

# 3M™ Chip Carrier Sockets

Low Profile, Four-Row, Through-Hole

8400 Series



- Accepts chip carriers conforming to JEDEC outline MO-047 for square and MO-052 for rectangular
- Compatible with automated loading equipment
- Open top design allows unrestricted air flow
- Molded slots for ease of device extraction
- Wave solder compatible. Not suitable for reflow soldering
- RoHS\* compliant

Date Modified: December 12, 2006

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## Physical

### Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Black

### Contact

Material: Copper Alloy

### Plating

Underplating: 50  $\mu$ " , [ 1.27  $\mu$ m ] Nickel - Overall

Wiping Area: 160  $\mu$ " , [ 4.06  $\mu$ m ] Matte Tin

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## Electrical

**Contact Resistance:** 15 m $\Omega$

**Insulation Resistance:** >10<sup>3</sup> M $\Omega$  minimum

**Capacitance:** <1 pF at 1MHz

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## Environmental

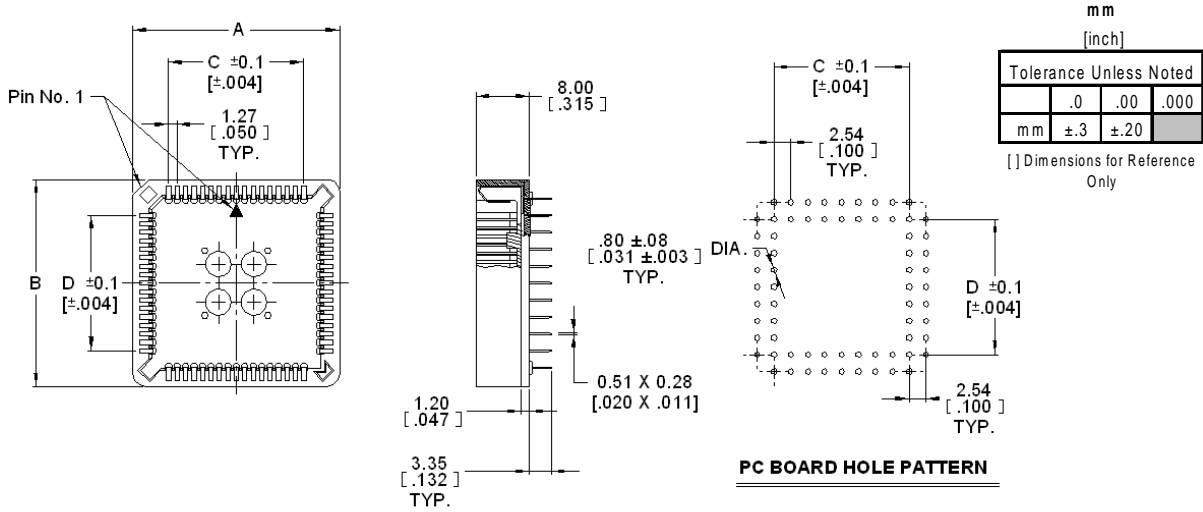
**Temperature Rating:** -40°C to +105°C

\*\*RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated in writing by 3M, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M.

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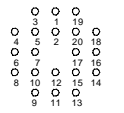
8400 Series



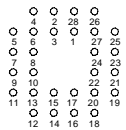
Contact Quantity	Part No.	A	B	C	D
20	8420-11B1-RK-TP	15.50 [0.611]	15.50 [0.611]	5.08 [0.200]	5.08 [0.200]
28	8428-11B1-RK-TP	18.05 [0.711]	18.05 [0.711]	7.62 [0.300]	7.62 [0.300]
32	8432-11B1-RK-TP	18.05 [0.711]	20.60 [0.812]	7.62 [0.300]	10.16 [0.400]
44	8444-11B1-RK-TP	23.50 [0.926]	23.50 [0.926]	12.70 [0.500]	12.70 [0.500]
52	8452-11B1-RK-TP	25.88 [1.020]	25.88 [1.020]	15.24 [0.600]	15.24 [0.600]
68	8468-11B1-RK-TP	31.05 [1.223]	31.05 [1.223]	20.32 [0.801]	20.32 [0.801]
84	8484-11B1-RK-TP	36.05 [1.420]	36.05 [1.420]	25.40 [1.001]	25.40 [1.001]

## LAYOUT DIAGRAM

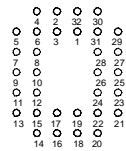
20 POSITION



28 POSITION



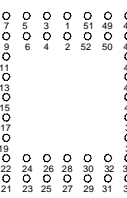
32 POSITION



44 POSITION



52 POSITION



64 POSITION



84 POSITION



## Ordering Information

**84XX - 11B1 - RK - TP**

— Contact Quantity  
(See Table)

Note: Parts packaged in tubes.

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## Important Notice

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# 3M

## 3M Electronics

6801 River Place Blvd.  
Austin, TX 78726-9000  
800/225-5373  
[www.3M.com/electronics](http://www.3M.com/electronics)

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Minimum 10%  
Post-Consumer Fiber

Printed in USA.

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