



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	PER EC 0U20-0116-01-02	01NOV01	C. Hoang 01NOV01

DESIGNED FOR USE WITH RG-178/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CLAMP NUT	.088
FERRULE	.036
CONTACT	.0124

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
DIELECTRIC	NYLON	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
CONTACT RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
SPRING	STAINLESS STEEL	PASSIVATE PER QQ-P-35
CLAMP NUT BUSHINGS FERRULE	BRASS PER ASTM-B-16, HALF HARD	NICKEL PLATE QQ-N-290
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions PER <u>M/A-COM CATALOG</u>	Temperature Rating <u>-65° TO +105°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level	Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .01f(GHz)</u>	Withdrawal (MIN Oz) <u>1.5</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.04 √f(GHz)</u>	Force to Engage (LBS MAX) <u>3.0</u> & Disengage (In-Lbs MAX) <u>1.5</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>[-90-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>4.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Cable Retention Axial Force (Lbs) <u>10.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>675</u>		
Contact Resistance (Milliohms MAX) Center Contact <u>6.0</u> Outer Contact <u>3.0</u> Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>675</u>		
LR.(Megohms MIN) <u>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <u>JB</u> DATE <u>12-17-86</u>		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1°	CHECKED BY <u>MH/M</u> DATE <u>3-6-87</u>		TITLE "OSSP" FLOATING FLANGE MOUNT CABLE JACK-EMLOCK ATTACHMENT	SIZE <u>B</u> CODE IDENT NO. <u>26805</u>	REV <u>02</u>
These drawings and specifications are the property of M/A COM Interconnect Div. 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.	APPD BY <u>BAR</u> DATE <u>3-12-87</u>		SCALE <u>3:1</u>	SHEET 1 OF 1	