

Connector Specification



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Approved : *MJK*

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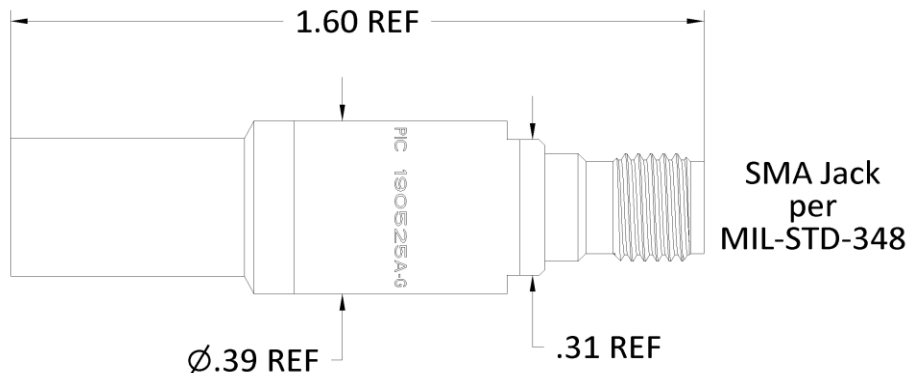
Distribution : **User**

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Part Number: 190525A-G

SMA In-Line Straight Jack

for PIC Cable S65161-A



PERFORMANCE

Impedance (nom)	50 Ohms
Frequency Range	0 - 12 GHz
Voltage Rating	335 VRMS
Insulation Resistance (min)	5000 Megohms

CONNECTOR WEIGHT (Each)

0.51 ounces (14.4 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

PIC Die Set

Center Contact
M22520 / 5 - 01 Tool,
PIC 190518A Hex Crimp Die
(.098 hex)

Crimp Ferrule
M22520 / 5 - 01 Tool,
*PIC 190518A Hex Crimp Die
(.270/.340 hex)

MIL Spec Die Set

Center Contact
M22520 / 5-01 Tool,
MIL Spec *M22520 / 5-57
(.100 B hex)

Crimp Ferrule
M22520 / 5-01 Tool,
MIL Spec *M22520 / 5-43
(.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	Gold
Ferrule	Gold
Center Contact	Gold

Interface Standard

MIL-STD 348
MIL-PRF-39012

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-190525A-G Termination Instruction sheet for strip dimensions & instructions.

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