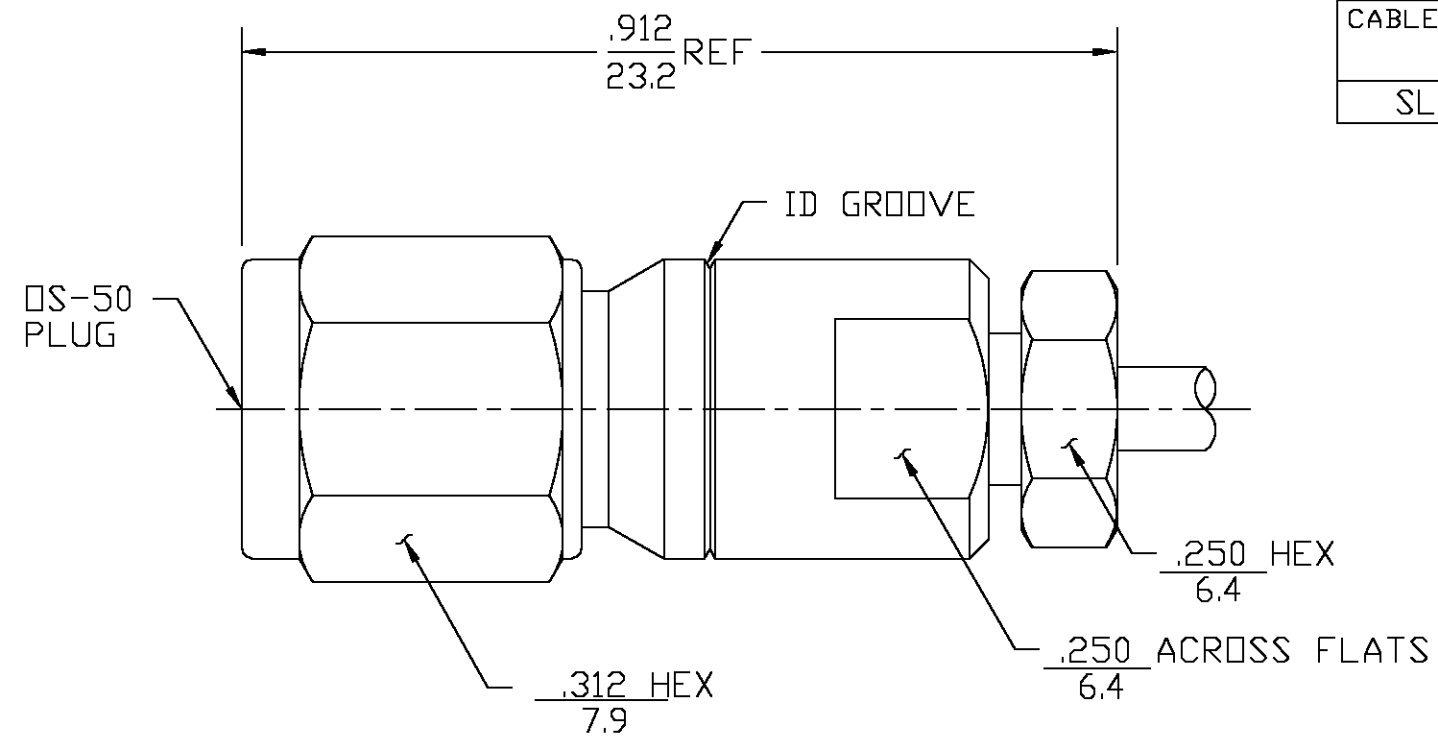


DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE		REVISIONS		
CABLE ENTRY DIAMETER MINIMUM	REV	DESCRIPTION	DATE	APPROVED
SLEEVE	03 ₀	REVISED	12/14/94	<i>AD</i>



1063291-1
PART NUMBER

HOUSING CLAMP NUT BUSHING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICON RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS) <u>50 ± 1</u>	Interface Dimensions <u>See Catalogue</u>	TEMPERATURE RATING <u>-55° TO +125°C</u>
Frequency Range (GHz) DC to <u>50</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D, 20Gs
Volt Rating (VRMS MAX) @ Sea Level <u>N/A</u>	Insertion (MAX Lbs) <u>2</u>	Shock MIL-STD-202, Method 213, Condition I, 100Gs
VSWR DC to 18 GHz : <u>1.11MAX</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
18 to 26.5 GHz : <u>1.13MAX</u>	Force to Engage (In/Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
26.5 to 50 GHz : <u>1.29MAX</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Insertion Loss (dB MAX) <u>.07x√F(GHz)</u>	Axial (Lbs) <u>4</u>	
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>	Cable Retention	
Corona, 70,000 Ft (VRMS MIN) <u>150</u>	Axial (Lbs MIN) <u>30</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>	Torque (In-Oz) <u>16</u>	
Contact Resistance (Milliohms MAX)		
Center Contact <u>4.0</u>		
Outer Contact <u>4.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>600</u>		
I.R.(Megohms MIN) <u>5000</u>		

.XXX = in
XX.X = mm

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <u>DAC</u>	DATE <u>12-01-88</u>	AMP	AMP Incorporated	
FRAC. DEC. ANGLES ± 1/64 ± .005 ± 1'	CHECKED BY <u>DAC</u>	<u>12-14-88</u>		140 Fourth Avenue Waltham, MA 02451-7599	
	APPROVED BY <u>R.G.</u>	<u>12-14-88</u>			
These drawings and specifications are the property of M/A CDM 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 ASS'Y PROCEDURE	408-04616 (85-002)	TITLE DS-50 PLUG SOLDER CLAMP		
	NO. AP. _____		SIZE B	CODE IDENT NO. 26805	REV 03 ₀
			SCALE 5:1	8501-7885-02	SHEET 1 OF 1