



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	7-24-90	S.T.M.
011	CHANGED (MECH BLOCK) CONTACT CAPTIVATION FROM 2.0 TO 4.0. PER ECN 90-1159	EKM 12/17/90	BB 12/17/90

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 310.2	Temperature Rating -65°C To 125°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque N/A	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07 + .015/(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .08√f(GHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106, Except step 7b (vibration) Shall Be Omitted
RF Leakage (dB MIN) -[90-f(GHz)]	Force to Engage and Disengage (In/Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1000	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) 4.0	
Center Contact 4.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) N/A	
Cable to Housing N/A	Torque (In/Oz) N/A	
RF High Potential Sea Level (VRMS MIN) 5 MHz 670	Weight (Grams) TBD	
IR (Megohms MIN) 10,000		

COMPONENT	MATERIAL	FINISH
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	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	DRAWN BY B.M. EDWARDS DATE 7/19/90	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON	CHECKED BY BB DATE 7-24-90	
FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	APPROVED BY S.T.M. 7-24-90	
USE ASSY PROCEDURE	NO. AP. N/A	

TITLE OSM HIGH FREQ RIGHT ANGLE 2-HOLE FLANGE MOUNT JACK RECEPTACLE - STRAIGHT TERMINAL			
SIZE B	CODE IDENT NO. 26805	2054-1241-02	REV 011
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1052986-1 SHEET 1 OF 1 REV A