



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50 ±1	Interface Dimensions SEE CATALOG	Temperature Rating -65° to +125°C
Frequency Range (GHz) DC to 2	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05±.01 f(GHz)	Withdrawal (MIN Oz) 0.5	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .04x√f(GHz)	Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 15	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Center Contact Captivation Axial (Lbs) 4	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 250	Cable Retention Axial Force (Lbs MIN) 30	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 675	Torque (In-Oz MIN) 16	
Contact Resistance (Milliohms MAX)	Weight (Grams) TBD	
Center Contact 6.0		
Outer Contact 3.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
LR.(Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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
O-RING	FLUOROSILICONE 60 (DUROMETER) PER MIL-R-25988, CLASS 1, TYPE 1	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64	DEC. ±.005	ANGLES ± 1°
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DRAWN BY *[Signature]* DATE 1/21/98

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APPD BY

USE ASS'Y PROCEDURE

NO. AP. TBD

AMP Incorporated  
140 Fourth Avenue  
Waltham, MA 02451-7599

TITLE OSSP BULKHEAD FEEDTHRU CABLE PLUG-DIRECT SOLDER ATTACHMENT

SIZE B	CODE IDENT NO. 26805	4703-5010-00	REV 01
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SCALE 5:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1252853-1  
SHEET 1 OF 1 REV B  
PER EC # OU20-0261-01