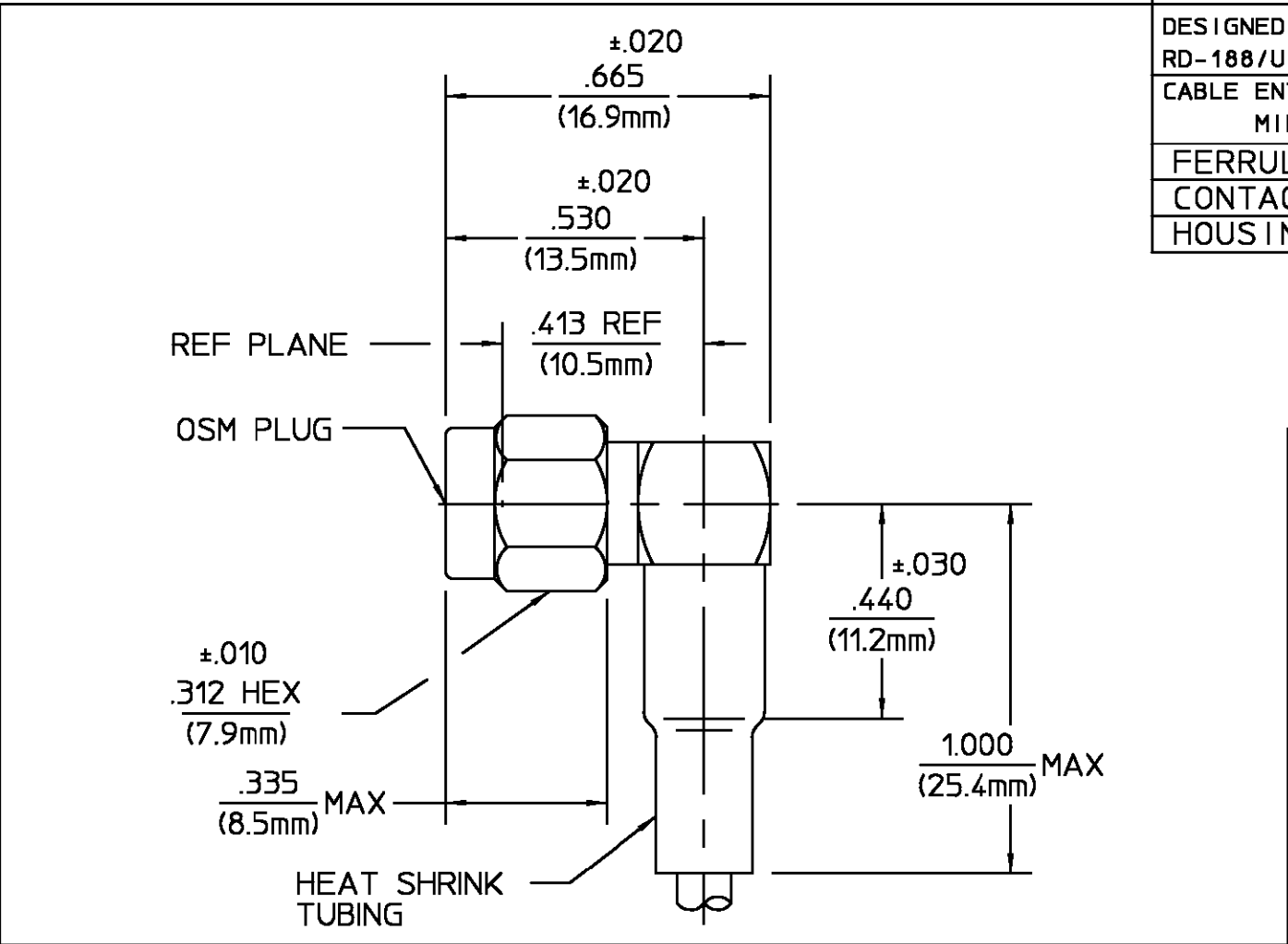




DESIGNED FOR USE WITH RD-188/U FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.137
CONTACT	.025
HOUSING	.066

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	08/14/92	DCamel

HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level 250	Torque 7-10 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15±.03f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +125°C
Insertion Loss (dB MAX) .15 √f(GHz)	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106, No Measurements at High Humidity
RF Leakage (dB MIN) -(60-fGHz)	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Force to Engage and Disengage (In-Lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	
Center Contact 4.0	Radial (In-Oz) 4.0	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 20 Min	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Torque (In-Oz) N/A	
I.R.(Megohms MIN) 5000	Weight (Grams) TBD	

COMPONENT			MATERIAL			FINISH			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC DEC ANGLES ± 1/64 ± .005 ± 1° 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 <u>BB</u> DATE <u>08/13/92</u>		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	AMP			
			CHECKED BY						
			APPD BY <u>DCamel</u> 08/14/92						
USE ASS'Y PROCEDURE NO. AP. <u>20-046</u> 408-04815			TITLE OSM RIGHT ANGLE CABLE PLUG - SOLDER ATTACHMENT						
			SIZE B		CODE IDENT NO. 26805		2037-5110-95		REV 010
			SCALE 3:1					SHEET 1 OF 1	