PIC Wire & Cable
A Division of the Angelus Corporation
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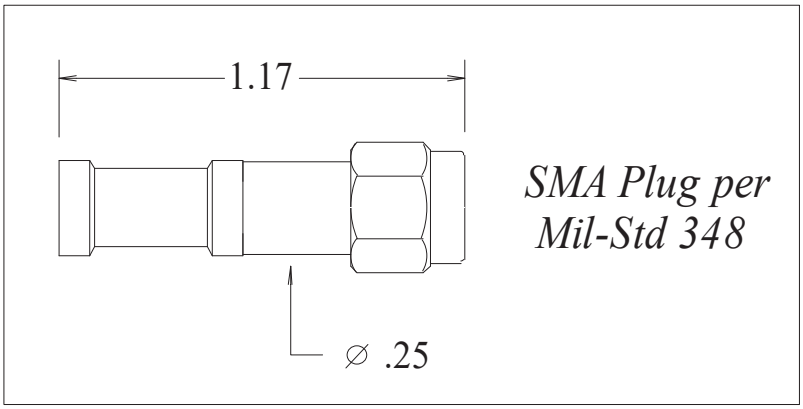
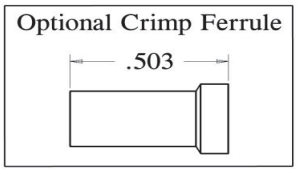
PO Box 330 Sussex, WI 53089

Connector Specification	P/N 190814
Approved : MCT	Date : 02/20/03
	Rev. 5 (04/09/15)
Distribution : USER	Uncontrolled if Printed

SMA Straight Plug
for PIC Cables S83204, S86208, S88207





PERFORMANCE

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

CONNECTOR WEIGHT (Each)

.22 ounces (6.24 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Center Contact
M22520 / 2 - 01 Tool,
Selector Dial @ # 6
Recommended Positioner :
PIC P/N 110205 (Daniels K224-1)
(Alternate - Daniels K224)

Weatherproofing Crimp Ferrule
M22520 / 5 - 01 Tool,
PIC 190818 Hex Crimp Die
(.186/.222 hex)

Optional Crimp Ferrule
M22520 / 5-01 Tool,
*MIL Spec M22520 / 5-09
(.178 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
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-1908XX Termination Instruction sheet for strip dimensions & instructions.

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

PIC Wire & Cable Connector User specification sheets are non-controlled documents if printed. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.