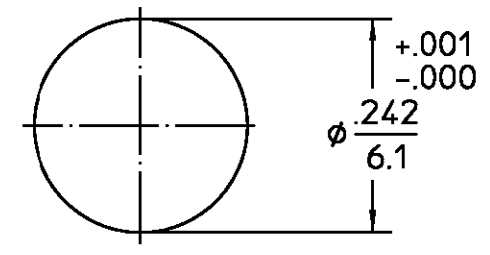


DESIGNED FOR USE WITH	.141 S/R
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.143
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	REDRAWN IN CAD PER ECN 98-0001	PATLAN 3/20/98 3/20/98	<i>[Signature]</i>
B	PER EC 0U20-0262-01	11DEC01	C. Huang



RECOMMENDED MOUNTING HOLE

- NOTES:
1. CAPTURED CENTER CONTACT.
  2. PICTORAL VIEW IS AFTER CRIMPING.
  3. .307 MINIMUM STRAIGHT CABLE LENGTH.
  4. SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.

	DIM 'A'
BEFORE CRIMP	$\frac{.777}{19.7}$ REF.
AFTER CRIMP	$\frac{.662}{16.8} \pm .010$

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>MIL-STD-348, Fig 321-1</u>	Temperature Rating <u>-65° to +125°C</u>
Frequency Range (GHz) DC to <u>18</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05+0.005f(GHz)</u> DC to 18 GHz	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition A
Insertion Loss (dB MAX) $.03 \times \sqrt{f(\text{GHz})}$	Force to Engage (In-Lbs MAX) <u>3</u> & Disengage (In-Lbs MAX) <u>15</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(100-f(GHz))</u>	Center Contact Captivation Axial (Lbs) <u>6</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>335</u>	Cable Retention Axial Force (Lbs MIN) <u>60</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Torque (In-Oz MIN) <u>15</u>	
Contact Resistance (Milliohms MAX)	Weight (Grams) <u>TBD</u>	
Center Contact <u>2.0</u>		
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
IR.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING MOUNTING NUT LOCKWASHER	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
O-RING	FLOUROSILICONE PER MIL-R-25988, CLASS 1, TYPE 1	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY D.CAM		DATE 1/06/87	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	CHECKED BY LROSS	6/18/87	
			APPD BY BAR	6/18/87	
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 OSP BULKHEAD FEEDTHRU CABLE PLUG REAR MOUNT-COMPRESSION CRIMP ATTACHMENT	
NO. A.P. <u>45-023</u> <u>408-04593</u>		SIZE B	CODE IDENT NO. 26805	<u>4503-5038-02</u>	REV 01 <sub>1</sub>
SCALE 5:1			SHEET 1 OF 1		

.XXX = in  
XX.X = mm (REF)