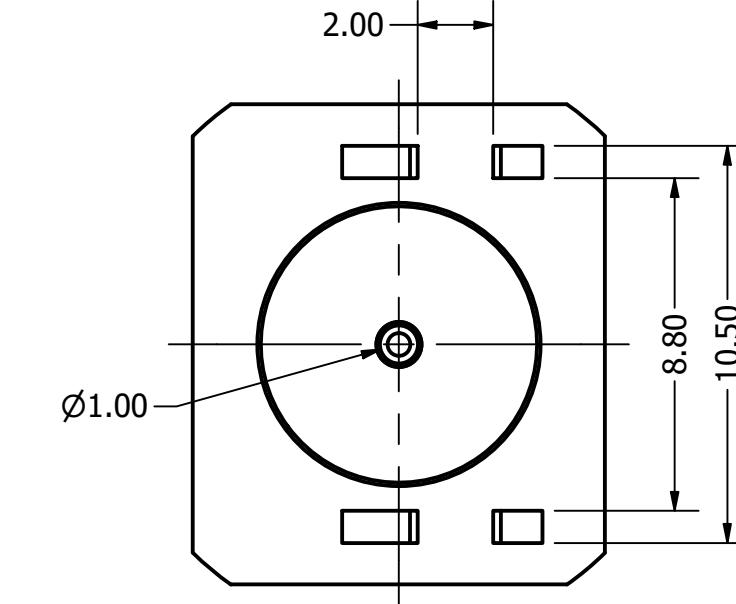
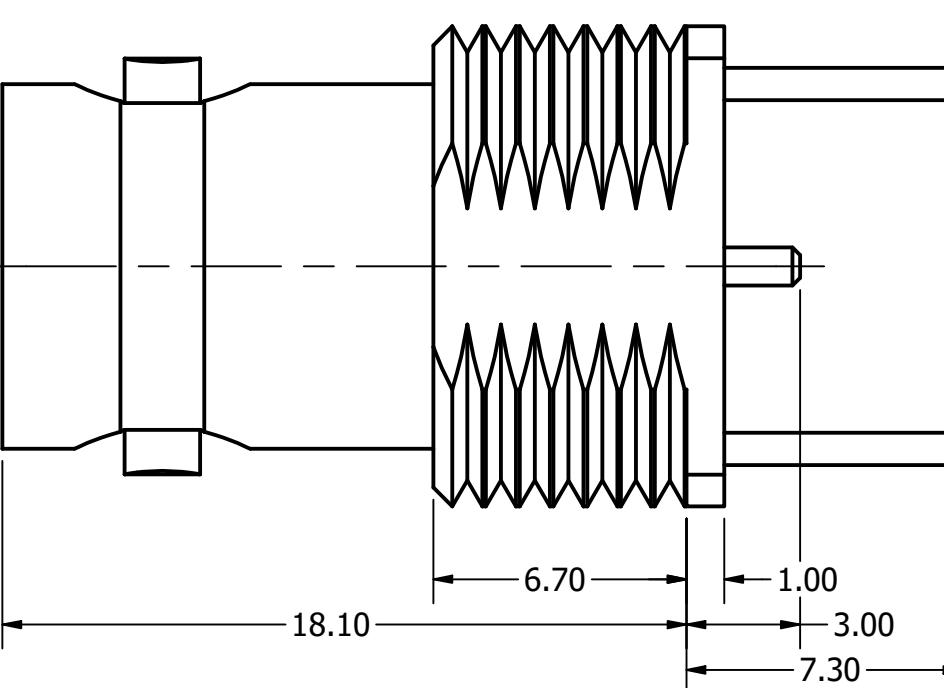
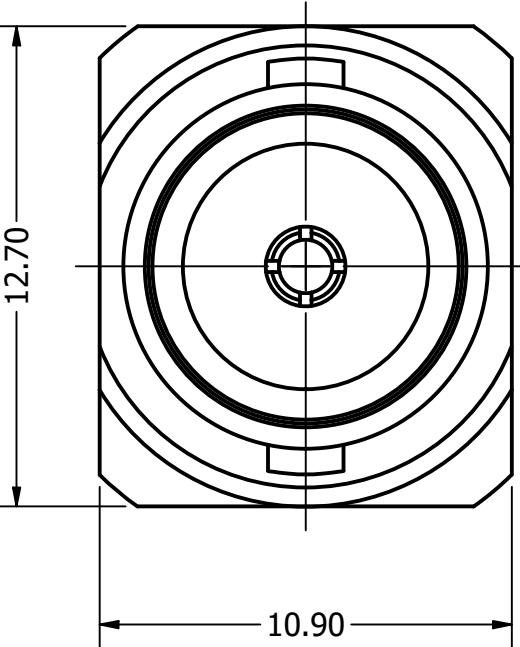
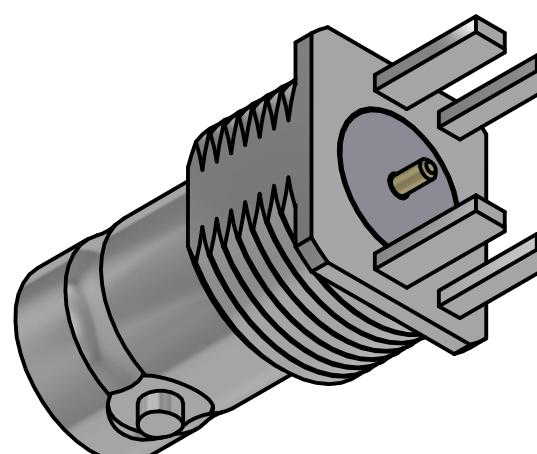
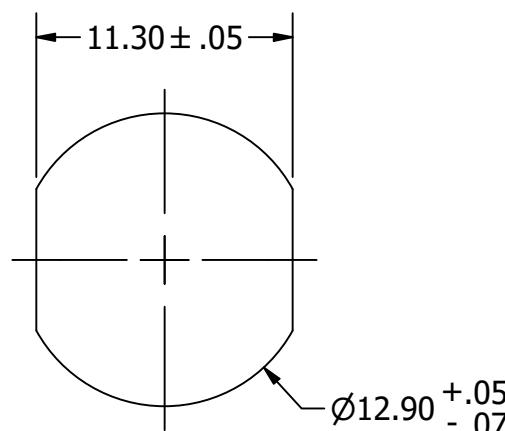


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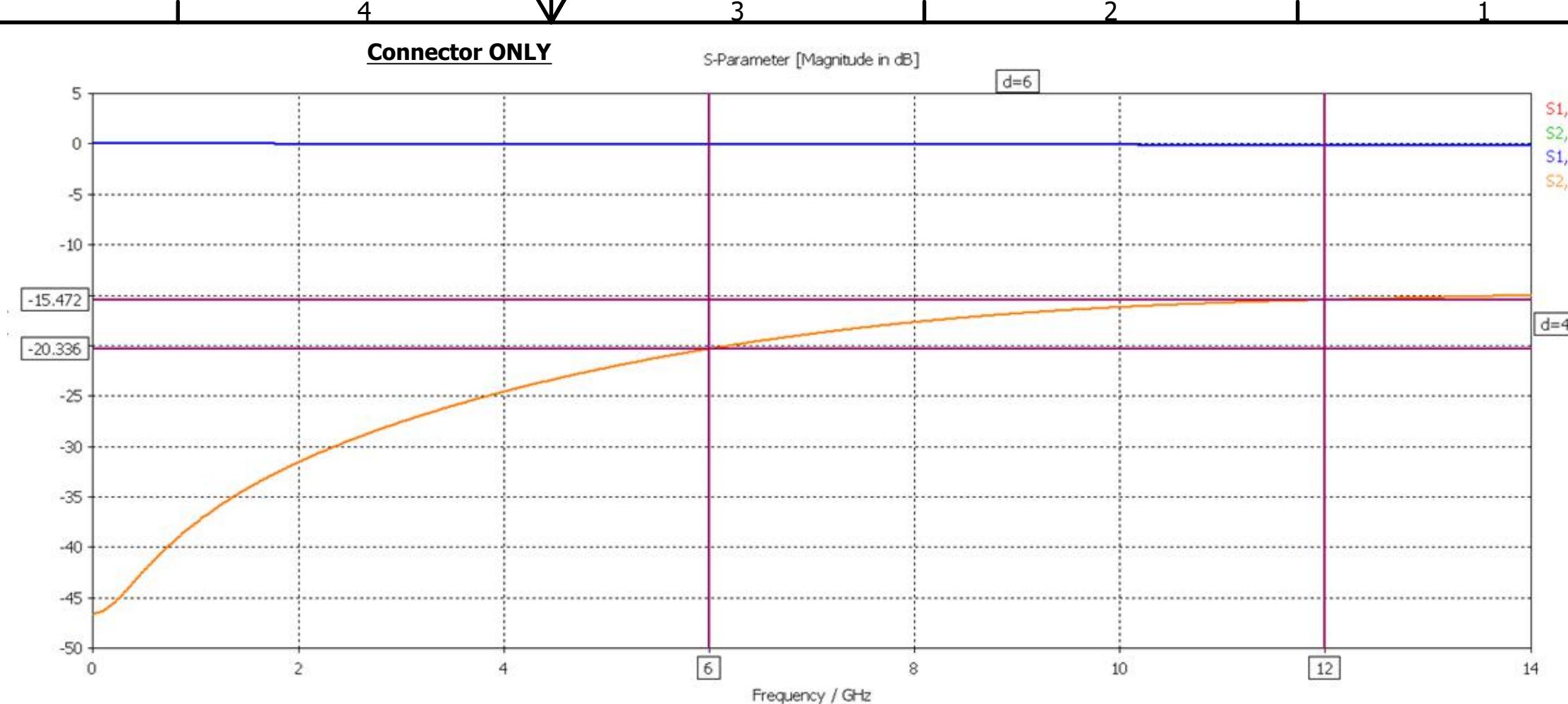
D



Recommended Panel Cut Out



REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
3.0	Updated P/N	20 Jun 2024	Peter Millard
Design Right Protected 	Material: <input type="text"/>	Finish: <input type="text"/>	Gen Tol ±0.10 DO NOT SCALE Unit of Measure: millimeters (mm)
	Designed by <input type="text"/> Peter Fayers	Checked by <input type="text"/>	Approved by <input type="text"/>
			©2024 Date 15 May 2014 A3
RoHS Compliant		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: 12GHz 75 ohm BNC Female Bulkhead Edge Mount Connector for 1.9mm PCB
			Part No: XBS-12-EB19-NNS Cust Issue 3.0 Sheet 1 / 2



Electrical:

Impedance 75 Ohms

Freq Range 0-12.0 GHz

Working Voltage 250 Vrms

Dielectric withstand voltage 750 Vrms

Reflection Factor (VSWR) 1.41 MAX 0.0-12.0 GHz

Contact Resistance Center Contact 4.0 m Ohm

Insulation Resistance >5000 Meg Ohm

Materials:

Center Pin PhosBronze / 10 μ " Au

Insulators PTFE

Environmental:

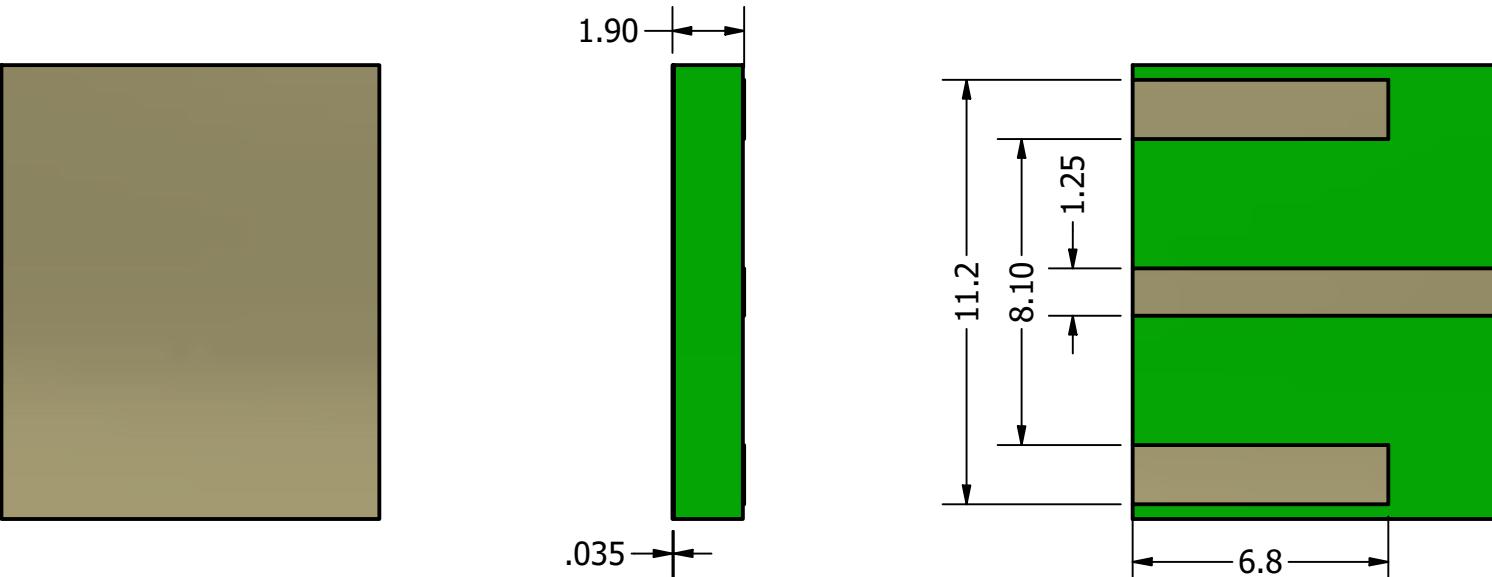
Temp Ranges -65 to +85°C

Mating Cycles

Vibration MIL-STD-202 Method 204 test condition B

Stal Spray MIL-STD-202 Method 101 test condition B

Suggested PCB layout intended as starting point for design iteration



Design Right Protected	Material:	Finish:	Gen Tol ±0.10	DO NOT SCALE		
				Unit of Measure: millimeters (mm)		
Third Angle Projection 	Designed by Peter Fayers	Checked by	Approved by	©2024	Date 15 May 2014	A3
RoHS Compliant		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: 12GHz 75 ohm BNC Female Bulkhead Edge Mount Connector for 1.9mm PCB	Part No: XBS-12-EB19-NNS Cust	Issue 3.0	Sheet 2 / 2