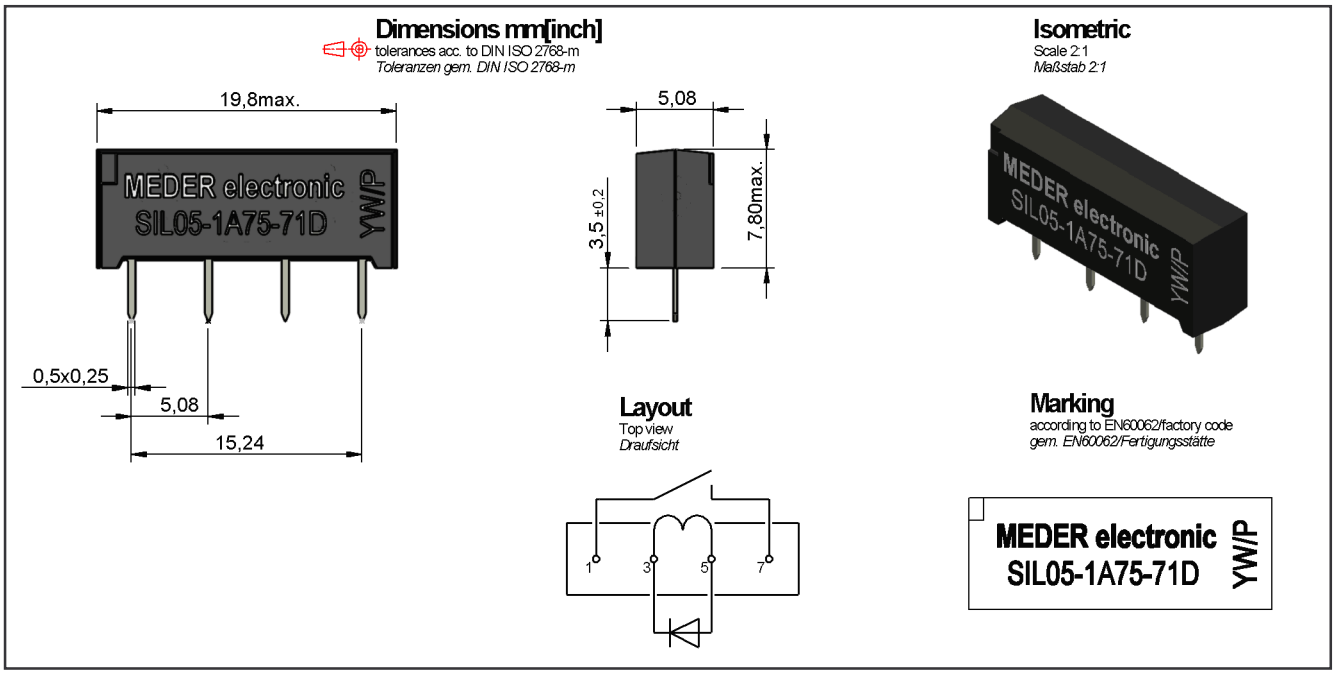
Europe: +49 / 7731 8399 0 | Email: info@standexmeder.com
USA: +1 / 508 295 0771 | Email: salesusa@standexmeder.com
Asia: +852 / 2955 1682 | Email: salesasia@standexmeder.com

Item No.:
3305175171
Item:
SIL05-1A75-71D



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		180	200	220	Ohm
Coil voltage			5		VDC
Rated power			125		mW
Coil current			25		mA
Thermal resistance			92		K/W
Inductance			27		mH
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 75	Conditions	Min	Typ	Max	Unit
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 EN 60255-5	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
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC Measuring Voltage	1			TOhm
Capacity Coil/Contact	@ 10 kHz		0,7		pF
Housing material		epoxy resin			
Connection pins		CuFe tin plated			
Approval		UL-File Nr. NRNT2.E156887 / NRNT8.E156887			
Reach / RoHS conformity		yes			

Environmental data	Conditions	Min	Typ	Max	Unit

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

Item No.:
3305175171
Item:
SIL05-1A75-71D

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			