

Module 4 Positions for 50 Ω Coaxial Contacts Non-Magnetic

Technical data

Voltage information

Frequency range ²⁾ 0 – 1.2 GHz
 Insulation resistance > 100 GΩ

Voltage information acc. to MIL ¹⁾

Operating voltage 350V
 Test voltage 1,050V

Mechanical data

Total mating force (average) 17.8 N/module
 Total demating force (average) 15.3 N/module
 Operating temperature –40° C to +125° C
 Mating cycles min. 60,000

Materials

Insulator Thermoplast, polyester fibre-glass reinforced acc. UL-94
 Contacts Cu alloy /PTFE
 0.8 μm Au over
 2.0 μm CuSnZn



Technical details

– Crimp information see page [108](#).

¹⁾ See from page 121

²⁾ Loss levels depend on the conductor cross-section. These are available on request.



Removal tool I (angled)

Removal of already assembled contacts (including cable).
 Part number 087.170.365.000.000

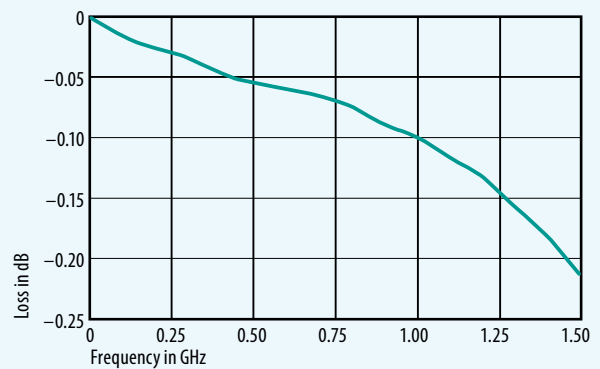


Removal tool II

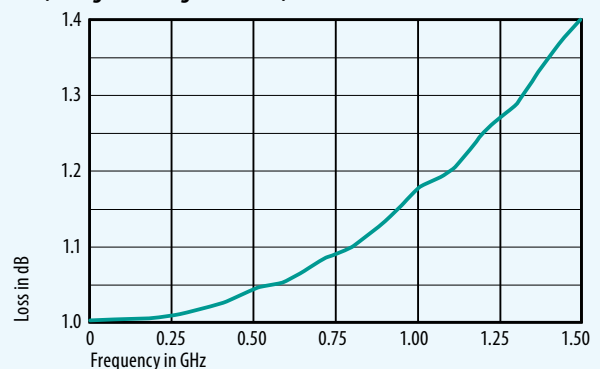
Removal of contacts that have not been assembled yet (without cable – may have to be cut off).
 Part number 087.611.001.001.000

High frequency characteristics for 50 Ω coaxial contacts ²⁾

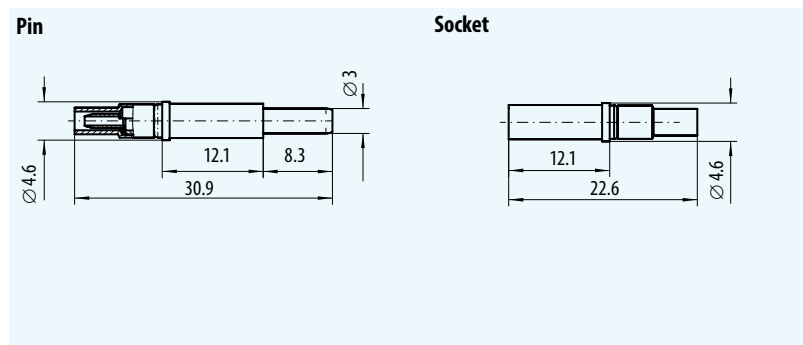
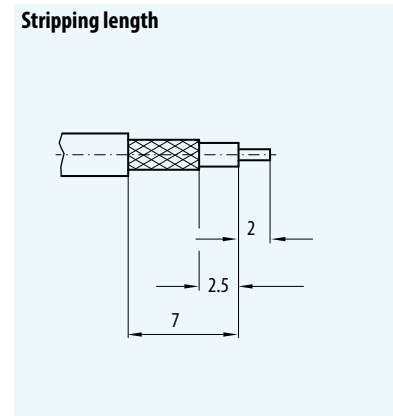
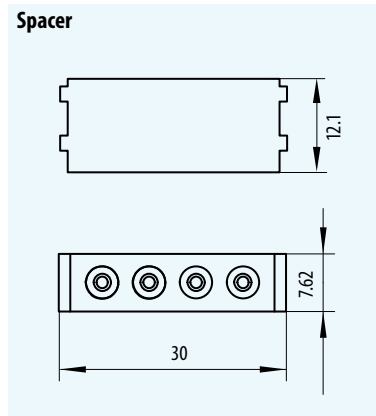
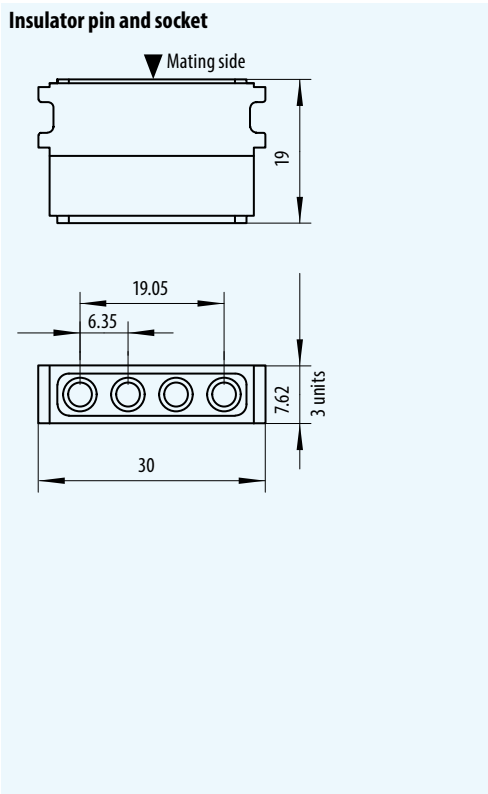
Insertion loss



VSWR (voltage standing wave ratio)



Module 4 positions for 50 Ω coaxial contacts, non-magnetic



Modules

	Part number	Characteristic impedance Ω	Cable ¹⁾	Part number crimp dies
Insulator	611.149.104.923.000			
Spacer	611.126.111.923.000			
Pin contact straight	122.120.001.257.000	50	RG 178 / RG 196	082.000.039.101.000
Pin contact straight	122.120.003.257.000		RG 174 / RG 188 / RG 316 (75 Ω: RG 179, RG 187)	082.000.039.102.000
Pin contact straight	122.120.011.257.000		G02232 (H+S)	082.000.039.103.000
Socket contact straight	122.120.002.257.000	50	RG 178, RG 196	082.000.039.101.000
Socket contact straight	122.120.004.257.000		RG 174 / RG 188 / RG 316 (75 Ω: RG 179, RG 187)	082.000.039.102.000
Socket contact straight	122.120.012.257.000		G 02232 (H+S)	082.000.039.103.000
Crimping tool for shielding sleeve	080.000.039.000.000			

¹⁾ Special lines on request