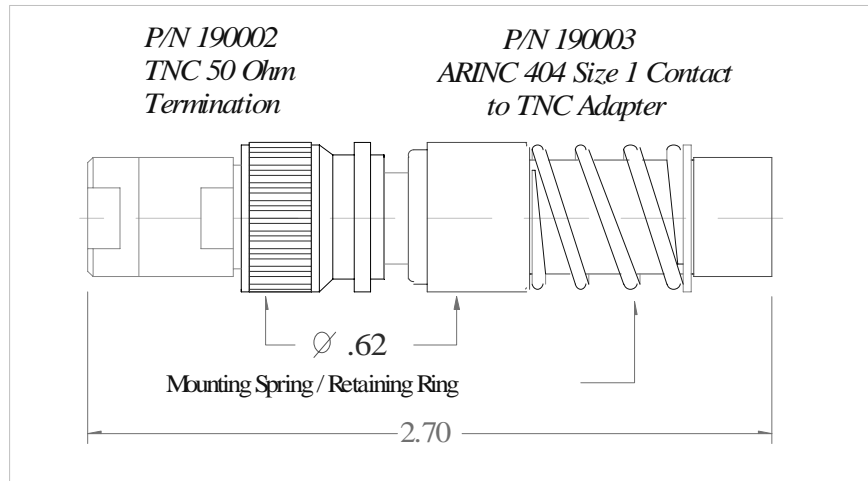


<b>PIC Wire &amp; Cable</b> <i>A Division of the Angelus Corporation</i> 262-246-0500 Fax 262-246-0450 PO Box 330 Sussex, WI 53089	<b>Connector Specification</b>	<b>P/N K240001</b>
	Approved <i>GJT</i>	Date 09/08/00
	Distribution : USER	Rev. 2 (4/16/09)

**ARINC 404 Size 1  
50 Ohm Termination**



**PERFORMANCE**

Impedance	50 Ohms
Frequency Range	0 - 5 GHz
Voltage Rating	1000 VRMS
VSWR	1.20 : 1 Max
Power Handling Capacity:	70 W Peak, under the following conditions: 32 microsecond Pulse Width 0.5 % Duty Cycle - 55° to + 85° C @ 1030 - 1090 MHz

**CONSTRUCTION**

*Materials:*

Connector Body	Brass, ASTM-B16, Alloy UNS 36000, H02
Center Contact (ARINC)	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Center Contact (TNC)	Brass, ASTM-B16, Alloy UNS 36000, H02
Outer Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Mounting Spring	Stainless Steel, ASTM 313
Retaining Ring	Stainless Steel, PH 15-7

*Finish :*

	<i>TNC</i>	<i>ARINC</i>
- Body	Nickel	Gold
- Center Contact	Gold	Gold
- Spring, Ring	Passivated Stainless Steel	

*Applicable Standards*

ARINC 404, Mil-Std 348  
MIL -PRF-39012

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