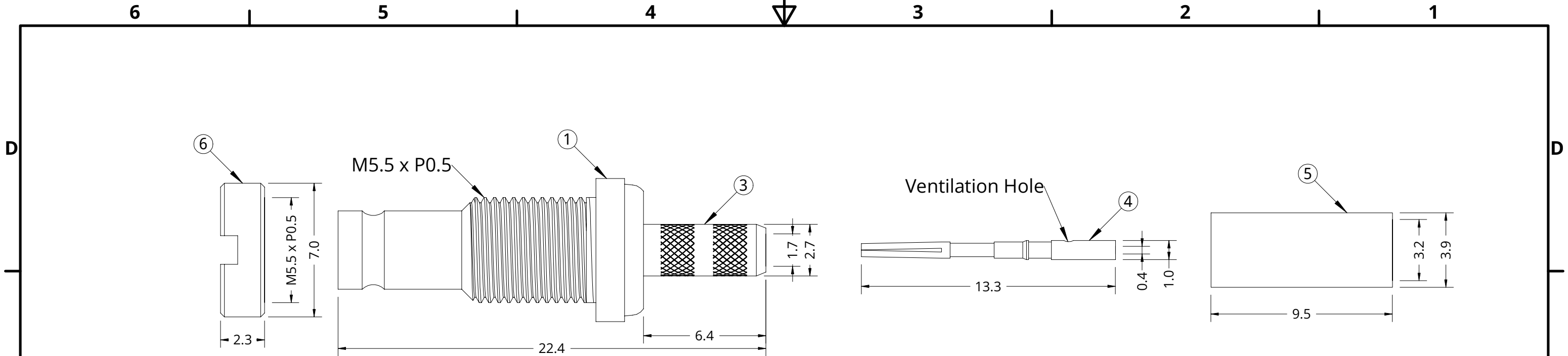


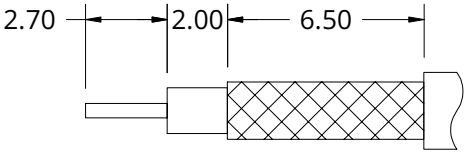


Electrical :
Impedance : 75 ohm
Frequency Range : 0~6 GHz
Voltage Rating : 500 Vrms (depending on cable)
Insulator Resistance : ≤ 5 Gohm
Dielectric Withstanding Voltage : 1000 Vrms
Contact Resistance : Center Contact ≤ 3 mohm.
: Outer Contact ≤ 2.5 mohm

Mechanical :
Mating : Screw-on / Slide-on / Quick-Lock Coupling. (depend on Plug)
Cable Retention Force: ≥ 12 lbs.

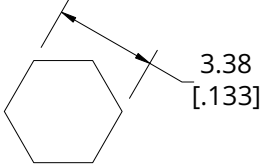
Environmental :
Temperature Range : -45°C to 85°C
Corrosion(Salt Spray) : MIL-STD-202, Method 101, Cond. C
Vibration : MIL-STD-202, Method 204, Cond. A
Thermal Shock : MIL-STD-202, Method 107, Cond. B
Mechanical Shock : MIL-STD-202, Method 213, Cond. B

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



Recommended Cable Stripping Dimensions

Solder Center Contact



Recommended Crimping Dimensions for Ferrule

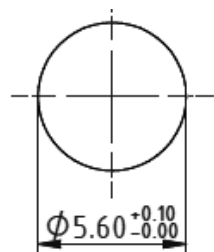
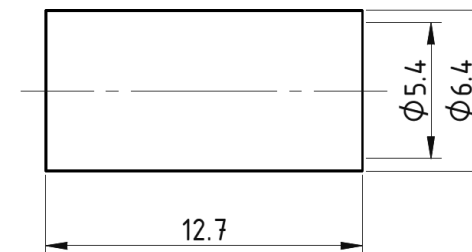
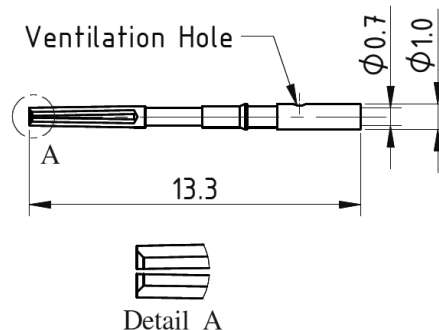
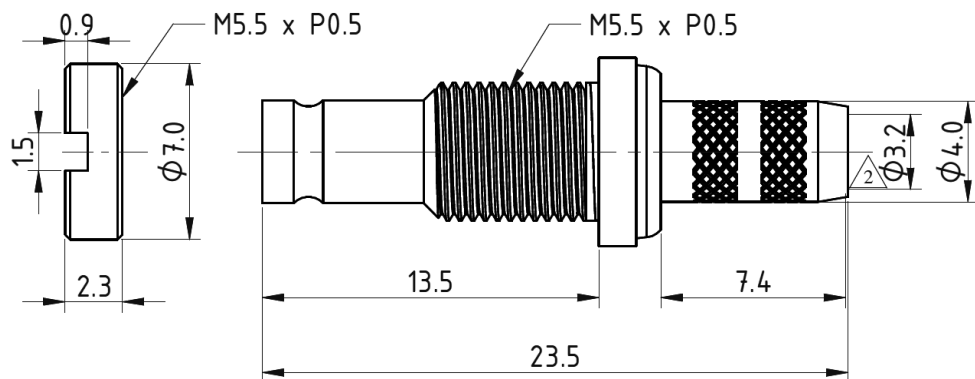
Item	Description	Material	Finish
1	Body	Brass	Finish 1/2
2	Insulator	PTFE	None
3	Rear Mandrill	Brass	Finish 1/2
4	Inner Contact	BeCu	Finish 1/2
5	Ferrule	Brass	Finish 1/2
6	Round Nut	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	09 Dec 2010	P.Fayers
1.1	Removed Crimp Data for Pin	-	22 Feb 2017	P.Fayers
2.0	Part Replacement	-	30 Oct 2023	P.Millard

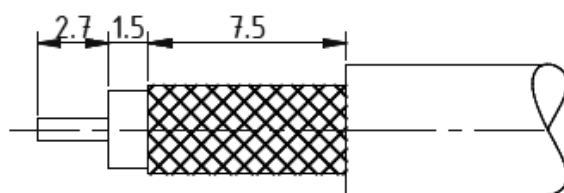
DO NOT SCALE		Third Angle Projection		Designed by Peter Millard		X.X - +0.20 X.XX - +0.10 X.XXX - +0.05		Design Right Protected		©2023		Date 30 Oct 2023		A3	
Unit of Measure: millimetres (mm)															
RoHS Compliant		Cambridge Electronic Industries Ltd		This document and all the data contained 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: 1.0/2.3 Cable Mount Socket RG 179		Part No: XGT-8012-NGAF		Issue 2.0		Sheet 1 / 1			



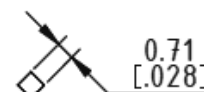
TITLE	1.0/2.3 BH Cable Jack Belden 1855A
RoHS Compliant	Cambridge Electronic Industries Ltd Denny Industrial Centre, Waterbeach, Cambs. CB25 9QR Tel: 01223 860041



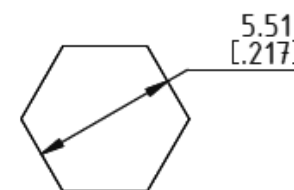
Recommended Mounting Hole



Recommended Cable Stripping Dimensions



Recommended Crimping Dimensions for Inner Contact



Recommended Crimping Dimensions for Ferrule

Tool: TLG 123

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

1. Nickel Plating Thk. : 50 μ "min. (Under Plating)
2. Gold Plating Thk. : 10 μ "min. (Over Finish 1)
3. Gold Plating Thk. : 2 μ "max. (Over Finish 1)

Electrical :

Impedance : 75 ohm
Frequency Range : 0-6 GHz .
Voltage Rating : 500 V rms.
Insulator Resistance : ≥ 5 G Ω .
Dielectric Withstanding Voltage : 1000 V rms .
Contact Resistance : Center Contact ≤ 3 m Ω .
Outer Contact ≤ 2.5 m Ω .

Mechanical :

Mating : Screw-on / Slide-on / Quick-Lock Coupling.
(depending on Plug)
Cable Retention Force: ≥ 30 lbs.

Environmental :

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 : MIL-STD-202, Method 213, Cond. B
Vibration : MIL-STD-202, Method 204, Cond. A

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

TITLE	1.0/2.3 Straight B/H Mount Socket for UHD 0.6/2.6 B1855A & B4855R & B1855ENH
RoHS Compliant	Cambridge Electronic Industries Ltd Denny Industrial Centre, Waterbeach, Cambs. CB25 9QR Tel: 01223 860041

2.1	Tool Ref Added	02/07/19
2.0	Dim Chg 3.0 to 3.2	08/05/19
1.0	Origin	19/03/19
ISSUE	CHANGE	DATE
Origin		
Drn.	P. Fayers	19/05/19
Chkd.		
Dwg. No.	XGT-8012-NGBG	