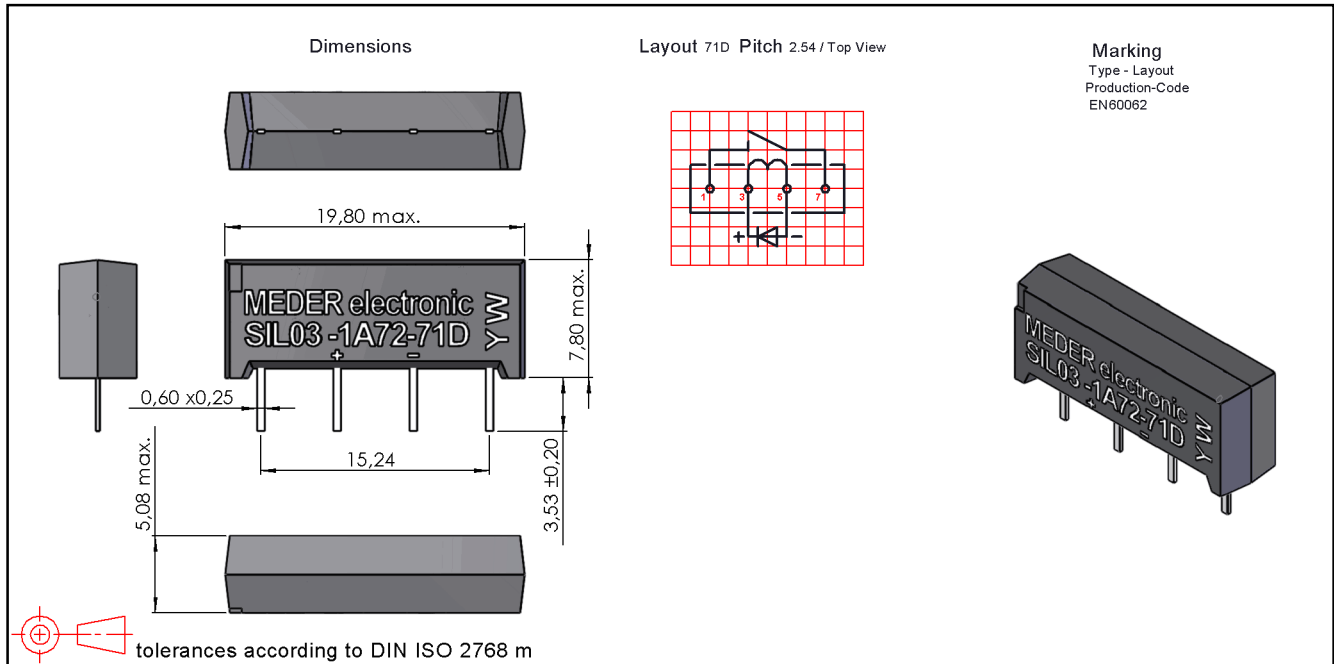


## Preliminary Datasheet



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		450	500	550	Ohm
Coil voltage			3		VDC
Rated power			18		mW
Coil current			6		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		100		K/W
Inductance			75		mH
Pull-In voltage				2,1	VDC
Drop-Out voltage		0,45			VDC

Contact data 66/3	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			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			100	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			TOhm
Breakdown voltage (< 20 AT)	according to IEC 255-5	500			VDC
Operate time incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			0,05	ms
Capacity	@ 10 kHz across open switch		0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			1		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to IEC 255-5	2			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	5			TOhm
Capacity Coil/Contact	@ 10 kHz		0,7		pF
Case colour			black		
Housing material			epoxy resin		
Connection pins			FeNi-alloy tin plated		
Magnetic Shield			no		
Approval			UL- File-No.NRNT2. E156887		
Approval			UL- File-No.NRNT8. E156887		
Reach / RoHS conformity			yes		
Remark			Polarity Diode note!		

Modifications in the sense of technical progress are reserved



*Products for tomorrow...*

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.:  
**3303172171**  
Item:  
**SIL03-1A72-71D**

## Preliminary Datasheet

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			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			1,6		g
Packaging					Stange 25 pcs.

Modifications in the sense of technical progress are reserved

Designed at: 19.08.09    Designed by: KSCHIELENSKI    Approval at: 05.11.09    Approval by: KOLBRICH  
Last Change at: 12.03.10    Last Change by: KSTOPPEL    Approval at:    Approval by:

Version: 02