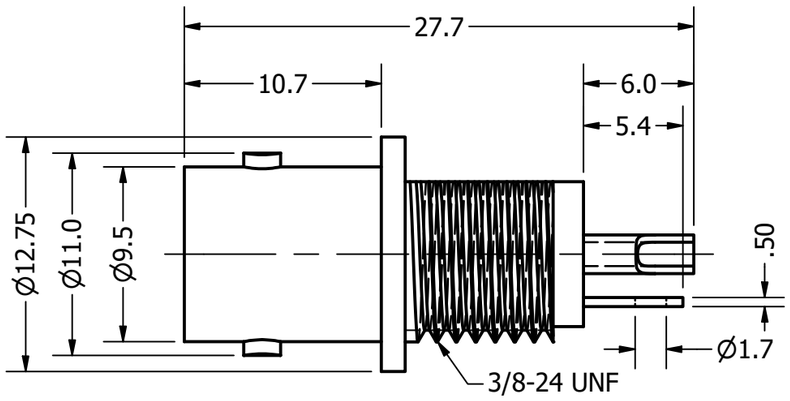
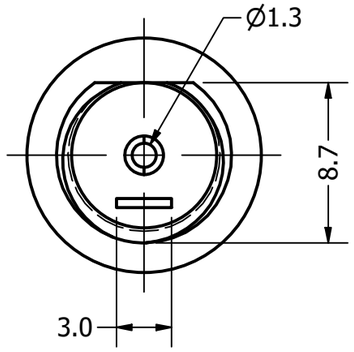
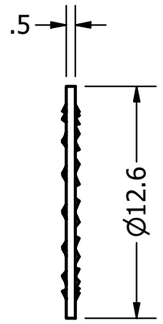
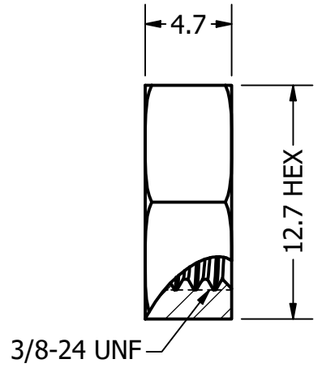
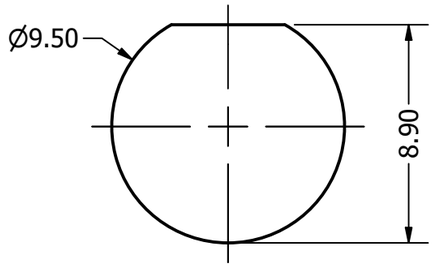










Recommended panel cutout

PARTS LIST			
ITEM	DESCRIPTION	MATERIAL	FINISH
1	Body	Diecast	Finish 1
2	Insulator	ABS	None
3	Inner contact	P.Bronze	Finish 1/2
4	Lock washer	Brass	Finish 1
5	Nut	Brass	Finish 1
6	Threaded body	ABS	None

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	17 Feb 2025	Peter Millard
1.1	Updated Format	FB / INT	18 Aug 2026	Peter Millard

Design Right Protected

Third Angle Projection

RoHS Compliant

Material:

Finish:

x.x ±0.20
x.xx ±0.10
x.xxx ±0.05
Angular ±1°

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by P. Millard

Checked by

Approved by

©2026

Date 17/02/2025

A3

CAMBRIDGE ELECTRONIC INDUSTRIES

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:
50Ω BNC Socket 4GHz Cable Bulkhead for Cable Group AW; Hex Nut & Washer

Part No: ZBS-04-CSB-NNAW Cust

Issue 1.1

Sheet 1 / 2

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(B) BNC\ZBS-04-CSB-NNAW

Electrical:

Impedance	50Ω
Frequency range	DC ~ 4.0 GHz
Working voltage	500 V_{RMS}
Dielectric withstanding voltage	1500 V_{RMS}
Contact resistance	Centre contact ≤1.5 mΩ
Insulation resistance	≥5000 MΩ

Environmental:

Temp ranges	-65 ~ +165°C
Vibration	N/A
Salt spray	N/A
Thermal shock	N/A
Mechanical	N/A

Finish:

1.	Ni plating	50µ" MIN (Under Plating)
2.	Au plating	1 ~ 2µ" MAX (Over Finish 1)

Processing:

Centre contact	Solder
Ferrule	Solder

Cable Group AW:

50-ohm cable

Design Right Protected	Material:	Finish:		x.x ±0.20 x.xx ±0.10 x.xxx ±0.05 Angular ±1°	DO NOT SCALE Unit of Measure: millimeters (mm)	
Third Angle Projection	Designed by P. Millard	Checked by	Approved by	©2026	Date 17 Feb 2025	A3
RoHS Compliant	CAMBRIDGE ELECTRONIC INDUSTIRES	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: 50Ω BNC Socket 4GHz Cable Bulkhead for Cable Group AW; Hex Nut & Washer			
			Part No: ZBS-04-CSB-NNAW Cust		Issue 1.1	Sheet 2 / 2