



DESIGNED FOR USE WITH RG-58/U	
CABLE ENTRY DIAMETER MINIMUM	01 ₀
FERRULE	.204
HOUSING	.121
CONTACT	.041

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	11/19/96	<i>[Signature]</i>

ELECTRICAL
Nominal Impedance (Ohms) 50
Frequency Range (GHz) DC to 12.4
Volt Rating (VRMS MAX)
@ Sea Level 335
VSWR 1.5 @ 0.01(GHz)
Insertion Loss (dB MAX) .06 √(GHz)
RF Leakage (dB MIN) -60
Corona, 70,000 Ft (VRMS MIN) 250
Dielectric Withstanding Voltage
(VRMS MIN @ Sea Level) 1,000
Contact Resistance (Milliohms MAX)
Center Contact 3.0
Outer Contact 2.0
Cable to Housing 0.5
RF High Potential @ Sea Level
(VRMS MIN @ 5 MHz) 670
I.R.(Megohms MIN) 5,000

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig 310-2
Recommended Mating
Torque 7-10 IN-LBS
Mating Characteristics:
Insertion (MAX Lbs) 2
Withdrawal (MIN Oz) 1
Force to Engage and
Disengage (In-Lbs MAX) 2
Center Contact Coplivation
Axial (Lbs) 6
Radial (In-Oz) N/A
Cable Retention
Axial Force (Lbs) 40
Torque (In-Oz) N/A
Weight (Grams) TBD

ENVIRONMENTAL
Temperature Rating -65 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, Except High Temp +85°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 MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER 00-P-35
DIELECTRIC	TFE 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	SILICONE RUBBER PER ZZ-R-765	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DRAWN BY K. LE	DATE 9-22-96
FRAC. DEC. ANGLES 1/64 .005 °			CHECKED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>
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			NO. AP. 20-540	

		M/A-COM, Inc. Waltham, MA 02254	
		TITLE "OSM" BULKHEAD FEEDTHRU CABLE JACK CRIMP ATTACHMENT	
SIZE B	CODE IDENT NO. 26805	2034-8029-92	REV 01 ₀
SCALE 5:1		SHEET 1 OF 1	

CUSTOMER

1051997
SHEET 1 OF 1
REV 0