
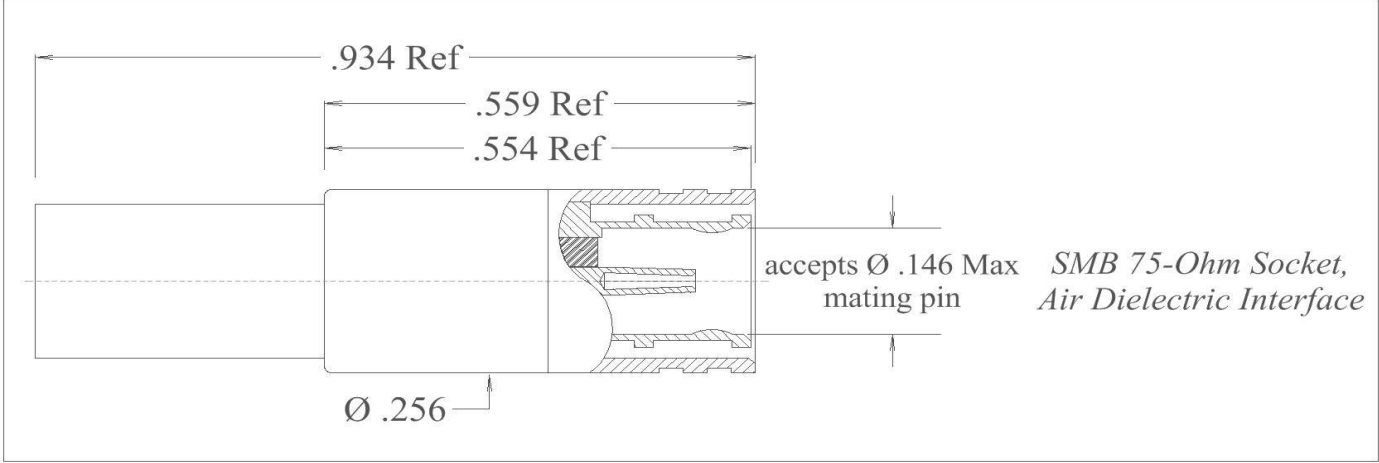


|  |   |                         |
|--|---|-------------------------|
| <b>PIC Wire &amp; Cable</b>  | <b>Connector Specification</b>  | <b>P/N 190736</b>       |
| A Division of the Angelus Corporation<br>Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com<br>PO Box 330 Sussex, WI 53089 | Approved :  | Date : 08/26/05         |
|  | Distribution : USER   | Rev. 2 (10/22/15)       |
|  |   | Uncontrolled if Printed |

**SMB 75 Ohm Socket**

(for PIC 75 Ohm Coaxial Cables V75268, V76261, V73263)



Will mate with SMB Pins per MIL-PRF-39012/68 & MIL-STD-348B, Figure 37

**PERFORMANCE**

|                       |              |
|-----------------------|--------------|
| Nominal Impedance     | 75 Ohms      |
| Frequency Range       | 0 - 4 GHz    |
| Voltage Rating        | 335 V(rms)   |
| Insulation Resistance | 1000 Megohms |

**CONNECTOR WEIGHT (Each)**

.20 ounces (5.67 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

***Crimp Tooling:***

|                       |   |
|-----------------------|---|
| <i>Center Contact</i> | M22520 / 2 - 01 Tool,<br>Selector Dial @ 3<br>Recommended Positioner:<br>PIC P/N 110337 (DMC # K1626) |
| <i>Crimp Ferrule</i>  | M22520 / 5 - 01 Tool,<br>M22520 / 5-41, B Hex Crimp Die<br>(.178 hex). PIC P/N 110333                 |

**CONSTRUCTION**

***Materials:***

|                |  |
|----------------|--|
| Body           | Brass, ASTM-B16,<br>Alloy UNS 36000, H02         |
| Outer Contact  | Beryllium Copper, ASTM-B196,<br>Alloy UNS C17300 |
| Center Contact | Beryllium Copper, ASTM-B196,<br>Alloy UNS C17300 |
| Ferrule        | Brass, ASTM-B16,<br>Alloy UNS 36000, Dead Soft   |
| Dielectric     | TFE Fluorocarbon, ASTM-D1710,<br>Type 1, Grade 1 |

***Finish :***

|                |      |
|----------------|------|
| Body, Ferrule  | Gold |
| Center Contact | Gold |

**APPLICABLE STANDARDS**

MIL-STD 348B, Figure 38  
MIL-PRF-39012/67

***Notes :***

1) Please refer to T-1907XX Termination Instruction sheet for strip dimensions & instructions.