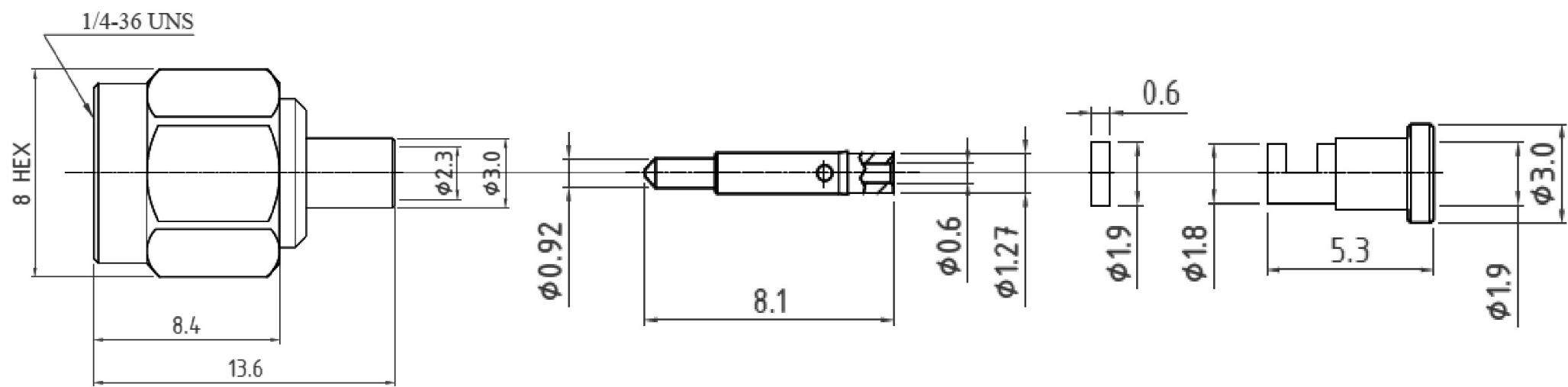


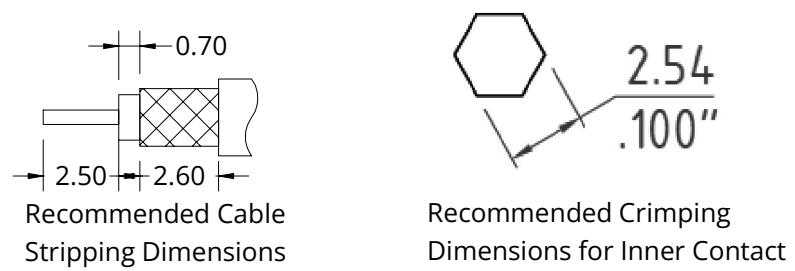


Electrical :
Impedance: 50 ohm
Frequency Range : 0~12.4 GHz.
Voltage Range : 500 V rms (depending on cable)
Insulator Resistance : $\geq 5 \text{ G}\Omega$
Dielectric Withstanding Voltage : 1000 V rms
Contact Resistance : Center Contact $\leq 3\text{m}\Omega$
Outer Contact $\leq 2.5\text{m}\Omega$

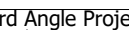
Mechanical :
Mating: 1/4-36 UNS Screw-on Coupling.
Recommended Mating Torque : 7.1~9.7 lbs
Coupling Nut Retention Force : $\geq 60.7 \text{ lbs}$

Environmental :
Temperature Range : -65°C to 165°C
Corrosion(Salt Spray) : MIL-STD-202, Method 101, Cond. B
Thermal Shock : MIL-STD-202, Method 107, Cond. B
Mechanical : MIL-STD-202, Method 213, Cond. I
Vibration : MIL-STD-202, Method 204, Cond. D

Finish [Unit of Plating Thickness Is in Micro Inch(μ)]
1. Nickel Plating Thk. : 50 μ " min. (UNder Plating)
2. Gold Plating Thk. : 30 μ " min. (Over Finish 1)
3. Gold Plating Thk. : 2 μ " max. (Over Finish 1)



REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	11/Feb/2025	M. Smith

DO NOT SCALE			Designed by Martin Smith	X.X - +0.20 X.XX - +0.10 X.XXX - +0.05	Design Right Protected	©2025	Date 12 feb 2025	A3
Unit of Measure: millimetres (mm)								
RoHS Compliant	Cambridge Electronic Industries Ltd	This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.	Description: 12.4GHz 50 ohm SMA Cable Plug with Peek Insulator for KAP50S cab					
			Part No: ZCP-12-CST-GGDF-I					