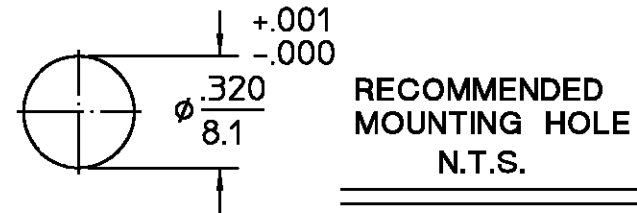


DESIGNED FOR USE WITH	.085 SR
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 ₃	REVISED	KYLE 5-8-97 6/27/97	<i>[Signature]</i>



INNER HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
OUTER HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
LOCKWASHER	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	NICKEL PLATE PER QQ-N-290
SPRING	MUSIC WIRE	NICKEL PLATE PER QQ-N-290
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>321-2</u>	Temperature Rating <u>-65 TO +105°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .005f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition C,
Insertion Loss (dB MAX) <u>.03√f(GHz)</u>	Force to Engage (In-Lbs MAX) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-[100 - f(GHz)]</u>	Disengage (In-Lbs MAX) <u>1.5</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Axial (Lbs) <u>6.0</u>	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) <u>N/A</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>30</u>	
Cable to Housing <u>0.5</u>	Torque (In-Oz) <u>16</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Weight (Grams) <u>TBD</u>	
LR.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
DRAWN BY D. CAM DATE 8-9-85		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
CHECKED BY R. G DATE 8-21-85		
APPD BY R. G DATE 8-21-85		
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USE ASSY PROCEDURE 408-04596 NO. A.P. (45-047)		TITLE 'OSP' FEEDTHRU CABLE JACK-DIRECT SOLDER ATTACHMENT
SIZE B	CODE IDENT NO. 26805	4522-5003-02
SCALE 6:1		REV 03 ₃
		SHEET 1 OF 1