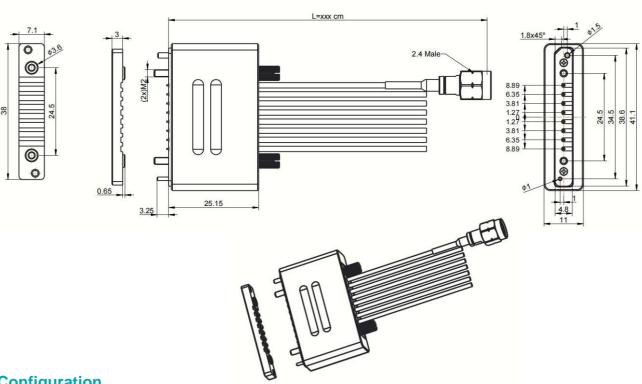
Multi-coaxial **Cable Assembly Datasheet**



RCM7-SD08-xxxS-5YA



Configuration

Connector 1 Type	SLC70 Male, acc.to Dloorplf internal interface
Connector 2 Type	2.4mm Male
Connector Body1	Aluminum Alloy/Anodizing
Connector Body2	Stainless steel (SUS303), Passivation
Cable Type	Low Loss Stable Phase
Cable Diameter	1.5mm

Electrical Characteristics

Impedance	50Ω
Frequency Range	DC to 50GHz
Return Loss	TBD
Insertion Loss	≤0.01dB/cm x Length (cm)+1.4dB, DC to 50GHz
Phase Mating	±2ps

Mechanical Properties

Mechanical Life	100 cycles
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Environment Data

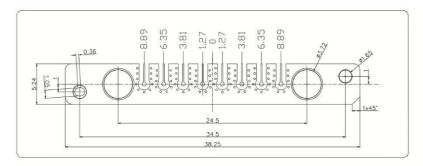
Working Temperature	-40°C to +125°C
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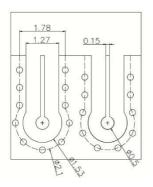
Rev A 1/2

Multi-coaxial Cable Assembly Datasheet



PCB Layout Dimensions





Notice:

The given layout is not optimized to fit all of the possible board configurations regarding RF-performance, it represents a recommendation for optimum solderability of the connector. In order to guarantee optimum high frequency properties of the connector, an RF-analysis of the connector to board translation is recommended.

Order Information

Oraci imormation	
P/N	Description
RCM7-SD08-015S-5YA	Multi-coaxial Cable Assembly, SLC70(M) breakout to 2.4(M),1x8, DC to
	50GHz, length 15cm
RCM7-SD08-030S-5YA	Multi-coaxial Cable Assembly, SLC70(M) breakout to 2.4 (M),1x8, DC to
	50GHz, length 30cm
RCM7-SD08-xxxS-5YA	Multi-coaxial Cable Assembly, SLC70(M) breakout to 2.4 (M),1x8, DC to
	50GHz, length xxx cm

2 / 2 Rev A