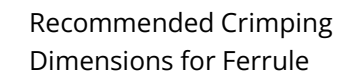
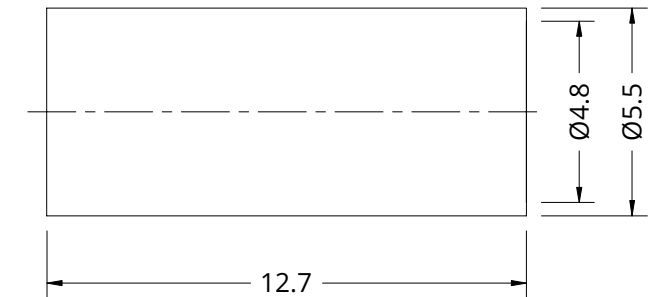
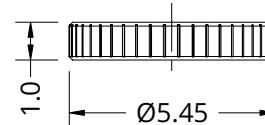
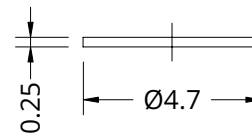


Impedance	75 Ohm
Frequency range	0-6GHz
Voltage rating	500 Vrms
Insulator resistance	≥5 GOhm
Dielectric withstanding voltage	1000 Vrms
Contact resistance	
- Centre contact	≤3 mOhm
- Outer contact	≤2.5 mOhm

Mating	Quick-lock coupling
Cable retention force	≥30 lbs

Temperature range	-45°C to 85°C
Corrosion (salt spray)	MIL-STD-202, Method 101, Cond. B
Thermal Shock	MIL-STD-202, Method 107, Cond. B
Mechanical shock	MIL-STD-202, Method 213, Cond. B
Vibration	MIL-STD-202, Method 204, Cond. A

1. Nickel platin thickness	50μ" MIN (under plating)
2. Gold plating thickness	2μ" MAX (over finish 1)



Item	Description	Material	Finish
1	Shell	Brass	Finish 1
2	Body	Brass	Finish 1
3	Insulator	PTFE	None
4	Inner Contact	Brass	Finish 1/2
5	Ferrule	Brass	Finish 1
6	Spacer	PET	None
7	Cap	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	22 May 2018	Peter Fayers
1.1	Freq Re-Classified	-	12 Jun 2018	Peter Fayers
1.2	DesignChange	-	20 Nov 2025	Peter Millard

DO NOT SCALE		 Third Angle Projection	Designed by Peter Millard	X.X - +0.20 X.XX - +0.10 X.XXX- +-0.05	Design Right Protected	©2025	Date 20 Nov 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: 6GHz 75 ohm 1.0/2.3 R/A Male Cable Crimp/Solder Connector for Belden 1855A					
			Part No: XGT-8004-NGBA					