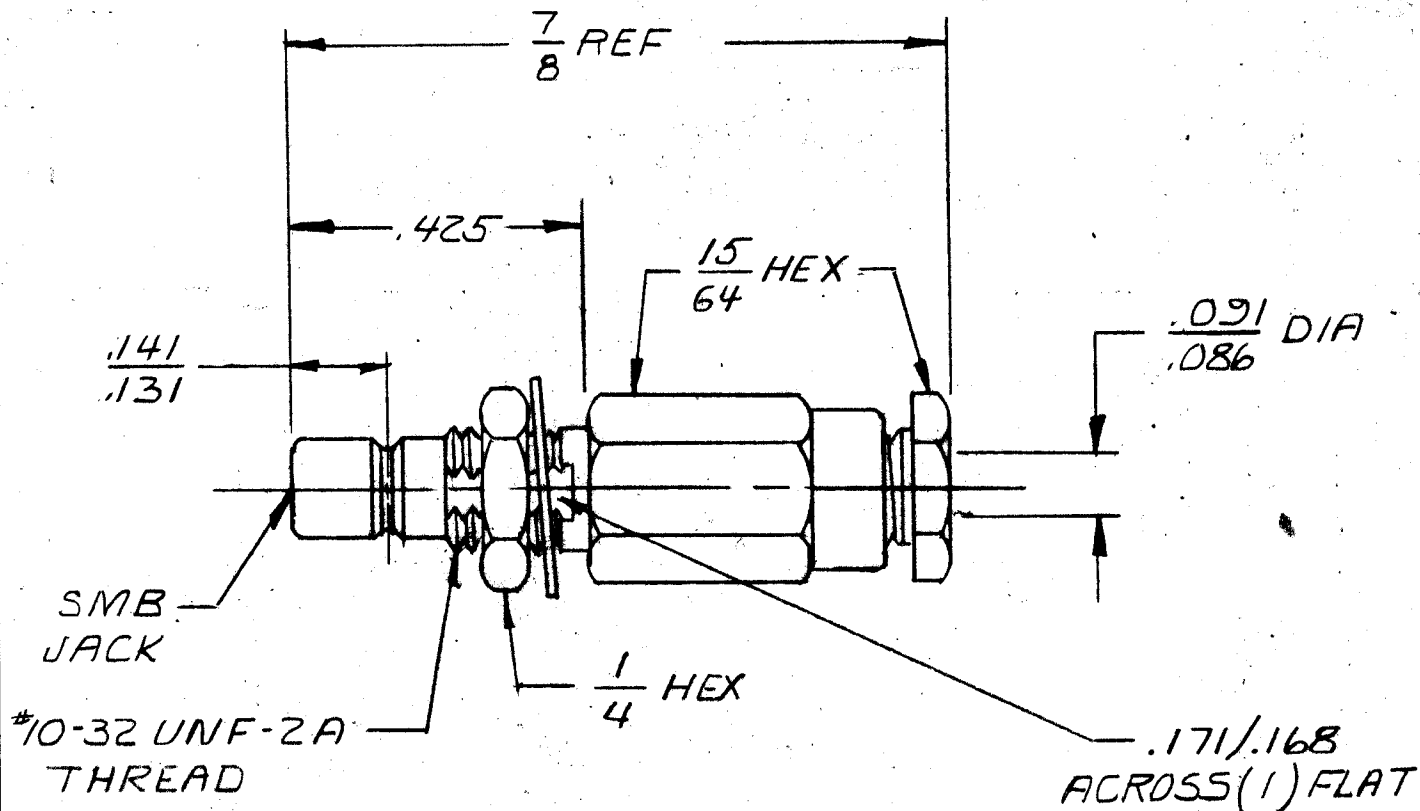


CONFIGURATION



MATERIAL & FINISH

MATERIAL :

ALL METAL PARTS EXCEPT

LOCKWASHER----- Brass Per QQ-B-626, $\frac{1}{2}$ Hard, Alloy 360.

LOCKWASHER----- Phosphor Bronze Per ASTM-B-103, Alloy 52100.

INSULATOR----- Teflon Per MIL-P-19468 & L-P-403, Type 1.

FINISH :

ALL METAL PARTS EXCEPT

CONTACT----- Gold Per MIL-G-45204, Type II, Grade C, Class 1:
Over Copper Per MIL-C-14550, Class 4.

CONTACT----- Gold Per MIL-G-45204, Type I, Grade C, Class 1:
Over Gold Per MIL-G-45204, Type I, Grade A, Over
Copper Per MIL-C-14550, Class 4.

Rw - Rel 11230 7/88 WJT

ELECTRICAL

Nominal Impedance (Ohms) _____ 50
Frequency Range (Ghz) _____ DC-4.0
Voltage Rating (Max. VRMS) _____ 335
VSWR (Max.) _____ 1.15 + .02 FGHz
Insertion Loss (dB Max.) _____ .09
RF Leakage (Min. dB down) _____ 100
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/SMB SERIES AND S/M MD-121
Recommended Mating Torque _____ N/A
Center Contact Axial Forces:
 Insertion (Max. ounces) _____ 40
 Withdrawal (Min. ounces) _____ 1
Connector Durability (Min. cycles) _____ 500
Connector Engagement & Disengagement (Max. inch lbs.) _____ 14.0 Axial Force
Center Contact Captivation 6 Lbs. Min. Axial Force

ENVIRONMENTAL

Temp. Rating (degrees centigrade) - 65° + 105° (See Note 1.)
Vibration (Mil-STD-202, Method 204, Condition D, 20G, s)
Shock (Mil-STD-202, Method 213, Cond. I, 100G, s)
Temp. Cycling (Mil-STD-202, Method 107-Cond. B, -65c to 115° c)
Moisture Resistance (Mil-STD-202, Method 106, Less Step 7b)
Barametric Pressure (Altitude) Mil-STD-202, Method 105, Cond. C.
70,000 ft., 250 VRMS)
Hermeticity N/A

NOTE 1. Connector is Derated from + 165°c when used with Cable specified.

SPECIAL FEATURES