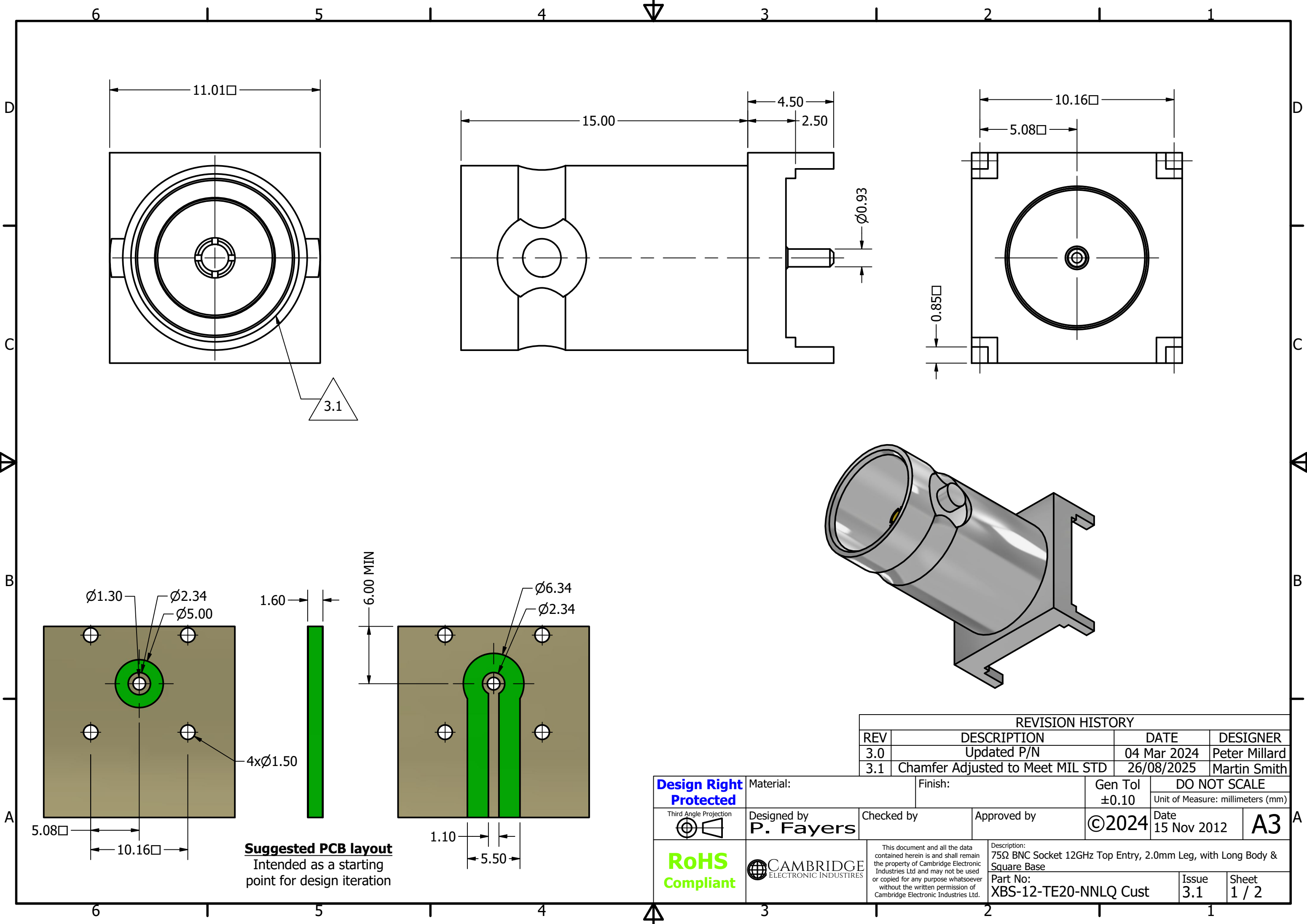
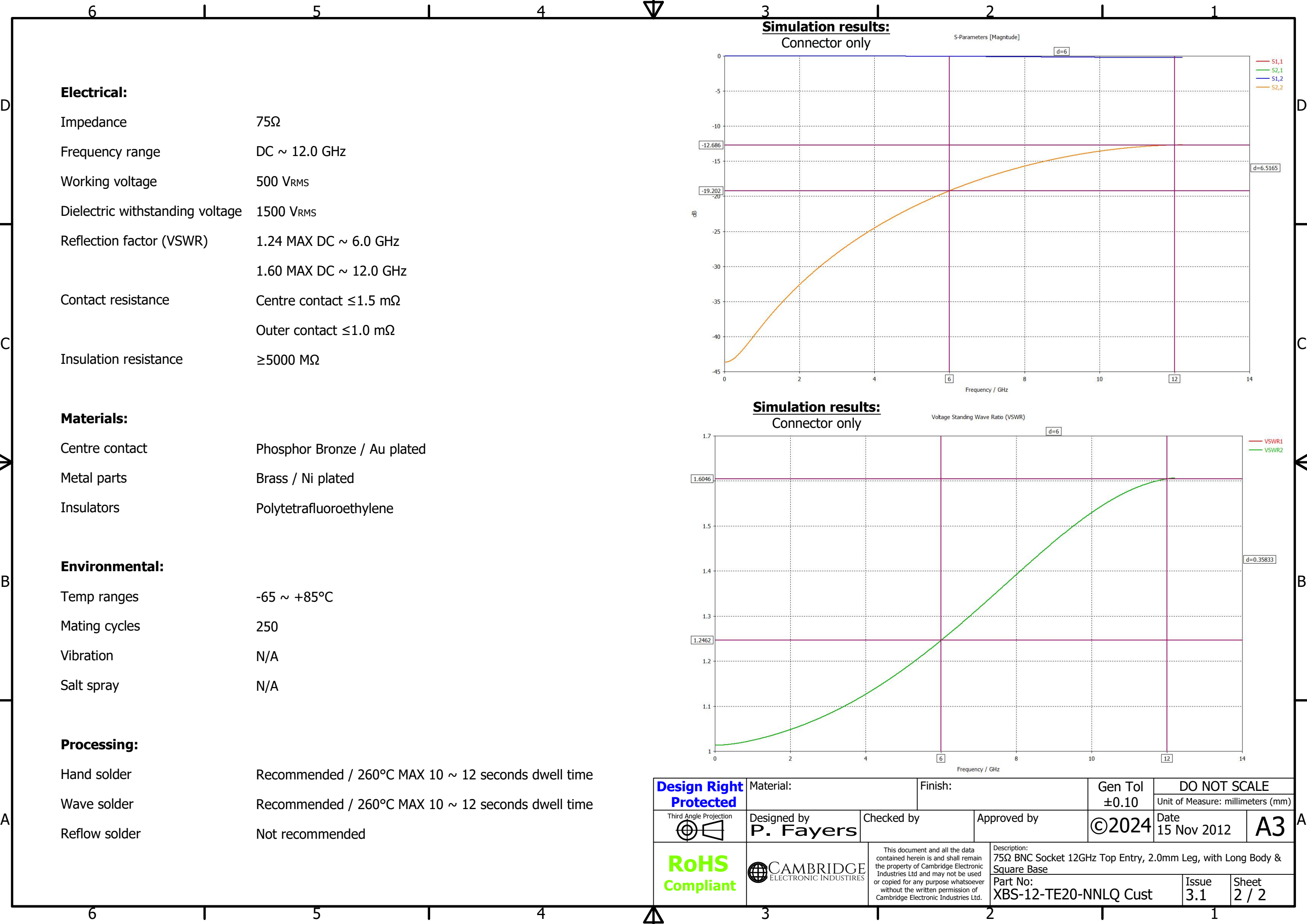






Electrical:

Impedance 75Ω

Frequency range DC ~ 12.0 GHz

Working voltage 500 V_{RMS}

Dielectric withstanding voltage 1500 V_{RMS}

Reflection factor (VSWR) 1.24 MAX DC ~ 6.0 GHz
1.60 MAX DC ~ 12.0 GHz

Contact resistance Centre contact ≤1.5 mΩ
Outer contact ≤1.0 mΩ

Insulation resistance ≥5000 MΩ

Materials:

Centre contact Phosphor Bronze / Au plated

Metal parts Brass / Ni plated

Insulators Polytetrafluoroethylene

Environmental:

Temp ranges -65 ~ +85°C

Mating cycles 250

Vibration N/A

Salt spray N/A

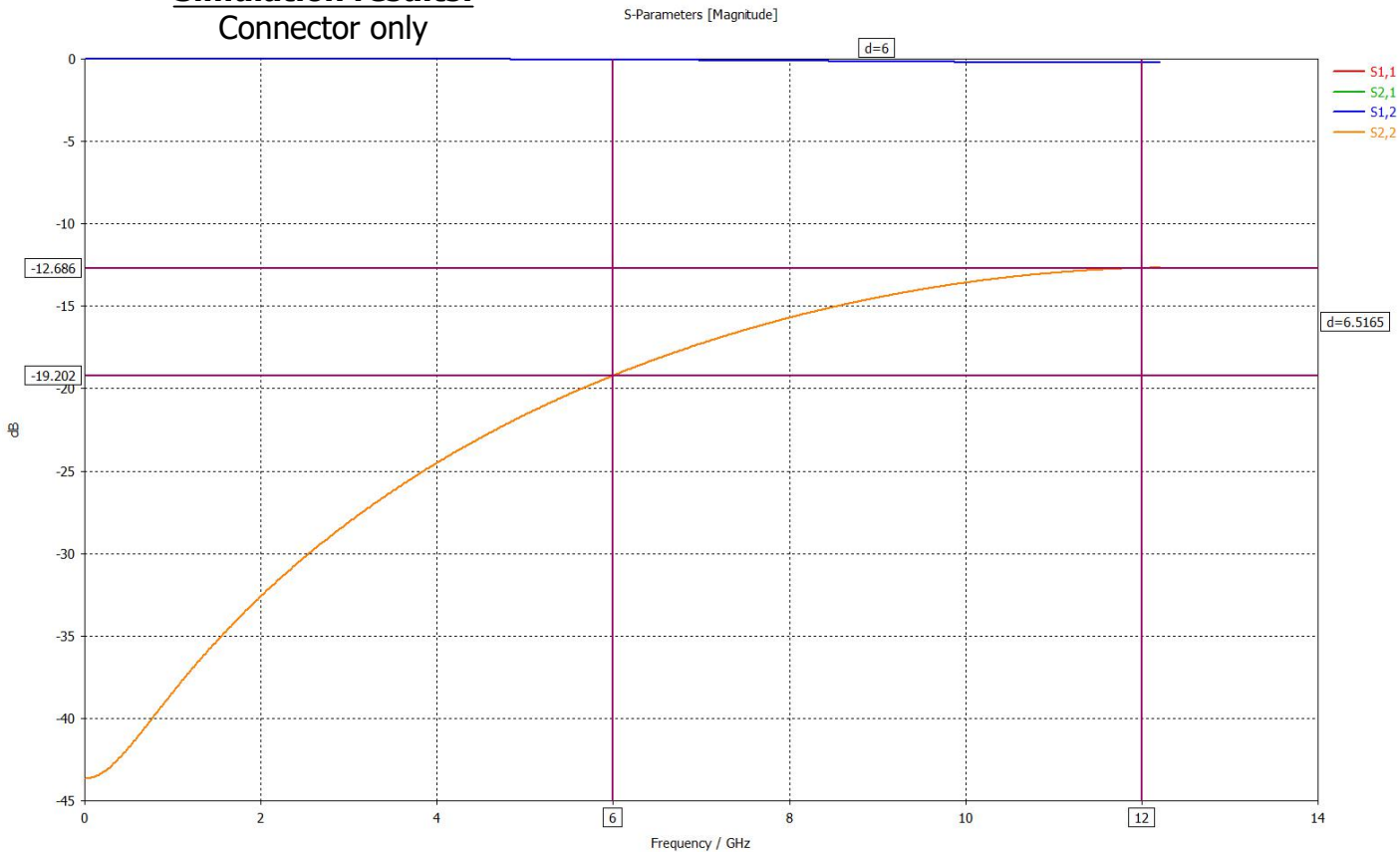
Processing:

Hand solder Recommended / 260°C MAX 10 ~ 12 seconds dwell time

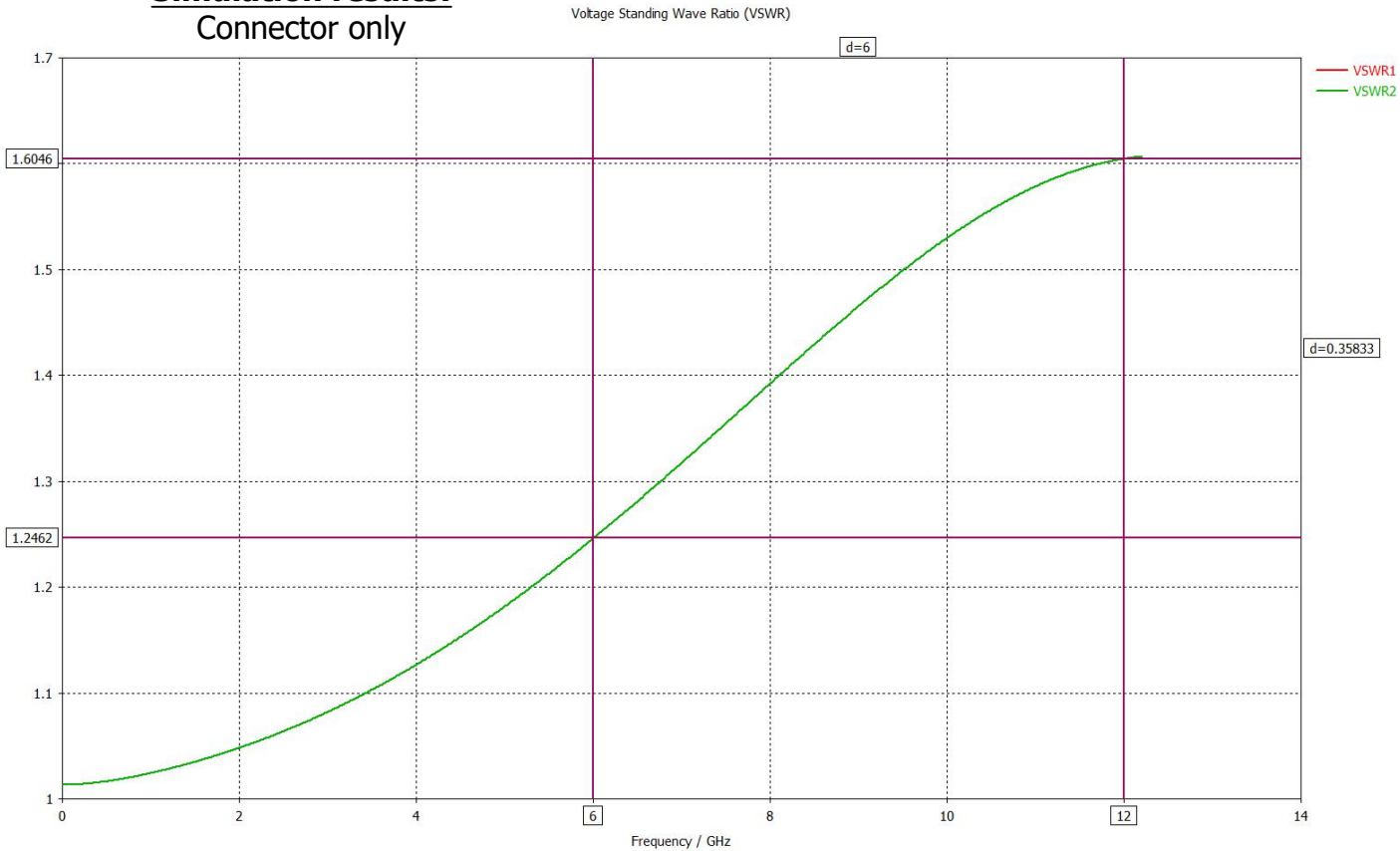
Wave solder Recommended / 260°C MAX 10 ~ 12 seconds dwell time

Reflow solder Not recommended

Simulation results:
Connector only



Simulation results:
Connector only



Design Right Protected	Material:		Finish:		Gen Tol ±0.10	DO NOT SCALE	
						Unit of Measure: millimeters (mm)	
Third Angle Projection 	Designed by P. Fayers	Checked by		Approved by	©2024	Date 15 Nov 2012	A3
RoHS Compliant	 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: 75Ω BNC Socket 12GHz Top Entry, 2.0mm Leg, with Long Body & Square Base		Issue 3.1	Sheet 2 / 2
				Part No: XBS-12-TE20-NNLQ Cust			