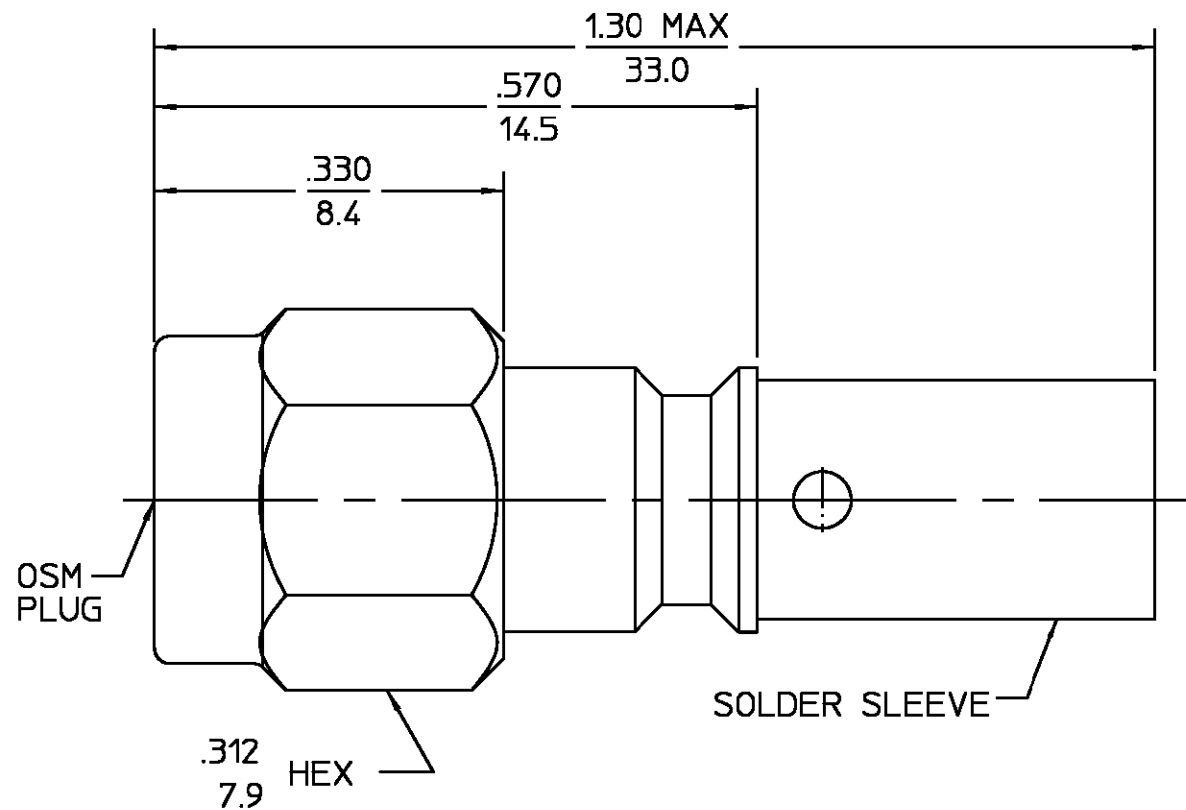


DESIGNED FOR USE WITH RG142/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	010
CONTACT	.040
HOUSING	.121
FERRULE	.216

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	6/9/95	<i>RA</i>



COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating Torque <u>7 - 10 in-lbs</u>	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.15 + .01 f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Except High Temp +200°C
RF Leakage (dB MIN) <u>-60 @ 2-3 GHz</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Cable Retention Axial Force (Lbs MIN) <u>40</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Torque (In-Oz) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Weight (Grams) <u>TBD</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
LR.(Megohms MIN) <u>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	±.005	± °

These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.

DRAWN BY *RA* DATE 6/9/95
 CHECKED BY *RA*
 APPD BY *RA* 6/9/95

USE ASS'Y PROCEDURE
 NO. AP. 408-04969 (20-511)

AMP Incorporated
 140 Fourth Avenue
 Waltham, MA 02451-7599

TITLE OSM STRAIGHT CABLE PLUG SOLDER ATTACHMENT M39012/55-3109 CAT. A

SIZE B	CODE IDENT NO. 26805	2031-8109-92	REV 010
--------	----------------------	--------------	---------

SCALE 10 : 1 SHEET 1 OF 1

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [RF MIL Spec Connectors](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[M55339/38-00001](#) [M39012/69-0004](#) [M39012/95-0001](#) [M39012/56B3112](#) [M39012/55-3125](#) [UG-23D/U\(40\)](#) [UG-306/U\(40\)](#) [UG-492/U](#)
[SMA6251A1-3GT50G-50B](#) [M39012/55-3026](#) [M39012/67-0004](#) [M39012/31-0001](#) [UG-89/U\(40\)](#) [M39012/27-0018](#) [M39012/27-0101](#)
[M39012/01-0005](#) [SMA1111A1-3GT50G-1-50](#) [M39012/28-0010](#) [M39012/55B3022](#) [M39012/26-0018](#) [M39012/26-0022](#) [M39012/26-0101](#)
[M39012/26-0225](#) [M55339/47-30001](#) [SMA1111A2-3GT50G-5-50](#) [SMA1112A5-3GT50G-5-50](#) [SMA1112A6-3GT50G-1-50](#) [M39012/79-3108](#)
[M39012/79B3001](#) [M39012/80-3107](#) [M39012/55-3030](#) [M39012/56-3126](#) [M55339/02-30001](#) [M55339/28-30001](#) [M55339/28-30002](#)
[M55339/29-30001](#) [M55339/31-30001](#) [SMA2071A1-3GT50G-50](#) [1102-0003](#) [M39012/26-0011](#) [M39012/26-0012](#) [M39012/26B0006](#)
[M39012/26B0015](#) [M39012/28-0022](#) [M39012/30-0101](#) [M39012/31-0002](#) [M39012/33-0001](#) [M39012/39-0501](#) [M39012/55-3006](#) [M39012/55-3007](#)