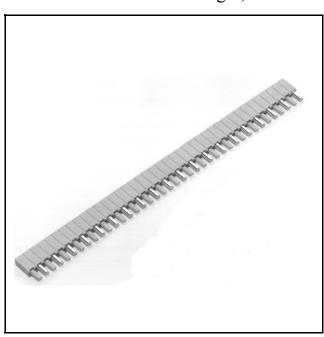
929 Series

.100" and .100" \times .100" Straight, Solder Tails



- 3-40 contacts on one row, 4-80 on two row
- Single hole board preparation simplifies board layout
- No solder mask preparation speeds manufacturing assembly
- Top mounting allows single pass for wave soldering
- See Regulatory Information Index (RIA) for chemical compliance information



Date Modified: March 15, 2007

TS-0814-05 Sheet 1 of 2

Physical

Insulation Glass Filled Polyester (PLY)

Material:

Flammability: UL 94V-0

Color: Gray

Contact

Material: Copper

Plating

Underplating: 1 4 µm Nickel

Wiping Area See Sering information options for thickness

Solder Ta μ'' [2.54 μ m] tin lead or 200 μ'' [5.08 μ m] matte tin

V sing one

Electrical

nt Rating: 2 A

lation Resistance: $> 1 \times 10^9 \Omega$ at $500~V_{DC}$ ithstanding Voltage: $1000~V_{RMS}$ at Sea Level

Environmental

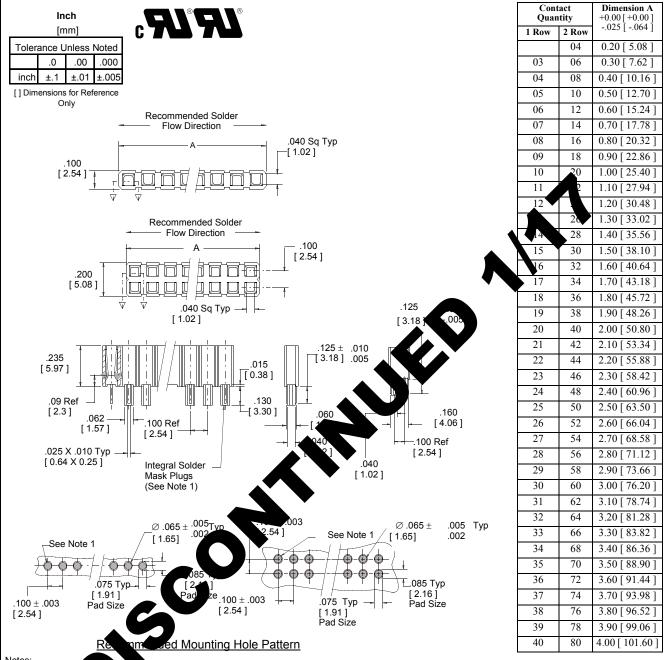
Temperature Rating: -55°C to +105°C

Process Rating: 260°C, (profile per J-STD-020C)

Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

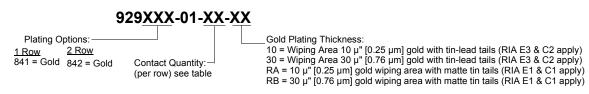
.100" and .100" \times .100" Straight, Solder Tails



Notes:

- 1. It is recommended that he plated thru-hole on the ends be .062" [1.57] to .063" [1.60]. This will prevent the connector from floating during the wave soldering process.
- 2. Integral solder manuages are removed after soldering by using the 3M™ Hand Tool 929013 with the 3M™ Molded Head 929025-0X-XX or 3M™ Hand Tool 929012 with the 3M™ Press 929050.
- 3. Do not hand solder this connector because the solder heat and volume of solder cannot be adequately controlled. This would make the integral plugs difficult or impossible to remove.
- 4. The connector should be flow soldered such that it enters the solder wave, end first (width).

Ordering Information



TS-0814-05 Sheet 2 of 2

Regulatory Information Appendix 3M Electronic Solutions Division/Interconnect

EUROPE

Appendix E1: European Union RoHS

Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical & Electronic Equipment, as amended by EU Commission Decision 2005/618/EC.

This product is RoHS Compliant 2005/95/EC.

"RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. Unless otherwise stated by 3M in writing, this information represents 3M's best knowledge and belief based upon information provided by third part appliers to 3M.

In the event any product is proven not to conform with 3M's Regulatory Information Appendix then 3 sentire liability and Buyer's exclusive remedy will be in accordance with the Warranty stated below.

Appendix E2: European Union RoHS

Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical & Electronic Equipment, as amended by EU Commission Decision 2005/618/EC.

This product contains lead in the compliant pin area in excess of the maximum neentration value allowed but is compliant by exemption under EU Commission Decision 2005/747/EC.

"RoHS Compliant 2005/95/EC" means that the product or part ("Product" does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/SC, and ended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU Roys. In less otherwise stated by 3M in writing, this information represents 3M's best knowledge and belief based upon formation provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M states tory Information Appendix, then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the farranty stated below.

Appendix E3: European Union RoHS

Directive 2002/95/EC, Restriction of the Use of Certain Alazardous Substances in Electrical & Electronic Equipment as amended by Commission Decision 2005/61

This product contains lead in the solder tax, rea in excess of the maximum concentration value allowed. Unless otherwise stated by 3M in writing, an information represents 3M's best knowledge and belief based upon information provided by third party survive to 3M.

In the event any product is provened by conform with 3M's Regulatory Information Appendix, then 3M's entire liability and Buyer's exclusive remains a coordance with the Warranty stated below.

Appendix E4: Europe in Carion RoHS

Directive 2002/95 CRE Diction of the Use of Certain Hazardous Substances in Electrical & Electronic Equipment, as amended by EU minusion Decision 2005/618/EC.

This product contain acecaBDE in the insulating material in excess of the maximum concentration value allowed but is compliant by exemption under EU Commission Decision 2005/17/EC.

"RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. Unless otherwise stated by 3M in writing, this information represents 3M's best knowledge and belief based upon information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M's Regulatory Information Appendix, then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the Warranty stated below.



Appendix C1: China RoHS

Electronic Industry Standard of the People's Republic of China, SJ/T11363-2006, Requirements for Concentration Limits for Certain Hazardous Substances in Electronic Information Products.

This symbol, per Marking for the Control of Pollution Caused by Electronic Information Products, SJ/T11364-2006, 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: (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 by 3M in writing, this information represents 3M's best knowledge and belief based upon information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M's Regulatory Information Appendix, there M's entire liability and Buyer's exclusive remedy will be in accordance with the Warranty stated below.



Appendix C2: China RoHS

Electronic Industry Standard of the People's Republic of China, SJ/T11363-2006, Requirements for Concentration Limits for Certain Hazardous Substances in Electronic Information Products.

This symbol, per Marking for the Control of Pollution Caused by Electronic Information Products, SJ/T11364-2006, means that the product or part **does** contain a substance, as detailed in the charges w, in excess of the following maximum concentration values in any homogeneous material: (a) 0.1% (by we let or lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers or (b) 1% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's best own dge and belief based upon information provided by third party suppliers to 3M.

The numerical reference in the symbol above should not be contracted a representation regarding the product's life or an extension of a product warranty. The product warranty is a contracted with 3M's Regulatory Information Appendix, then 3M's and Tability and Buyer's exclusive remedy will be in accordance with the product Warranty stated below.

产品中有毒有害物质或元素的名称及含量 A. Amar d Content of Hazardous Substances or Elements

广曲中有每有害物质或几条的名称及含量 Admin to Content of Trazardous Substances of Elements					
部件名称	有害物质或元素(Hazardous Substances or Elements)				
(Part or Component Name)	铅(Pb,	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
端子镀层(contact plating)		0	0	0	0
〇: 表示该有毒有害物质在该部件所。 句质材 phos量均在SJ/T11363-2006 标准规定的限量要求以下。(Indicates that this hazardous substance contained in SJ/T11363-2006.) ※: 表示该有毒有害物质至生 该部 的某一均质材料中的含量超出SJ/T11363-2006 标准规定的限量要求。(Indicates that this hazardous substance contained in least one of the homogeneous materials used for this part is above the limit requirement in SJ/T 33-206.					

Important Notice

All statements, technic arms on, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or complete as is but guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume the sks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of ninety (90) days from the time of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.



Electronic Solutions Division

6801 River Place Blvd. Austin, TX 78726-9000 800/225-5373 www.3M.com/interconnects



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина,

дом 2, корпус 4, литера А.