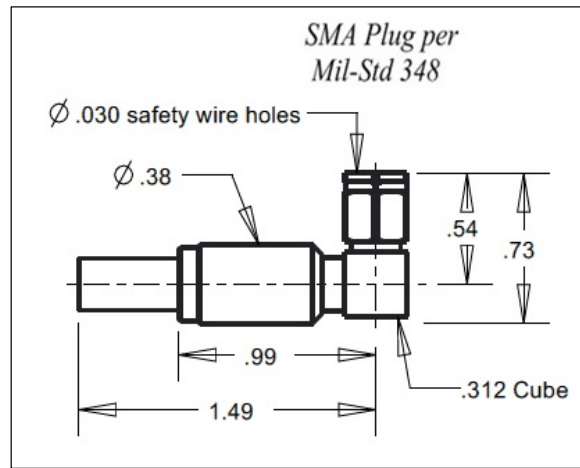


A Division of the Angelus Corporation
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 W220 N1051 Springdale Road Waukesha, WI 53186

Approved : *PFT*
 Distribution : USER

Date : 07/06/16
 Rev. 5 (02/10/22)
 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 √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	Beryllium Copper, ASTM-B196, Alloy UNS C17300
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-1501XX Termination Instruction sheet for strip dimensions & instructions.