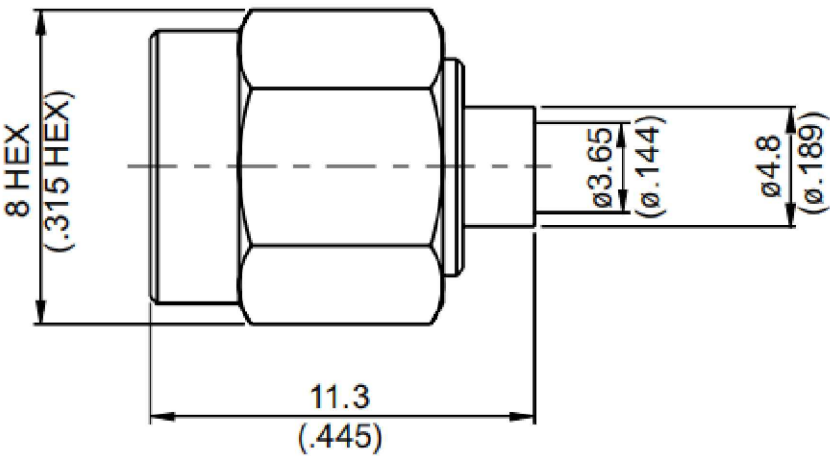


A		B		C		D		E		F	
RevNo	Revision note		Date	Signature	Checked	RoHS Compliant.					
V1.0	Sketch only		23/09/2026								



Interface Per:
MIL-STD-348B
Mechanically compatible with 2.92 & 3.5

- Material & Finishing:**
1. Contact Pin: Brass, Gold 4 Over Nickel-phosphorus Alloy 80 Over Copper20
 2. Retalner Rlng: Beryllium Copper, Tin-Zinc-Copper-Alloy 100 Over Copper 50
 3. Gasket: Silicone
 4. Insulator:Teflon
 5. Body: Brass, Gold 4 Over Nickel-phosphorus Alloy 80 Over Copper20
 6. Couplng Nut: **Stainless steel**, Passivation

- Electrical Data:**
1. Impedance: 50 Ohms
 2. Frequency: 0~27GHz
 3. V.S.W.R: ≦ 1.2 (DC to 27GHz)
 4. Insertion loss: ≦ 0.04 x f(GHz) dB
 5. Insulation resistance: ≧ 5000MΩ
 6. Contact resistance inner conductor: ≦ 3mΩ
 7. Contact resistance outer conductor: ≦ 2mΩ
 8. Dielectric withstanding voltage (at sea level): 1500 V rms
 9. Working voltage (at sea level): 500 V rms

Unless otherwise specified, tolerances as below: .X ±0.15 .xx ±0.1 .xxx ±0.05 Angle: ±2°	Material:	See Notes	Weight	g		
	Finish:	See Notes	Scale	8 : 1		
	Unit	mm	Page	01		
	REV.	V1.0	p/n	01	DWG NO.	3.01.497
Drawn	DATA:		Projection		Cust P/N.	TBD
Checked	DATA:		Title: SMA PLUG FOR RG402 CABLE			
Approved	DATA:					