



**the
Xtreme
High-Speed
Xperts**

Electrical: This connector is valid for use above 3 Ghz. Testing on a double ended assembly with a short length of coax in between gave less than 2db attenuation at 3 Ghz.

The connector impedance is within 10% of 50 ohms when measured with a 150pS risetime, and the impedance is much closer to 50 ohms as the risetime gets longer.

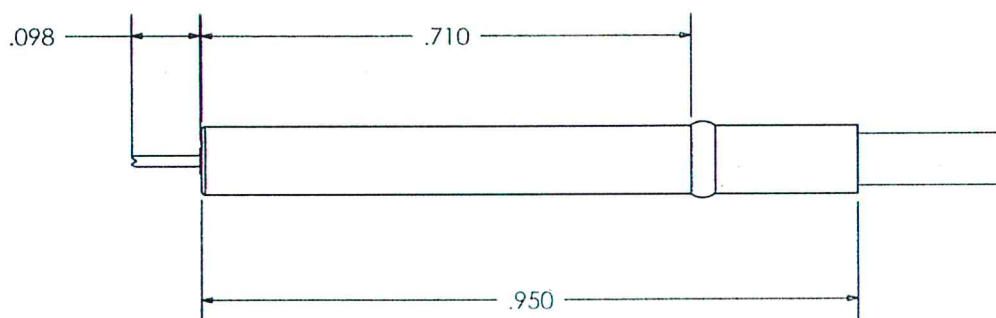
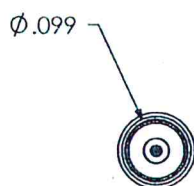
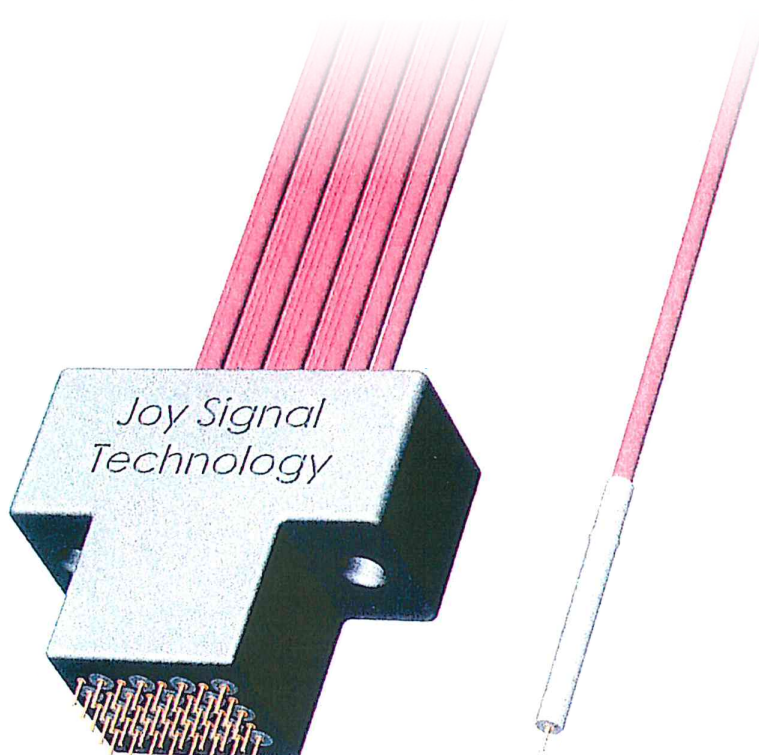
The electrical length of the connector is approximately 100pS.

It is completely shielded.

Mechanical: The outer shell is nickel silver and is intended to be pressed into metal blocks, with the customer controlling the postifion.

Ground probes are inserted in the metal block.

A grid spacing of 2mm can be achieved with ground probes alternating with the signals.



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