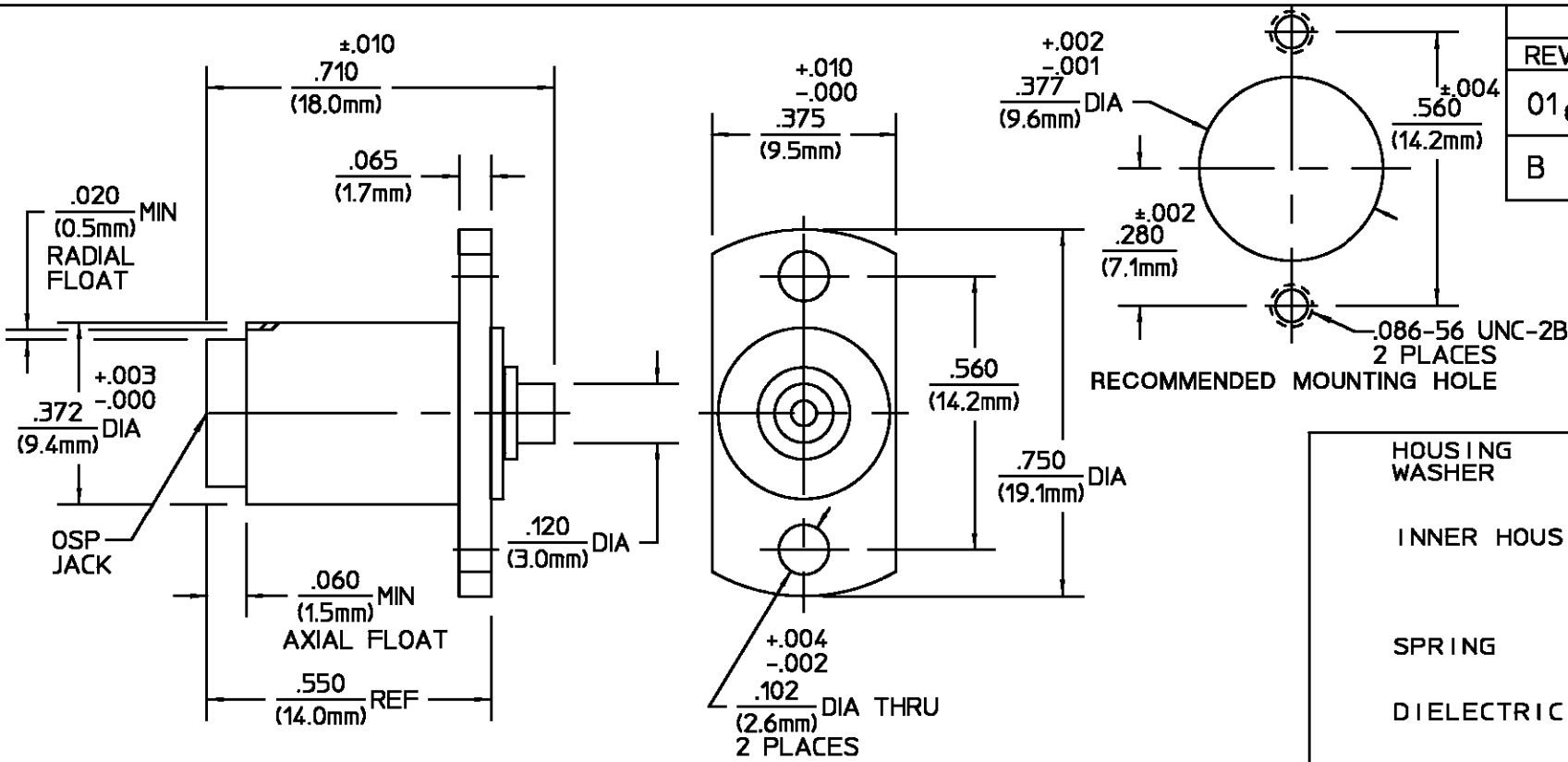




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	12/8/92	<i>[Signature]</i>
B	PER EC 0U20-0116-01-02	10/26/01	<i>C. Hoang</i>

DESIGNED FOR USE WITH .047 DIA. S.R. CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.050
CONTACT	.0124

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions DESC SPEC 85701	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Mating Characteristics:	Vibration - MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) at Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3</u>	Shock - MIL-STD-202, Method 213, Condition I, 100 G's
VSWR <u>1.07 +.010f(GHz)</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.05 X√f(GHz)</u>	Force To Engage (Lbs MAX) <u>3</u>	Moisture Resistance - MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only - Fully Mated) <u>[-90-f(GHz)]</u>	Force To Disengage (Lbs MAX) <u>1.5</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) <u>750</u>	Axial <u>6 Lbs MIN</u>	
Contact Resistance (Milliohms MAX)	Radial <u>NONE</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial (Lbs MIN) <u>20</u>	
Cable To Housing <u>0.5</u>	Torque (In-Oz MIN) <u>N/A</u>	
RF High Potential (VRMS MIN @ 5 MHz) <u>500</u>	Weight (Grams) <u>TBD</u>	
LR.(Megohms) <u>5000</u>		

HOUSING WASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
INNER HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
SPRING	STAINLESS STEEL	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT RING	BERYLLIUM COPPER PER ASTM-B194, ALLOY 25	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM-B194, ALLOY 25	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
SPRING WASHER	BERYLLIUM COPPER PER ASTM-B194, ALLOY 25	N/A

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		
DRAWN BY <i>M.M.</i> DATE <u>12/14/92</u> CHECKED BY APPD BY <i>B.J. Edwards</i> <u>12/8/92</u>		
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USE ASS'Y PROCEDURE 408-04610 NO. AP. (45-145)		
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
TITLE OSP FLOATING FLANGE MOUNT CABLE JACK DIRECT SOLDER ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	4506-5055-02
SCALE 3:1	REV 01 ₀	
SHEET 1 OF 1		