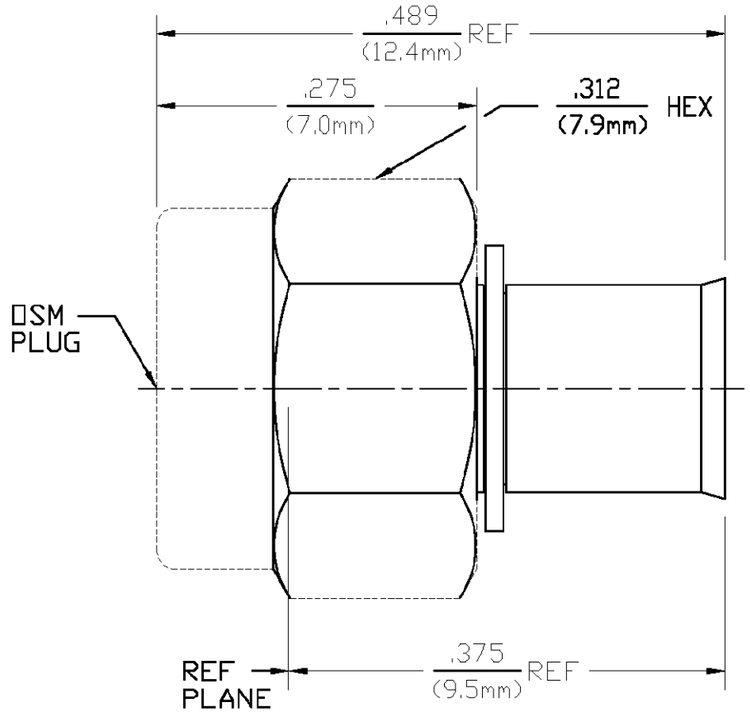

DESIGNED FOR USE WITH .141 DIA S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.037
HOUSING	.143

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 0	RELEASED	9/18/92	M.M.
C	REVISED PER 0U20-0176-01	G.V. 8/14/02	

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	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	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	CARBON SPRING STEEL	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	18
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR	1.05+.005f(GHz)
Insertion Loss (dB MAX)	$.03\sqrt{f(GHz)}$
RF Leakage (dB MIN)	-[90-f(GHz)]
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1500
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
Cable to Housing	0.5
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	1000
I.R.(Megohms MIN)	10000

MECHANICAL	
Interface Dimensions MIL-STD-348A,	
Fig. 310.1	
Recommended Mating	
Torque	7-10 In-Lbs
Mating Characteristics:	
Insertion (MAX Lbs)	N/A
Withdrawal (MIN Oz)	N/A
Force to Engage and	
Disengage (In-Lbs MAX)	2.0
Center Contact Captivation	
Axial (Lbs)	N/A
Radial (In-Oz)	N/A
Cable Retention	
Axial Force (Lbs)	60 MIN
Torque (In-Oz)	55 MIN
Weight (Grams)	TBD

ENVIRONMENTAL
TEMPERATURE RATING -65°C TO +125°C
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP SHALL BE +115°C
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY B.J. Edwards DATE 6/24/92
CHECKED BY
APP'D BY M.M. 9/18/92

USE ASS'Y PROCEDURE

408-04708
(20-492)
NO. A.P.

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSM STRAIGHT CABLE PLUG RETRACTABLE COUPLING NUT DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2001-7541-00	01 0
SCALE 8:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1050729-1
SHEET 1 OF 1 REV C