/04	
APPR:SMILLER 2007/04/11	
REV	

QUALITY SYMBOLS		
▽=0		
▽=0		
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	
	INCH	
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
RKADAMS	08/18/2004
CHECKED BY	DATE
BBARKER	08/18/2004
APPROVED BY	DATE
SMILLER	08/18/2004
MATERIAL NO.	SEE TABLE
SIZE	C

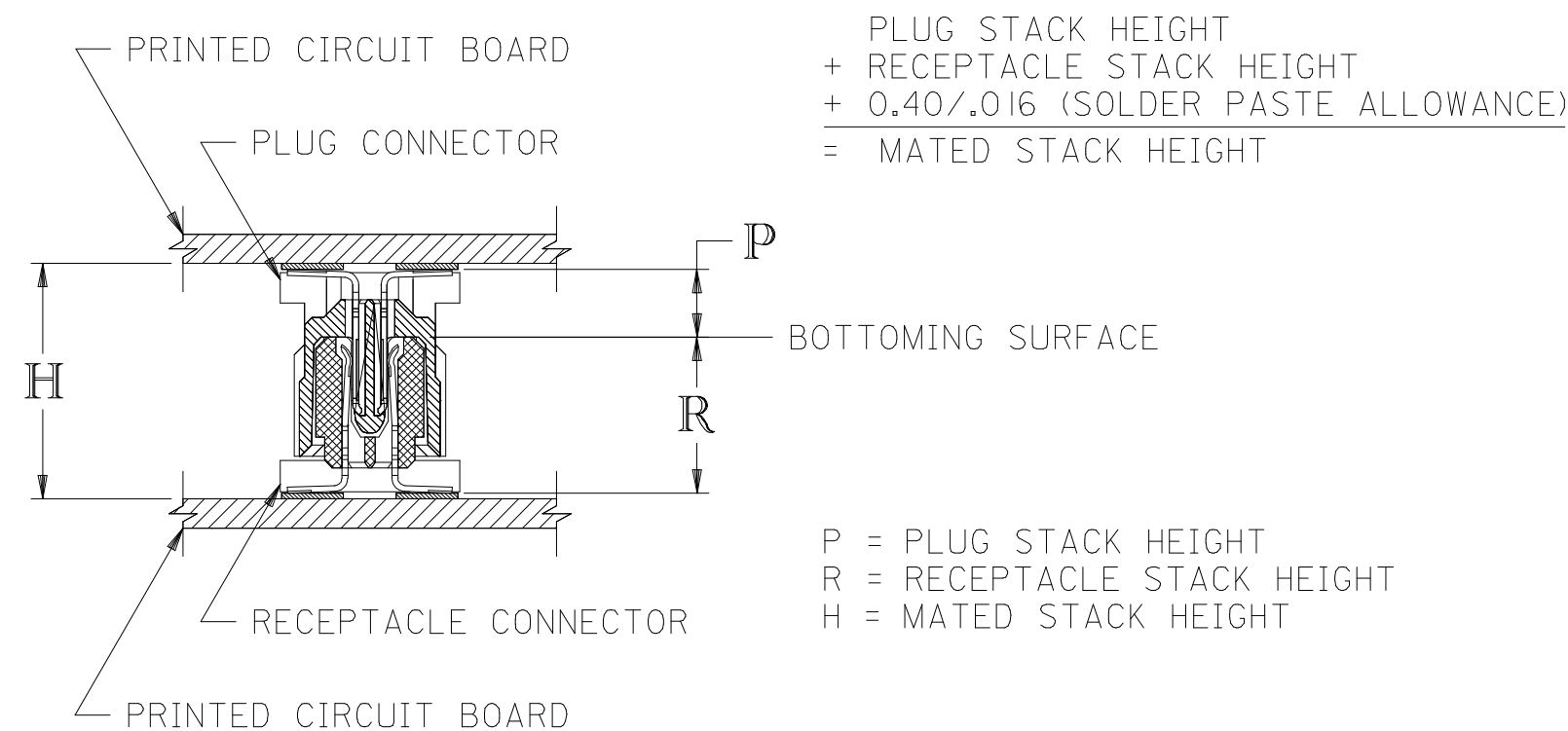
SCALE	4:1
DESIGN UNITS	METRIC
THIRD ANGLE PROJECTION	
TITLE	
SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 2.30/.090 STACK HEIGHT	
MOLEX INCORPORATED	
MATERIAL NO.	SEE TABLE
DOCUMENT NO.	SD-71436-001
SHEET NO.	1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

**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 AAAB

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