



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	REVISED	KYLE 9-8-97	9/19/97

HOUSING COUPLING NUT	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	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. SMC: 312-2, SMA: 310-1
Frequency Range (GHz) DC to <u>10.0</u>	Force to Engage and      SMA      SMC
VSWR <u>1.03 + .007f(GHz)</u>	Disengage (In-Lbs MAX) <u>2.0</u> <u>1.0</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Center Contact Captivation
Contact Resistance (Milliohms MAX) Center Contact <u>6.0</u>	Axial (Lbs) <u>6.0</u>
I.R.(Megohms MIN) <u>1,000</u>	Radial (In-Oz) <u>4.0</u>
	<u>.XXX = in</u>
	<u>XX.X = mm (REF)</u>

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
FRAC.      DEC.      ANGLES	DRAWN BY      S.G      DATE      10-28-87	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
± 1/64      ±.005      ± 1°	CHECKED BY      S.A      11-3-87	
	APPD BY      B.C      11-6-87	
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.	USE ASSY PROCEDURE	TITLE      "OSM" PLUG TO "SMC" PLUG ADAPTER
	NO. A.P.      N/A	SIZE      B      CODE IDENT NO.      26805      5081-2241-00      REV      01 <sub>1</sub>
		SCALE      6:1      SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1060268-1  
SHEET 1 OF 1 REV A