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. See the Regulatory Information Appendix (RIA) in the "RoHS Compliance" section of www.3Mconnector.com for compliance information (RIA E1 and C1 apply)

Date Modified: September 14, 2011

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Physical

Insulation	
Material:	Glass Filled Polyester (PBT)
Flammability:	UL 94V-0
Color:	Black
Contact	
Material:	Copper Alloy
Plating	
Underplating:	50 µ" [1.27 µm] Nickel - Overall
Wiping Area:	160 µ", [4.06 µm] Matte Tin

Electrical

Contact Resistance:	15 mΩ
Insulation Resistance:	$>10^3$ MΩ minimum
Capacitance:	<1 pF at 1 MHz

Environmental

Temperature Rating:	-40ºC to +105ºC
Process Rating:	Wave Solder Only

Notice:

Please be aware that the 3M PLCC products are tin plated on the contact wiping surface. This is necessary to ensure mated reliability since standard PLCC contacts are also tin plated. Since tin whiskers are an inherent characteristic of tin and mechanically stressing the tin is a known driver of whisker growth, it is possible the PLCC and PLCC socket may exhibit tin whisker growth after mating. 3M follows the iNEMI plating recommendations which include whisker mitigating tin plating chemistry to reduce the likelihood of tin whisker growth. Please consider whether a PLCC socket is suitable for your particular needs after considering your product applications life span and environment including mechanical stresses, humidity, and thermal cycling all of which have been shown to stimulate tin whisker growth.

3M is a trademark of 3M Company.

For technical, sales or ordering information call
800-225-5373

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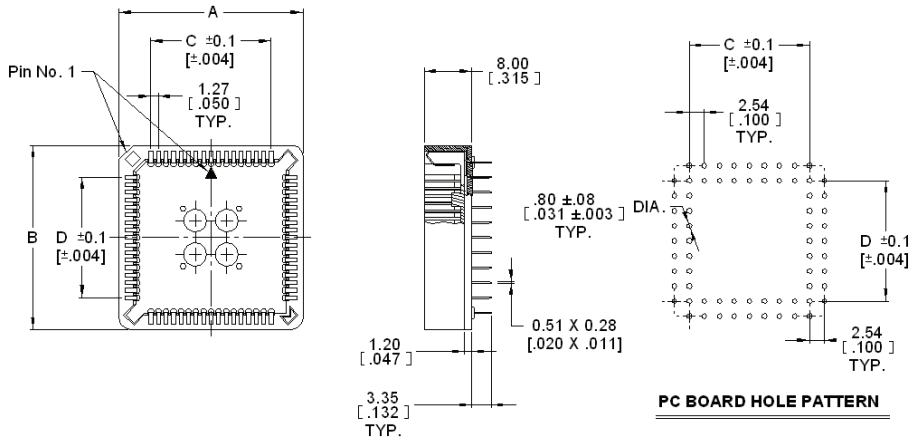
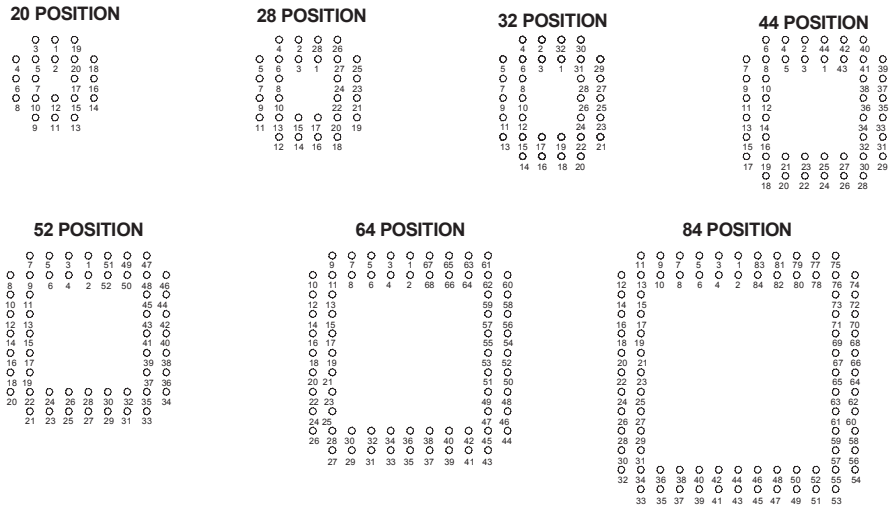


mm
(Inch)

Tolerance Unless Noted			
	.0	.00	.000
mm	±.3	±.20	
[ ] Dimensions for Reference Only			

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



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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Данный компонент на территории Российской Федерации

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Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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