



A1 | REVISED PER ECO-11-005294

Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18.0
Volt Rating (VRMS MAX)	
@ Sea Level	33500
VSWR 1.05 + .01 f(GHz)	
Insertion Loss (dB MAX)	.04 $\sqrt{f(\text{GHz})}$
RF Leakage (dB MIN)	[-70 - f(GHz)]
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1,000
Contact Resistance (Milliohms MAX)	
Center Contact	10.0
Outer Contact	2.0
Cable to Housing	N/A
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	670
I.R.(Megohms MIN)	5,000

Interface Dimensions MIL-STD-348A.	
Fig. 310.2	
Recommended Mating	
Torque	7 - 10 in-lbs
Mating Characteristics:	
Insertion (MAX lbs)	3.0
Withdrawal (MIN oz)	1.0
Force to Engage and	
Disengage (in-lbs MAX)	2.0
Center Contact Captivation	
Axial (lbs)	6.0
Radial (in-oz)	N/A
Cable Retention	
Axial Force (lbs)	N/A
Torque (in-oz)	N/A
Weight (Grams)	TBD

Temperature Rating -65°C to +165°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.

Moisture Resistance MIL-STD-202,
Method 106

Corrosion - MIL-STD-202, Method
101, Condition B, 5% salt spray

$$\frac{.XXX = \text{in}}{XX.X = \text{mm (REF)}}$$

HOUSING	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, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT EXT. BUSHING	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
"O" - RING	SILICONE RUBBER PER ZZ-R-765	N/A
HERMETIC SEAL	GLASS BEAD	N/A
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY BW DATE 7/3/68 CHECKED BY PRB 3/14/69 APPD BY 3/14/69	 TE Connectivity
These drawings and specifications are the property of AMP Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASS'Y PROCEDURE NO. AP. <u>N/A</u>	
TITLE "OS'M BULKHEAD JACK HERMETICALLY SEALED .020 DIA PIN		
SIZE B	CODE IDENT NO. 26805	1053137-1
SCALE 5:1		REV A1
		SHEET 1 OF 1