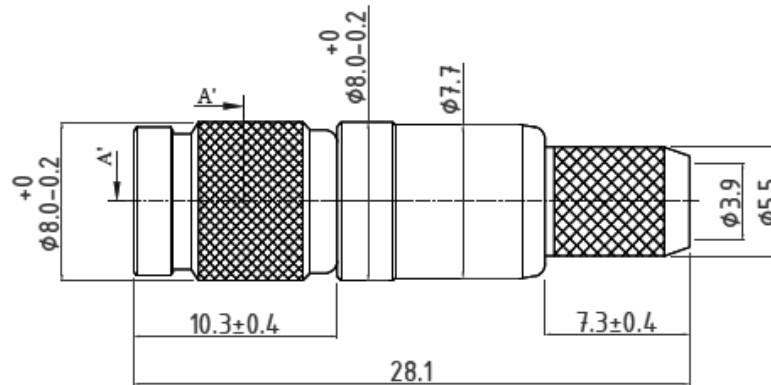
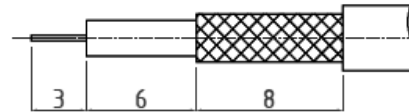
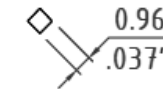


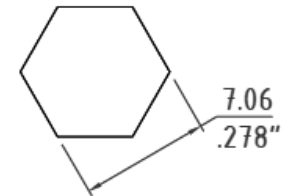
Section A'-A'



Recommended Cable Stripping Dimensions



Recommended Crimping Dimensions for Inner Contact



Recommended Crimping Dimensions for Ferrule

Electrical :

Impedance : 75 ohm
Frequency Range : 0~2 GHz .
Voltage Rating : 250 V rms. (depending on cable)
Insulator Resistance : $\geq 1 \text{ G}\Omega$
Dielectric Withstanding Voltage : 750 V rms .
Contact Resistance : Center Contact $\leq 10 \text{ m}\Omega$.
Outer Contact $\leq 3 \text{ m}\Omega$.

Mechanical :

Mating : Quick-Lock Coupling.
Engagement Force : $\leq 2.3 \text{ lbs}$
Disengagement Force : $\leq 2.3 \text{ lbs}$

Environmental :

Temperature Range : -40°C to 85°C
Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. C
Thermal Shock : MIL-STD-202, Method 107, Cond. B
Mechanical : MIL-STD-202, Method 213, Cond. B
Vibration : MIL-STD-202, Method 204, Cond. A

Finish [Unit of Plating Thickness Is in Micro Inch (μ)]

1. Nickel Plating Thk. : 80 μ " min. (Under Plating)
2. Gold Plating Thk. : 2 μ " max. (Over Finish 1)

5	Ferrule	Brass	Finish 1
4	Inner Contact	Brass	Finish 1/2
3	Insulator	PTFE	None
2	Body	Brass	Finish 1
1	Shell	Brass	Finish 1
ITEM	Description	Material	Finish

TITLE	1.0/2.3 Non-Latching for B1505F
RoHS Compliant	Cambridge Electronic Industries Ltd Denny Industrial Centre, Waterbeach, Cambs. CB25 9QR Tel: 01223 860041

1.0	Origin	28/08/18
ISSUE	CHANGE	DATE
Origin		
Drn.	P. Fayers	28/08/18
Chkd.		
Dwg. No.	C-SX-193	