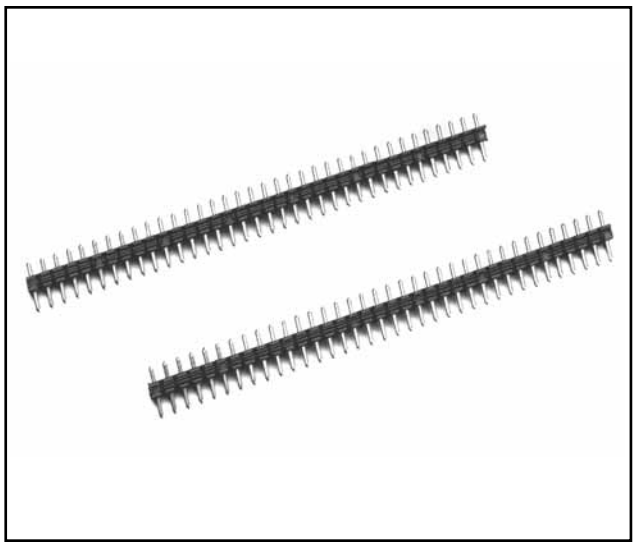
3M™ Pin Strip Header

.100" and .100" x .100", .093" Mating Length, Straight, Solder Tails 929 Series



- Low profile for close board stacking
- Solder stand-offs to facilitate production wave solder and board cleaning
- Board pin retention feature available
- See the Regulatory Information Appendix (RIA) in the "RoHS Compliance" section of www.3Mconnectors.com for compliance information.

Date Modified: February 3, 2012

Physical

Insulation:	
Material:	Glass Filled Polyester (PBT) or PCT
Flammability:	UL 94V-0
Color:	Black
Contact:	
Material:	Copper Alloy
Plating:	
Underplating:	50 µ [1.27 µm] Nickel
Wiping Area & Solder Tails:	See ordering information
Marking:	None

Electrical

Current Rating:	2.5 A
Insulation Resistance:	$> 5 \times 10^9\ \Omega$ at 500 V_{DC}
Withstanding Voltage:	1500 V_{RMS} at Sea Level

Environmental

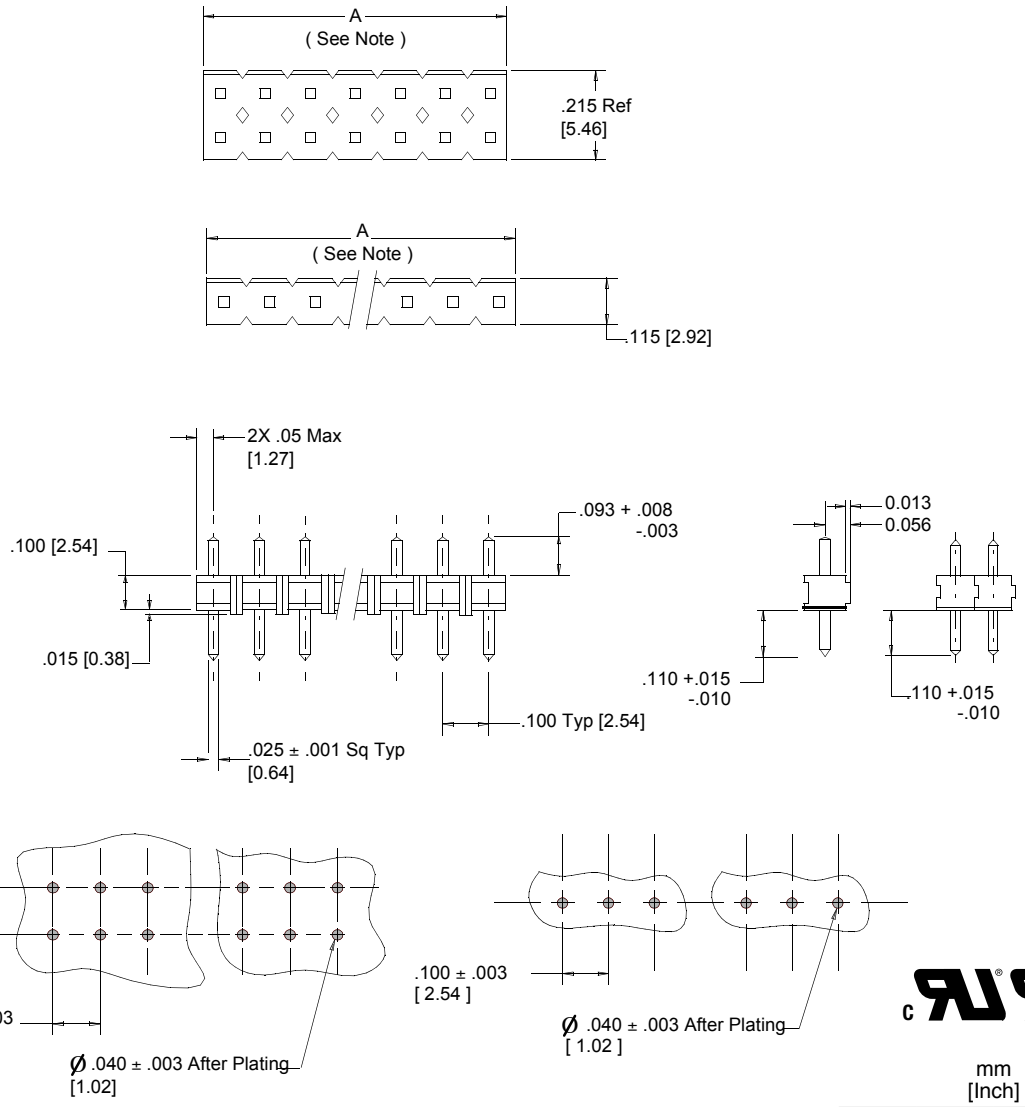
Temperature Rating:	-40°C to +105°C
Process Rating:	PCT Insulator: 260°C per J-STD-020 PBT Insulator: Maximum insulator temperature 191°C for solder wave process only
Moisture Sensitivity Level:	1 (per J-STD-020C) for PCT insulator only

UL File No.: E68080

3M is a trademark of 3M Company.
For technical, sales or ordering information call
800-225-5373

3M™ Pin Strip Header

.100" and .100" x .100", .093" Mating Length, Straight, Solder Tails — 929 Series



Recommended Hole Pattern

mm
[Inch]

Tolerance Unless Noted			
	.0	.00	.000
mm	±.1	±.01	±.005

[ ] Dimensions for Reference Only

Note:

A = .10" [2.5] × pin quantity per row. Dimension A is a maximum when the pin strip is cut to length, not when the strip is broken to length. 2 row parts not recommended to be broken to length.

Ordering Information

Tin

9X9800-01-XX-XX

- Pin Quantity (01-36)
- Plating Suffix:
  - blank = 100 µ" [2.54 µm] tin-lead, PBT insulator (RIA E3 & C2 apply)
  - RK = 200 µ" [5 µm] matte tin, PCT insulator (RIA E1 & C1 apply)
- Board Retention Feature
  - 2 = None
  - R = Kinked Tails

Gold

9X98XX-01-XX-XX

- 05 = 1 row
- 15 = 2 row
- Board Retention Feature
  - 2 = None
  - R = Kinked Tails
- Pin Quantity per row (01-36) ([02-72] ÷ 2)
- Gold Plating Suffix
  - I = 10 µ" [0.25 µm] all over, PBT insulator (RIA E1 & C1 apply)
  - EU = 10 µ" [0.25 µm] all over, PCT insulator (RIA E1 & C1 apply)

TS-0816-B
Sheet 2 of 2

3M

Electronic Solutions Division
Interconnect Solutions
http://www.3Mconnectors.com

3M is a trademark of 3M Company.

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

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks 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 one (1) year 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.**

3M Electronics Solutions Division
6801 River Place Blvd.
Austin, TX 78726-9000
U.S.A.
1-800-225-5373
www.3Mconnectors.com

Please recycle. Printed in USA.
© 3M 2012. All rights reserved.
RIA-2217B-E

3M is a trademark of 3M Company.