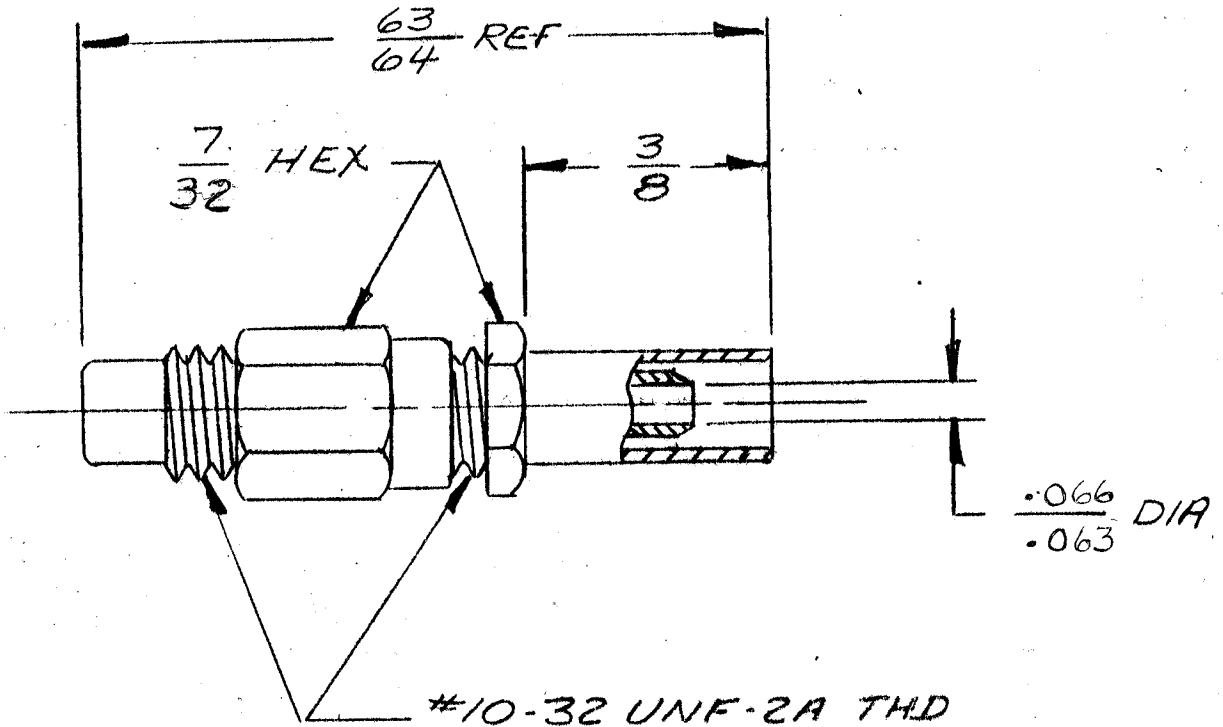


# CONFIGURATION



## MATERIAL & FINISH

MATERIAL :

- BODY & FERRULE----- Brass per QQ-B-626,  $\frac{1}{2}$  H, Alloy 360.  
 Gold per MIL-G-45204, Type II, Grade C, Class 1;  
 over Copper per MIL-G-14550, Class 4.
- CRIMP RING----- Copper per WW-T-799, Type K, Form A, Class 1;  
 Gold per MIL-G-45204, Type II, Grade C, Class 1;  
 over Copper per MIL-14550, Class 4.
- CONTACT----- Brass per QQ-B-626,  $\frac{1}{2}$  H, Alloy 360.  
 Gold per MIL-G-45204, Type I, Grade C, Class 1;  
 over Copper per MIL-G-14550, Class 4.
- INSULATOR----- Teflon per MIL-P-19468 And L-P-403, Type 1.

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## ELECTRICAL

Nominal Impedance (Ohms) _____	50
Frequency Range (GHz) _____	0 To 10
Voltage Rating (Max. VRMS) _____	335
VSWR (Max.) _____	$1.20 + .09 \sqrt{\text{FGHz}}$
Insertion Loss (dB Max.) _____	.09 FGHz
RF Leakage (Min. dB down) _____	100 db-(2-3) FGHz
RF High Potential (Max. VRMS) _____	670 @ 5 MHz
Dielectric Withstanding Voltage (Max. VRMS) _____	1,000
Insulation Resistance (Min. megohms) _____	1,000
Contact Resistance:	
Center Contact (Max. milliohms) _____	6.0
Outer Contact (Max. milliohms) _____	1.0

## MECHANICAL

Interface Dimensions _____	Per MIL-C-39012/SMC Series And S/M MD-124
Recommended Mating Torque _____	35-50 in. oz.
Center Contact Axial Forces:	
Insertion (Max. ounces) _____	N/A
Withdrawal (Min. ounces) _____	N/A
Connector Durability (Min. cycles) _____	500
Connector Engagement & Disengagement (Max. Inch lbs.) _____	1.0
Center Contact Captivation _____ (Min. Axial Force Lbs.)	6.0

## ENVIRONMENTAL

Temp. Rating (degrees centigrade) - $65^{\circ}$ to $+165^{\circ}$	
Vibration (MIL-STD-202, Method 204, Condition D, 20G, a)	
Shock (MIL-STD-202, Method 213, Cond. I, 100G, a)	
Temp. Cycling (MIL-STD-202, Method 107-Cond. B, $-65^{\circ}$ to $+200^{\circ}$ c)	
Moisture Resistance (MIL-STD-202, Method 106, Less Step 7b)	
Barometric Pressure (Altitude) MIL-STD-202, Method 105, Cond. C.	
	70,000 ft., 250 VRMS)
Terminals _____	N/A

## SPECIAL FEATURES

2242-0009