



DESIGNED FOR USE WITH	
.085 S.R.(RG 405/U)	
CABLE ENTRY DIAMETER	
MINIMUM	
HOUSING	.088
CONTACT	.021

REV		DESCRIPTION	DATE	APPROVED
05	0	REVISED PER ECN 93-0153	6/1/93	<i>[Signature]</i>

NOTES:

1. PICTORIAL VIEW IS AFTER CRIMPING
2. MIN STRAIGHT CABLE LENGTH: .292
3. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING

BEFORE CRIMPING	.721 REF (18.3 mm)	.645 REF (16.4 mm)
AFTER CRIMPING	.620 MAX (15.7 mm)	.535 REF (13.6 mm)
	DIM "A"	DIM "B"

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348 Fig 310.2	Temperature Rating -65° to +165°C
Frequency Range (GHz) DC to 16	Recommended Mating Torque 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Center Contact Captivation Axial (Lbs) 6	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07 @ 1GHz	Radial (In/Oz) NONE	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) $.03 \times \sqrt{\text{FREQ}}$	Cable Retention Axial Force (Lbs) 30	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90 @ 2-3 GHz	Torque (In/Oz) 16	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 250	Weight (Grams) 2.1	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Mating Characteristics Insertion (Max Lbs) 3	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Withdrawal (In Oz) 1	
Outer Contact 2.0	Connector Engagement and Disengagement (In/Lbs Max) 2	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
IR (Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A562, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DATE R.GIERAS 9-20-84 R.GIERAS 9-20-84 R.GIERAS 9-20-84	TOLERANCE ON FRAC DEC ANGLES ± .012 ± .005 ± .1°
USE ASSY PROCEDURE	100 AP 20-577	SCALE 6:1
TITLE OSM STRAIGHT CABLE JACK COMPRESSION CRIMP ATTACHMENT M39012/81-3207 CAT 'F'		REV 05
SIZE B		CODE IDENT NO 26805
2002-8207-92		SHEET 1 OF 1

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