Connector Specification

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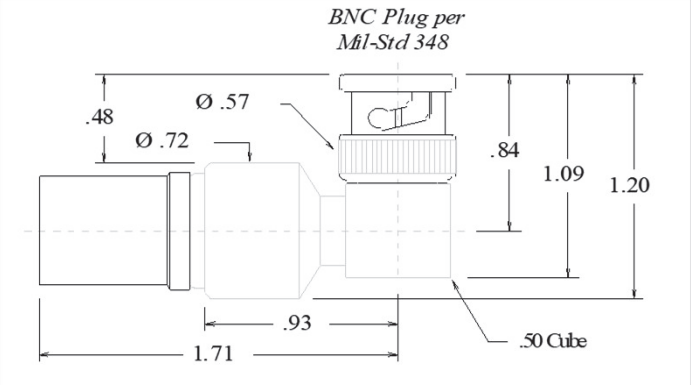
Distribution : **User**		**Uncontrolled Document**

Part Number: 190413

BNC 90° Plug

for S22089 & UH25107



Features Not Shown : Gasket in Front

PERFORMANCE

Nominal Impedance	50 Ohms
Frequency Range	0 - 4 GHz
Voltage Rating	500 VRMS
Insulation Resistance	5000 Megohms

CONNECTOR WEIGHT (Each)

1.94 ounces (55.00 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Pic Die Set	***MIL Spec Die Set***
Center Contact	*Center Contact*
M22520 / 5 - 01 Tool,	M22520 / 5-01 Tool,
PIC 190418 Hex Crimp Die	MIL Spec *M22520 / 5-04
(.132 hex)	(.138 A hex)
Crimp Ferrule	*Crimp Ferrule*
M22520 / 5 - 01 Tool,	M22520 / 5-01 Tool,
PIC 190418 Hex Crimp Die	MIL Spec *M22520 / 5-27
(.523/.562 hex)	(.532 A hex)

CONSTRUCTION

Materials:

Body	Brass, ASTM-B16, Alloy UNS 36000, H02
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
Gasket	Silicone Rubber

Finish :

Body, Ferrule	Nickel
Center Contact	Gold

Applicable Standards	MIL-STD 348 MIL-PRF-39012

Notes :

1) A 2.5" piece of Raychem ATUM heat shrink P/N ATUM-19/6-0 provided with connector for purpose of strain relief & moisture protection.

*2) Please refer to **T-190XXX** Termination Instruction sheet for strip dimensions & instructions for S22089 & T-UH25107 for UH25107.*

* Note - MIL Spec die to be used on the smaller diameter area of ferrule only. Not the larger "Bell" areas on each end.

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