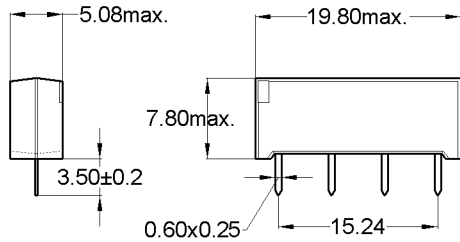
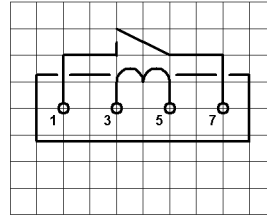


Products for tomorrow...

Dimensions

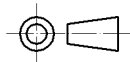
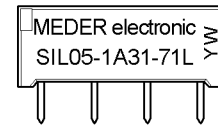


Layout 71L Pitch 2.54 / Top View



Marking

Type - Layout
 Production-Code
 EN60062



unspecified tolerances $\pm 0.1\text{mm}$
 nicht spezifizierte Toleranzen $\pm 0.1\text{mm}$

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		72	80	88	Ohm
Coil voltage			5		VDC
Rated power			312		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 31	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A up to 500V max. 50W, with 1000V max. 5W			50	W
Switching voltage	DC or Peak AC			500	V
Switching current	DC or Peak AC			2	A
Carry current	DC or Peak AC			2	A
Contact resistance static	Measured with 40% overdrive Start Value			80	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			TOhm
Breakdown voltage	according to IEC 255-5	1,5			kV DC
Operate time incl. bounce	measured with 40% overdrive			1,2	ms
Release Time	measured with no coil excitation			1	ms
Capacity	@ 10 kHz across open switch		0,3		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	1			TOhm
Case colour				black	
Housing material				epoxy resin	
Connection pins				FeNi-alloy tin plated	
Reach / RoHS conformity				no	
Approval				UL File No. NRNT2.E156887	
Approval				UL File No. NRNT8.E156887	

Modifications in the sense of technical progress are reserved

Designed at: 11.09.07 Designed by: THAUKE
 Last Change at: 20.07.10 Last Change by: WKOVACS

Approval at: 11.09.07 Approval by: JHEYDER
 Approval at: 05.01.11 Approval by: CRUF

Version: 05



Products for tomorrow...

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Item No.:
3305131071
Item:
SIL05-1A31-71L

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				plastic tube 25 pcs./ each	

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Last Change at: 20.07.10 Last Change by: WKOVACS

Approval at: 11.09.07 Approval by: JHEYDER
Approval at: 05.01.11 Approval by: CRUF

Version: 05