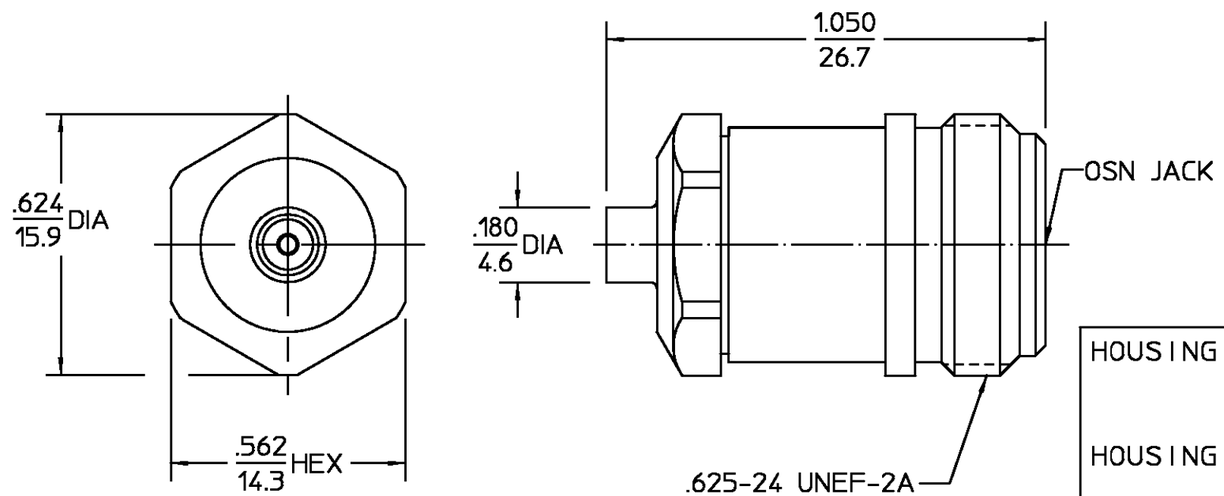
DESIGNED FOR USE WITH .141 S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.145
CONTACT	.040

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
05_5	REVISED	3/19/96	



.XXX = in
XX.X = mm

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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
"O" - RING	SILICONE RUBBER PER ZZ-R-765, CLASS 2B	N/A

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	0 to 11 GHz
Volt Rating (VRMS MAX) @ Sea Level	1000
VSWR	1.06 +.007f(GHz)
Insertion Loss (dB MAX)	$.04\sqrt{f(GHz)}$
RF Leakage (dB MIN)	-90
Corona, 70,000 Ft (VRMS MIN)	500
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1500
Contact Resistance (Milliohms MAX)	
Center Contact	1.0
Outer Contact	0.2
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	1500
I.R.(Megohms MIN)	5000

MECHANICAL	
Interface Dimensions MIL-STD-348A, Fig. 304.1	
Recommended Mating Torque	6-10 In-Lbs
Mating Characteristics:	
Insertion (MAX Lbs)	2
Withdrawal (MIN Oz)	2
Force to Engage (In/Lbs MAX)	
Disengage (In/Lbs MAX)	6 In-Lbs
Center Contact Captivation	
Axial (Lbs)	N/A
Radial (In/Oz)	N/A
Cable Retention	
Axial Force (Lbs)	60 Lbs
Weight (Grams)	TBD

ENVIRONMENTAL
Temperature Rating -65 °C TO +165 °C
Vibration MIL-STD-202, Method 204, Condition B
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 85°C
Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted. No High Humidity
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°

		DATE
DRAWN BY	PRB	8/7/67
CHECKED BY	SS	8/7/67
APP'D BY	DN	1/26/68

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

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USE ASS'Y PROCEDURE

408-04913
(30-003)
NO. A.P._____

TITLE OSN STRAIGHT CABLE JACK DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	3002-7941-00	05_5
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057116-1
SHEET 1 OF 1 REV A