



*Products for tomorrow...*

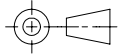
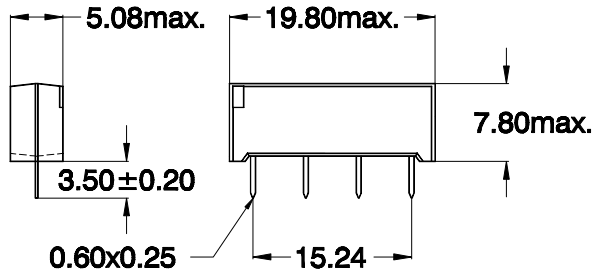
Headquarter Europe  
 MEDER electronic AG  
 Friedrich-List Strasse 6  
 D-78234 Engen-Welschingen  
 Tel.: +49(0)7733-9487-0  
 Fax: +49(0)7733-9487-32  
 eMail: [info@meder.com](mailto:info@meder.com)  
 Internet: [www.meder.com](http://www.meder.com)

Headquarter USA  
 MEDER electronic Inc.  
 766 Falmouth Rd  
 Mashpee, MA 02649  
 Phone: +1/ 508-539-0002  
 Fax: +1/ 508-539-4088  
 eMail: [salesusa@meder.com](mailto:salesusa@meder.com)

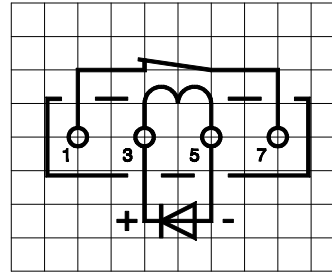
Reed Relay: SIL05-1B72-71D

Part Number: 3305072171

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

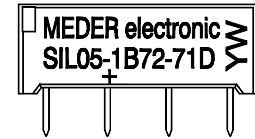


**Layout** 71D/ Pitch 2,54 / Top View



**Marking**

Type -Layout  
 Production -Code-  
 EN60062



Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		450	500	550	$\Omega$
Nominal Voltage			5,0		VDC
Nominal Rated Power			50		mW
Thermal Resistance			110		K / W
Operate Voltage				3,5	VDC
Release Voltage		0,75			VDC
Return Voltage		6,5			VDC

Contact Data x (Form x/Dry)				
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			15 W
Switching Voltage	DC or Peak AC			200 V
Switching Current	DC or Peak AC			1,0 A
Carry Current	DC or Peak AC			1,25 A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150 m $\Omega$
Insulation Resistance	RH 45%	$10^{10}$		$\Omega$
Breakdown Voltage		250		VDC
Operate Time, including Bounce	Measured with Nominal Voltage			0,5 ms
Release Time	Measured with no coil suppression			0,1 ms
Capacitance			0,3	pF

Environmental Data				
Insulation Resistance Coil to Contact	RH 45%	$10^{11}$		$\Omega$
Dielectric Strength Coil to Contact		1,5		kV AC
Shock	$\frac{1}{2}$ sine wave, duration 11ms			150 g
Vibration	from 10 - 2000 Hz			10 g
Operating Temperature	10°C/min max. allowable	-20		70 °C
Storage Temperature	10°C/min max. allowable	-35		95 °C
Soldering Temperature	5 sec. at			260 °C
Cleaning				fully sealed
Material of Case				mineral-filled epoxy
Material of Pins				FeNi-alloy tinned