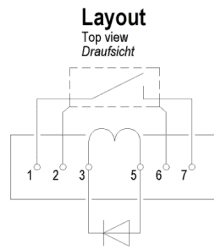
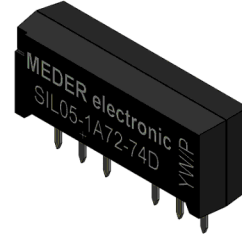


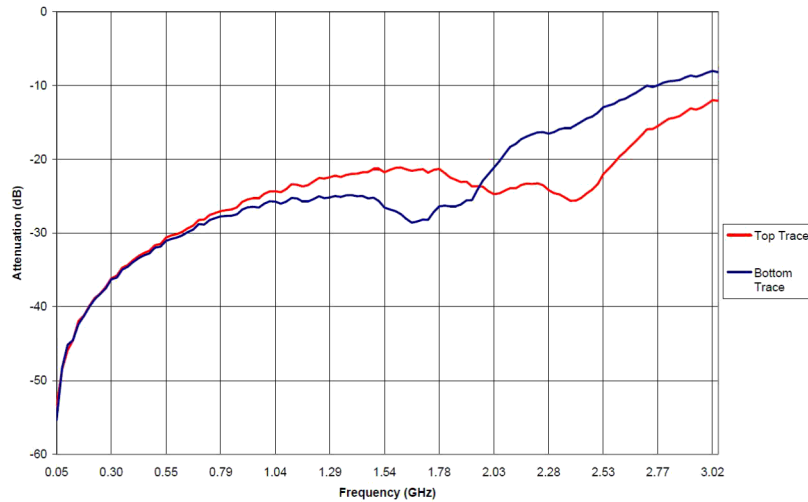
**Isometric**  
 Scale 2:1  
 Maßstab 2:1



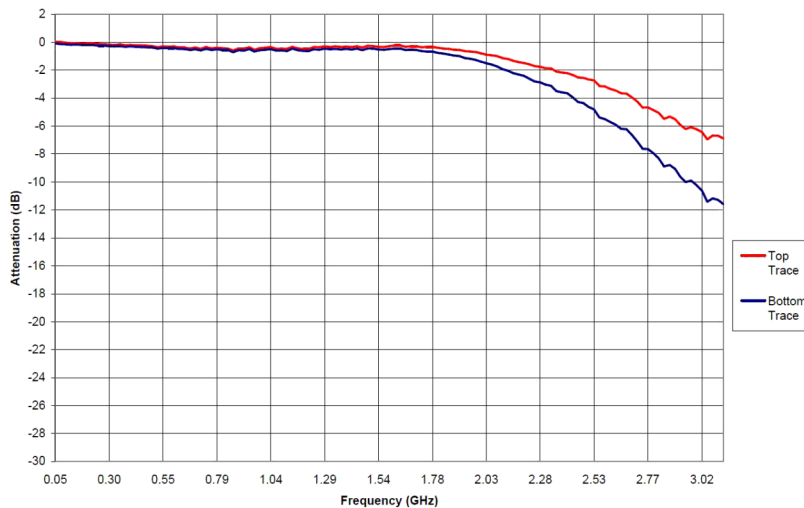
**Marking**  
 according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte



**Isolation**



**Insertion Loss**





Europe: +49 / 7731 8399 0 | Email: info@meder.com  
 USA: +1 / 508 295 0771 | Email: salesusa@meder.com  
 Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:  
**3305100174**  
 Item:  
**SIL05-1A72-74D**  
**SIL HF Relais**

*Products for tomorrow...*

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		450	500	550	Ohm
Coil voltage			5		VDC
Rated power			50		mW
Thermal resistance	max. Relay temperature = - operating temperature + self heating		109		K/W
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 87	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,4	A
Carry current	DC or Peak AC			0,5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Insulation resistance	RH <45 %, 100V - to all points	1			GOhm
Breakdown voltage	according to IEC 255-5	230			VDC
Operate time incl. bounce	measured with 40% overdrive			0,6	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	100			GOhm
Housing material		epoxy resin			
Connection pins		FeNi-alloy tin plated			
Reach / RoHS conformity		yes			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weight			1,5		g
Packaging		tube per 25 pcs.			

Modifications in the sense of technical progress are reserved

Designed at: 11.03.04    Designed by: SCHELLHORN    Approval at: 27.06.11    Approval by: CRUF  
 Last Change at: 24.06.11    Last Change by: THAUKE    Approval at:    Approval by:

Version: 2