



Connectors: Cinch 142-0071-831  
SMA End Launch Conn.

Design Notes:

Design Parameters:	Frequency Range:	120 MHz ... 2 GHz
	Impedance:	50 Ohms
Cal Standards and Fixture:	TRL Line Length:	45 mm
	Line Phase Shift Range:	10° ... 170° over Freq. Range
	Offset Length:	15.5 mm (measured from board edge)
Grounded Coplanar Waveguide:	Center Conductor Width:	1 mm
	Gap Width:	0.2 mm
	Base Material:	1.55 mm
	Permittivity:	4.5
	Loss Tangent:	0.02
	Copper Cladding:	35 µm
	Trace Surface:	Cu

				Bearb: Hel zu Gerät	Datum: 2019-05-08	Rev: 0
					Zeichnungs-Nr.	Blatt 1/1
				<b>Dr. Mario Hellmich Salzgitter</b>	Benennung TRL Calibration Board with Test Fixture	
Rev	Änderung	Datum	Name		Schaltplan-Seite: /	