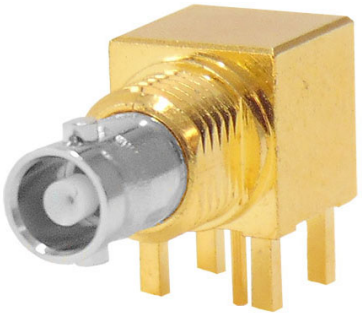
CAMBRIDGE ELECTRONIC INDUSTRIES

75Ω Micro BNC Socket 12GHz Right Angle Bulkhead, 2.6mm Leg with Long Pin

Part Number XPS-12-RB26-GN
Issue 1.0

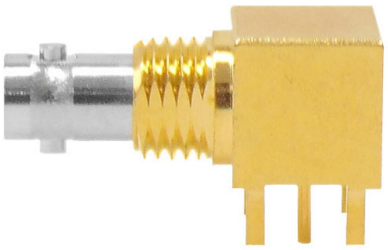
General Description

Our range of 12GHz Precision Micro BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications whilst meeting the JIIA CXP-12 CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The Micro BNC connectors are mateable with any standard Micro BNC connector. The XPS-12-RB26-GN is a right angled Micro BNC connector a longer contact to the connector legs and is suitable for PCB thickness's up to 2.5mm.



This connector is available as:
XPS-12-RB26-GN as a connector only part
XPS-12-RB26-GN-AZ supplied with 2 Slot Circular Nut
XPS-12-RB26-GN-DZ supplied with 2 Wide Slot Circular Nut
XPS-12-RB26-GN-EZ supplied with 4 Slot Magnetic Circular Nut

Electrical



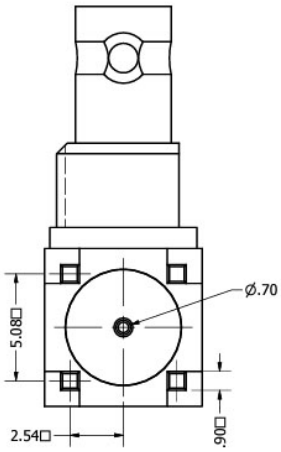
Impedance		75Ω
Frequency Range		0-12GHz
Working Voltage		170Vrms
Reflection Factor (VSWR)		1.08 (max) 0-6GHz 1.14 (max) 6-12GHz
Dielectric Withstanding Voltage		500Vrms
Insulation Resistance		≥1000MΩ
Contact Resistance	Centre Contact	≤ 5.0mΩ
	Outer Contact	≤ 2.5mΩ

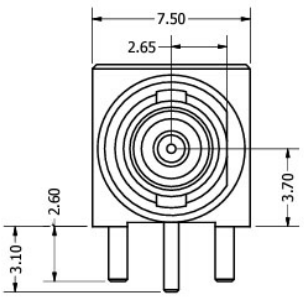
Materials

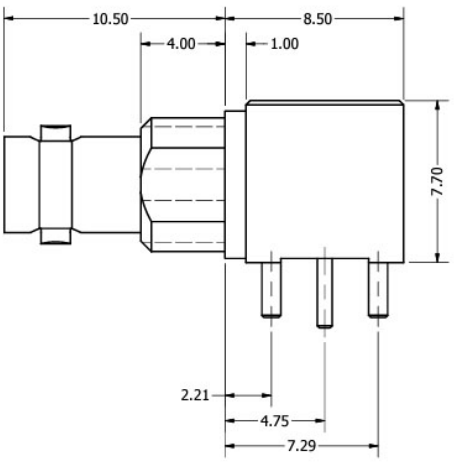
Centre Pin	BeCu / 10 µ"Au
Metal Parts	Brass/Au/Ni
Insulators	PTFE

Environmental

Connector Type	Micro BNC Female
Temp Range	-65 to +85°C
Mating Cycles	500







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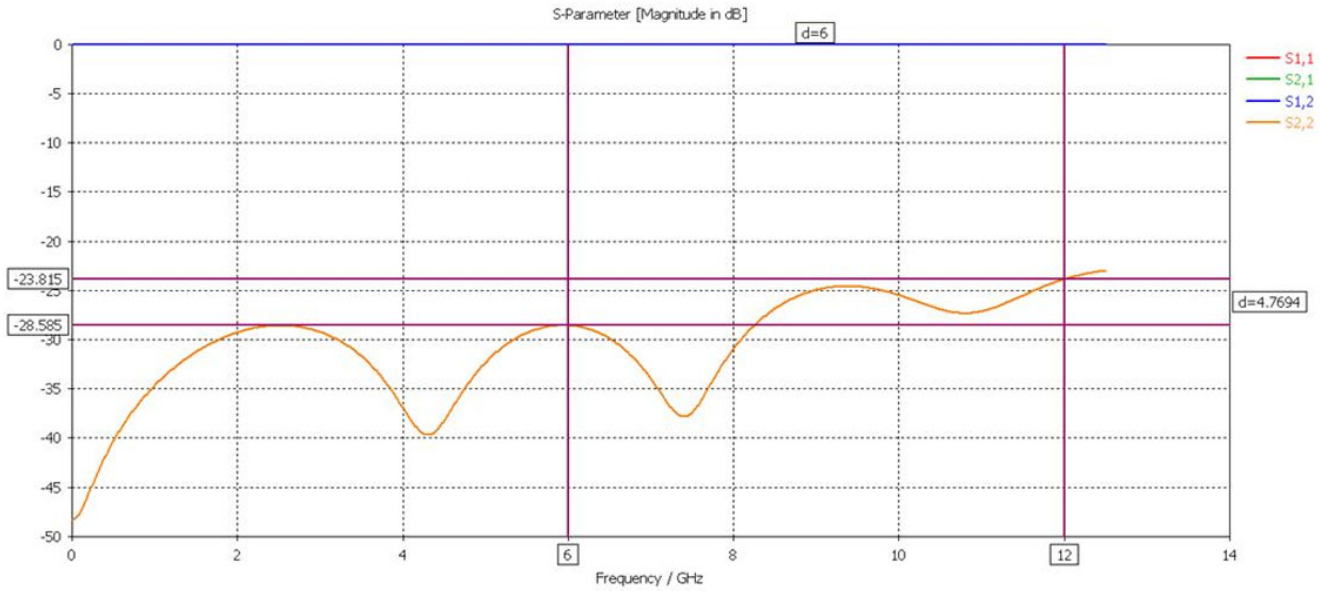
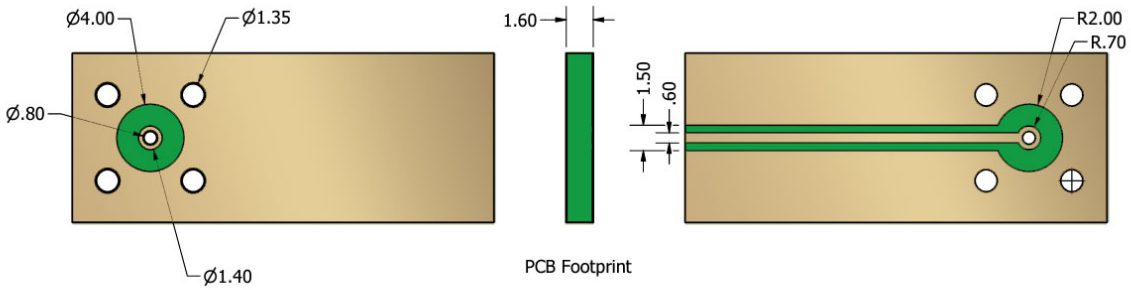
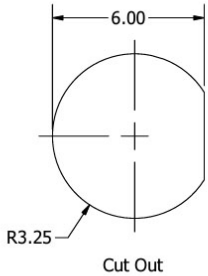
Return Loss Graph

Connector Only



PCB Layout