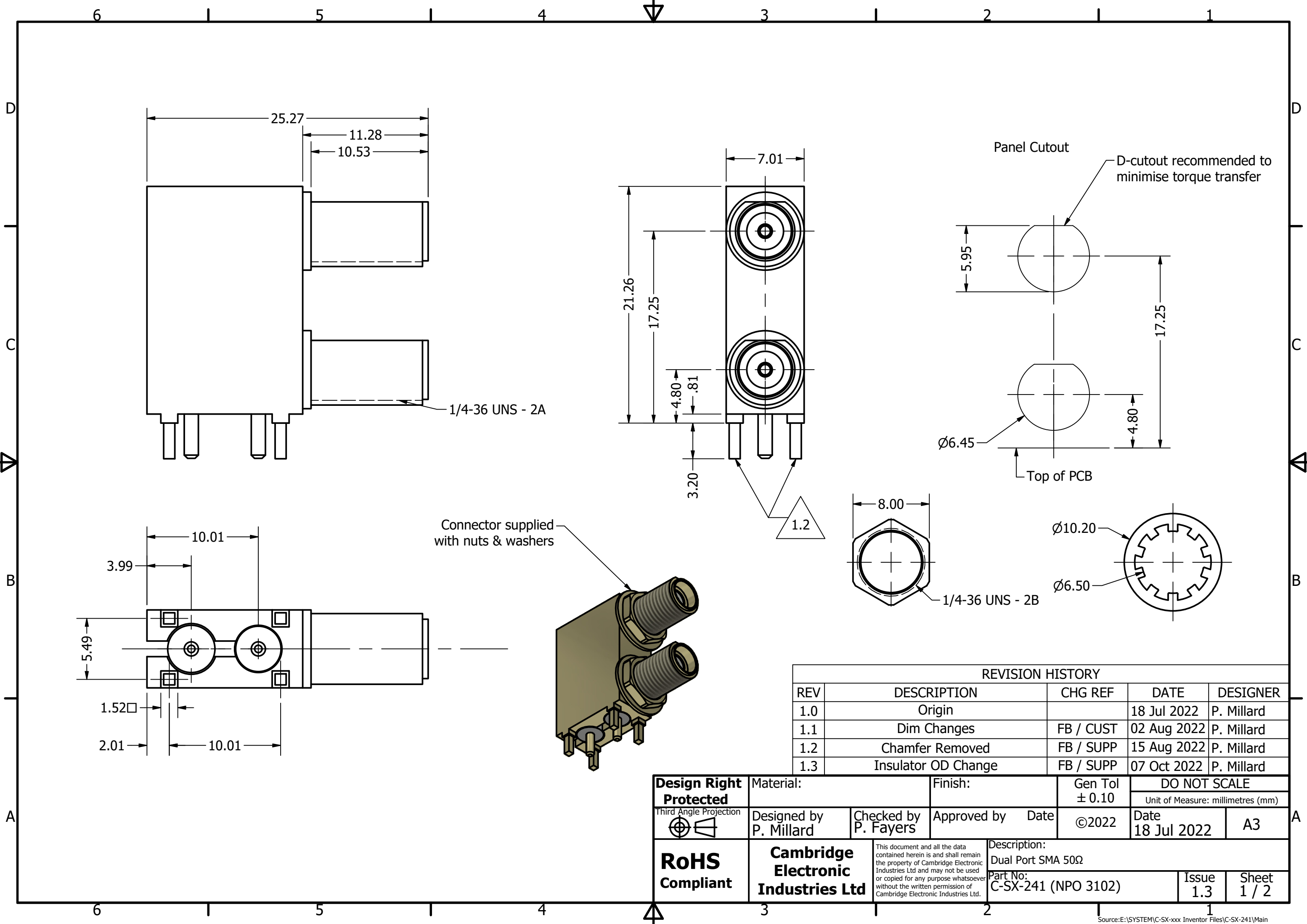




Electrical:

Impedance	50 Ohms
Freq Range	0-12.0 GHz
Working Voltage	500 Vrms
Dielectric withstanding voltage	1000 Vrms
Reflection Factor (VSWR)	1.19 Max 0-12.0 GHz
Contact Resistance	Center Contact 3.0 m Ohm Outer Contact 2.0 m Ohm
Insulation Resistance	> 5000 Meg Ohm

Materials:

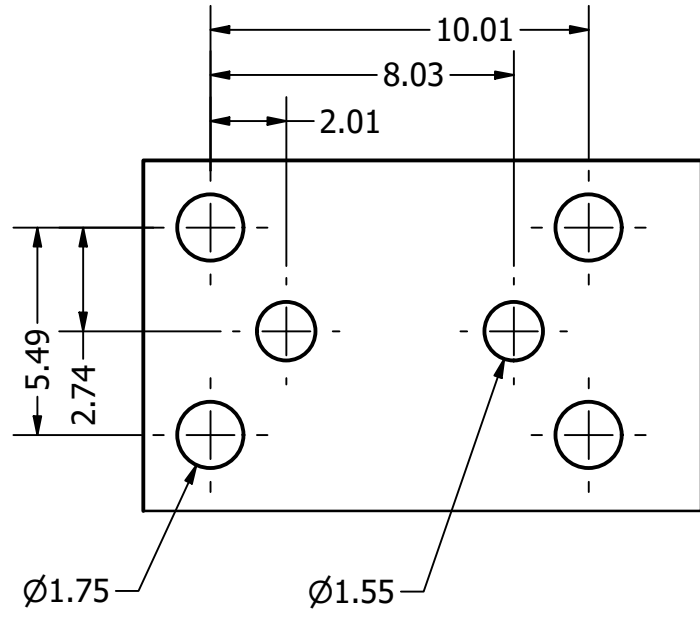
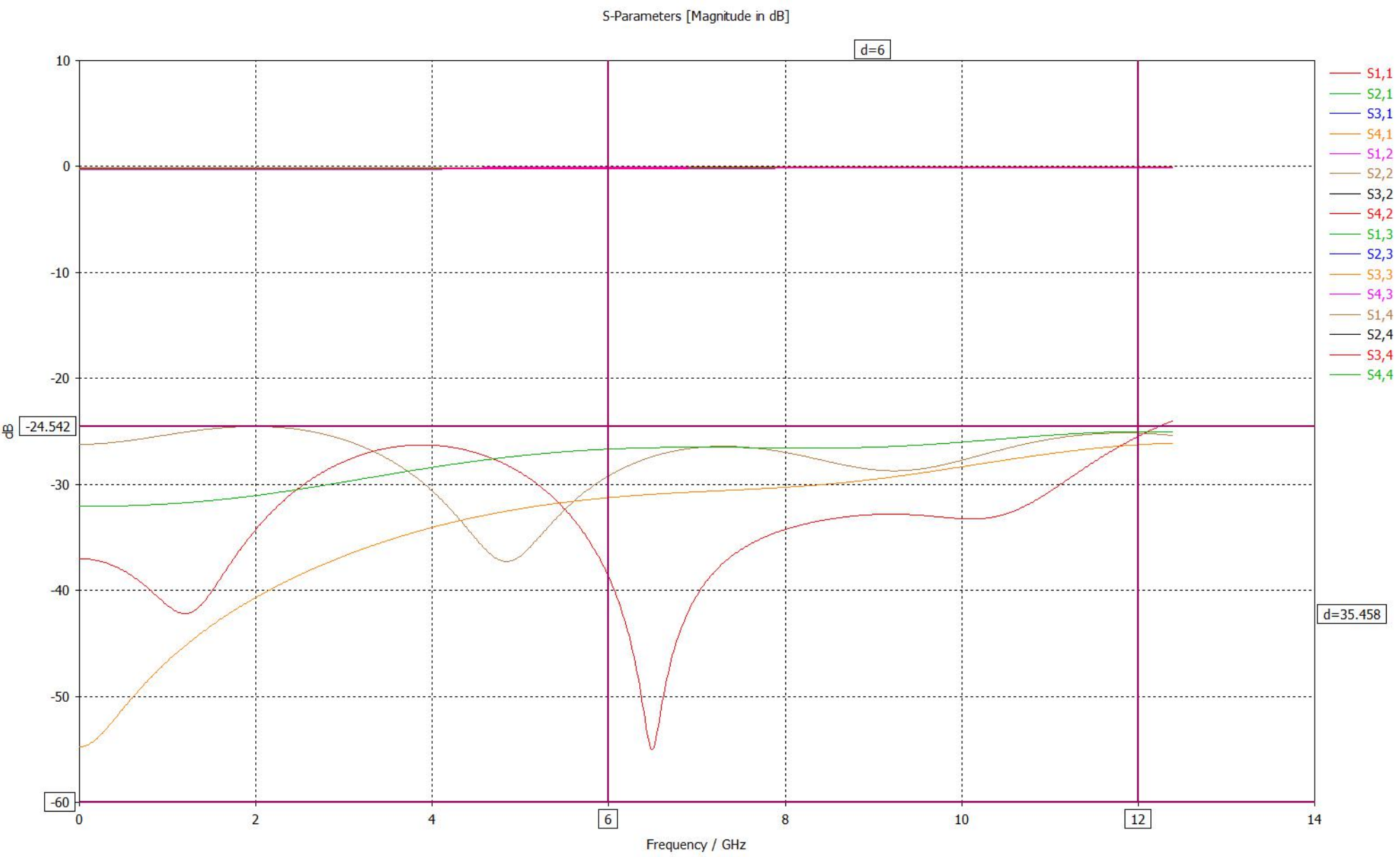
Center Pin	BeCu/10μ Au
Metal Parts	Brass /5μ AU
Insulators	PTFE

Enviromental:

Temp Ranges:	-65 to +85°C
Mating Cycles:	500

Processing:

Maximum wave and hand soldering temperature:	245°C
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Design Right Protected Third Angle Projection 	Material:		Finish:		Gen Tol ± 0.10	DO NOT SCALE	
						Unit of Measure: millimetres (mm)	
	Designed by P. Millard	Checked by P. Fayers	Approved by Date		©2022	Date 18 Jul 2022	A3
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: Dual Port SMA 50Ω				
			Part No: C-SX-241 (NPO 3102)				Issue 1.3