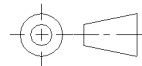
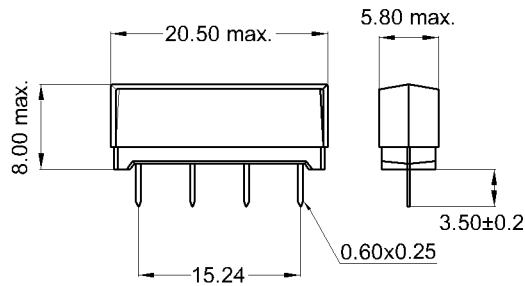
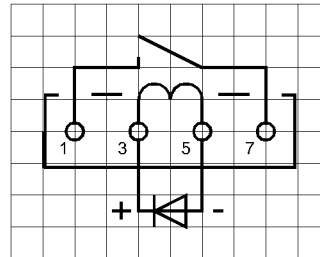


dimensions (tolerance $\pm 0,1\text{mm}$)



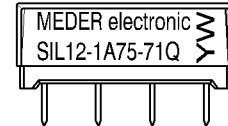
unspecified tolerances according to DIN ISO 2768 m

layout 71Q pitch 2,54 / top view



marking

Type
data-code EN 60062



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		900	1.000	1.100	Ohm
Coil voltage			12		VDC
Rated power			144		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 75	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact-material		Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<31 AT)	DC or Peak AC			500	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			200	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (20-30 AT)	according to IEC 255-5	1.000			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,4		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	100		1.000	GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	1,5			kV DC
Housing material		mineral filled epoxy			
Connection pins		FeNi alloy tin plated			

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

Modifications in the sense of technical progress are reserved

Designed at: 08.03.04 Designed by: SCHELLHORN Approval at: 31.10.08 Approval by: KOLBRICH
 Last Change at: 20.07.09 Last Change by: KSCHIELENSKI Approval at: 20.07.09 Approval by: KOLBRICH

Version: 3