
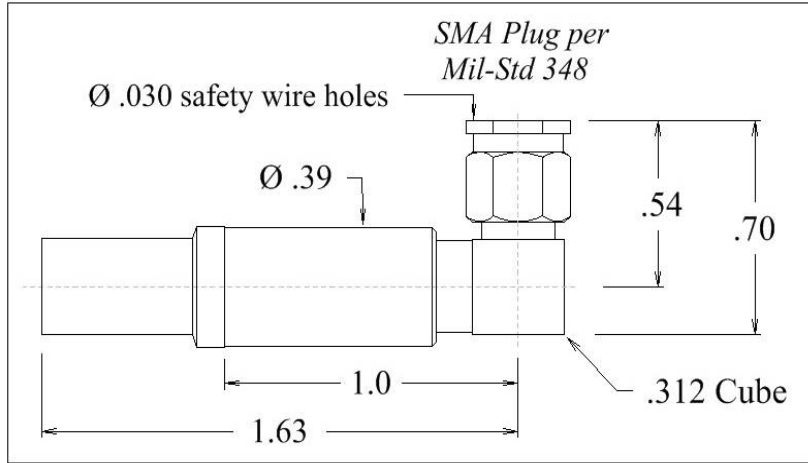


PIC Wire & Cable	Connector Specification	P/N 190515
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved :  Distribution : USER	Date 03/01/13 Rev. 2 (06/18/14) Uncontrolled Document

SMA 90° Plug
for S67163



Features Not Shown : Gasket in Front

PERFORMANCE

Nominal Impedance	50 Ohms
Frequency Range	0 - 12 GHz
Voltage Rating	335 VRMS
Insulation Resistance	5000 Megohms

CONNECTOR WEIGHT (Each)

.76 ounces (21.55 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Pic Die Set	MIL Spec Die Set
<i>Center Contact</i>	<i>Center Contact</i>
M22520 / 5 - 01 Tool,	M22520 / 5-01 Tool,
*PIC 190518A Hex Crimp Die	MIL Spec *M22520 / 5-57
(.098 hex)	(.100 B hex)
 <i>Crimp Ferrule</i>	 <i>Crimp Ferrule</i>
M22520 / 5 - 01 Tool,	M22520 / 5-01 Tool,
*PIC 190518A Hex Crimp Die	MIL Spec *M22520 / 5-43
(.270/.340 hex)	(.268 A hex)

CONSTRUCTION

Materials:	
Body	Stainless Steel, ASTM-A582, Alloy UNS S30300
Center Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Weatherseals included
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1

Finish :

Body	Passivated
Ferrule	TRI-M3 or Nickel
Center Contact	Gold

Applicable Standards	MIL-STD 348 MIL-PRF-39012
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Notes :

- 1) A 2.5" piece of Raychem ATUM heat shrink P/N ATUM-16/4-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-190XXX Termination Instruction sheet for strip dimensions & instructions.

* Notes: 1. PIC 190518 Crimp Die Set superceded by PIC 190518A; either is acceptable for use with 190515 Connectors.
2. MIL Spec die to be used on the smaller diameter area of ferrule only. Not the larger "Bell" area on end.