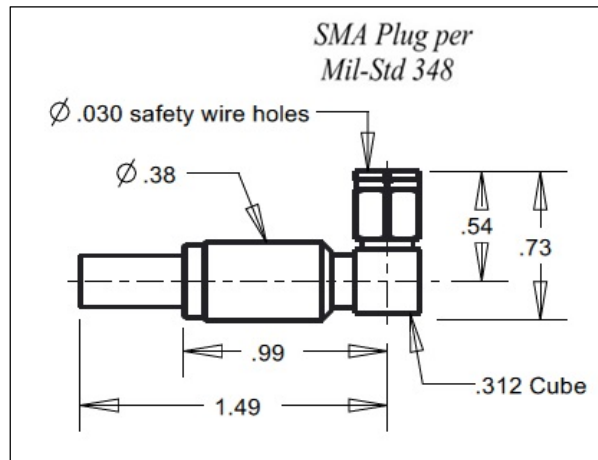


PIC Wire & Cable	Connector Specification	P/N 150115
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : <i>PFT</i>	Date : 07/06/16
		Rev. 4 (10/23/19)
	Distribution : USER	Uncontrolled if Printed

SMA 90° Plug
for UH44193



Features Not Shown : Safety Wire Holes, Gasket in Front

PERFORMANCE

Nominal Impedance :	50 Ohms
Frequency Range :	0 - 12 GHz
Voltage Rating :	335 V(rms)
Insulation Resistance :	5000 Megohms
DW Voltage :	750 V (rms)
Insertion Loss (max) :	0.52 dB max @ 12 GHz
Insertion Loss :	0.15 \sqrt{f} (GHz)
Temperature Rating :	-65° to +165° C

CONNECTOR WEIGHT (Each)

0.63 ounces (17.80 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Center Contact

M22520 / 1-01 Tool
Selector Dial Setting #8
Positioner : M22520 / 1-09

Crimp Ferrule

M22520 / 5-01 Tool
M22520 / 5-11 Die Set
(.213" A hex)

CONSTRUCTION

Materials:

Body	Stainless Steel, ASTM-A582, Alloy UNS S30300
Connector Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Cable Contact	Brass, ASTM-B16, Alloy UNS 36000, H02
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Or Copper, ASTM-B152, Alloy C12200
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Gasket	Silicone Rubber

Finish :

Body	Passivated
Ferrule	Nickel
Center Contact	Gold

APPLICABLE STANDARDS

MIL-STD 348, MIL-PRF-39012

Notes :

- 1) A 2.0" piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-150LXX Termination Instruction sheet for strip dimensions & instructions.