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Pomona Electronics 73050

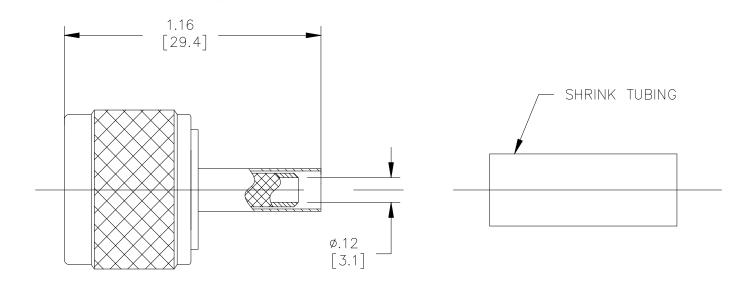
For any questions, you can email us directly: <a href="mailto:sales@integrated-circuit.com">sales@integrated-circuit.com</a>





## Technical Data Sheet

## Model 73050 N Type Plug, 50 Ohm, Crimp Type, RG58, 141





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### **Features**

- DC 6GHz bandwidth.
- Connectors are precision machined.
- Meets interface requirements MIL-C-39012.
- Connector accepts cable types RG/U: 58, 141

#### **Materials**

Center Conductor, Male: Brass, Gold Plated Connector Body: Brass, Nickel Plated Crimp Ferrule: Copper, Nickel Plated

Insulators: PTFE Gasket: Silicone Rubber

### **Specifications**

Impedance:  $50\Omega$  Frequency Range: DC - 6GHz

Contact Resistance:

 Center Conductor:
 ≤1.0 mΩ

 Outer Conductor:
 ≤0.2 mΩ

 Insulation Reistance:
 ≥ 5000 MΩ

 Dielectric Withstand Voltage:
 1500V

For CE compliance, do not hold in hand when

voltages exceed 33 Vrms / 70 Vdc.

VSWR: ≤1.5

Number of Insertions: 500 cycles minimum

### **Ordering Information**

Model: 73050

**USA:** Sales: 800-490-2361

Technical Support: technicalsupport@pomonatest.com

Fax: 425-446-5844

Europe: 31-(0) 40 2675 150 International: 425-446-5500

Where to Buy: www.pomonaelectronics.com

All dimensions are in inches. Tolerances (except noted):  $.xx = \pm .02$ " (,51 mm),  $.xxx = \pm .005$ " (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.





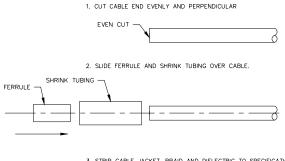
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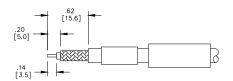
**Cable Types and Crimp Die Information** 

Connector Model #	Cable Groups	Crimp Die Cavity Size for Outer Ferrule
73050	RG58, 141	.213 (5.4)

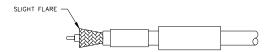
### **Cable Assembly Instructions**

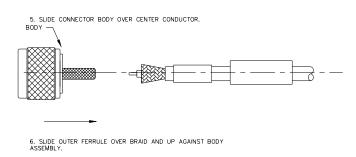


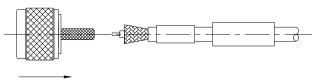
3. STRIP CABLE JACKET, BRAID AND DIELECTRIC TO SPECIFICATION LENGTHS.



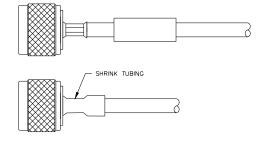
4. FLARE BRAD END SLIGHTLY.







7. CRIMP FERRULE WITH APPRORIATE CRIMP TOOL. SLIDE SHIRNK TUBING OVER CABLE AND SHRINK.



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