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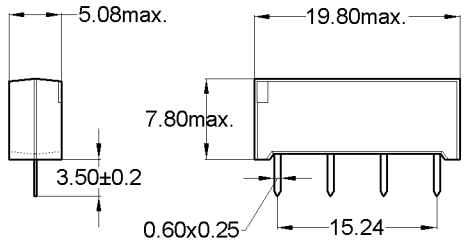
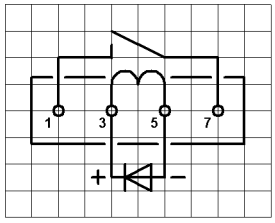
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:
3305131171
Item:
SIL05-1A31-71D

Dimensions

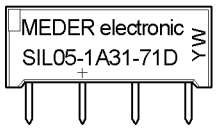


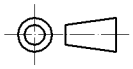
Layout 71D Pitch 2.54 / Top View



Marking

Type - Layout
Production-Code
EN60062





unspecified tolerances ± 0.1mm
nicht spezifizierte Toleranzen ± 0.1mm

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			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			3	A
Contact resistance static	Measured with 40% overdrive Start Value			80	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			TOhm
Breakdown voltage	according to IEC 255-5	2.000			VDC
Operate time incl. bounce	measured with 40% overdrive		0,5	1,2	ms
Release Time	measured with no coil excitation			1	ms
Capacity	@ 10 kHz		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 100 V test voltage	1.000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	2			kV DC
Housing material		epoxy resin			
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		55	°C
Storage temperature		-35		95	°C
Soldering temperature	max. 5 sec			260	°C
Cleaning		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Remarks		On Matrix Applications test the conditions! (Rth)			