



DESIGNED FOR USE WITH .085 S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
042	REVISED	KYLE 5-19-97	<i>Com</i> 5/20/97
B	PER EC 0U20-0692-00	9/24/01	<i>C. Zhang</i> 9/24/01

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>18</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.10+0.1f(GHz)</u>
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX)
Center Contact <u>1.5</u>
Outer Contact <u>2.0</u>
Cable to Housing <u>0.5</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>
LR.(Megohms MIN) <u>5000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. <u>304.2</u>
Recommended Mating Torque <u>N/A</u>
Mating Characteristics:
Insertion (MAX Lbs) <u>2.0</u>
Withdrawal (MIN Oz) <u>2.0</u>
Force to Engage and Disengage (In-Lbs MAX) <u>6.0</u>
Center Contact Captivation Axial (Lbs) <u>N/A</u>
Radial (In-Oz) <u>N/A</u>
Cable Retention Axial Force (Lbs) <u>30 MIN</u>
Torque (In-Oz) <u>16 MIN</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C to +105°C</u>
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 105°C
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

.XXX = in
XX.X = mm (REF)

COMPONENT	MATERIAL	FINISH
HOUSING	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
HOUSING MOUNTING NUT LOCKWASHER	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	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
CONTACT EXT.	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
GASKET "O" RING	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY	DATE	AMP	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
	CHECKED BY	3/23/71				
APPD BY	3/25/71					
These drawings and specifications are the property of M/A-COM 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	408-04744	TITLE OSN BULKHEAD FEEDTHROUGH CABLE JACK-DIRECT SOLDER ATTACHMENT		REV	
	NO. AP. (30-006)	NO. AP. (30-006)	SIZE B	CODE IDENT NO. 26805	3004-7985-00	
			SCALE 2:1			SHEET 1 OF 1