



*Products for tomorrow...*

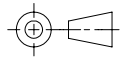
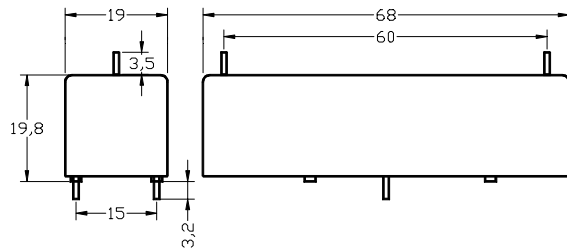
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Reed Relay: HM12-1B83-26

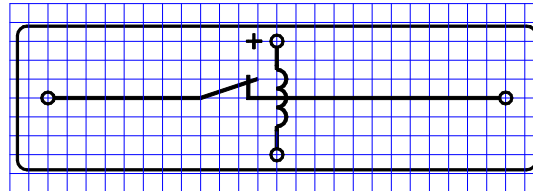
Part Number: 8412583026

**Dimensions (mm)**



Pins:  $\varnothing$  0,8 mm / L 3,2 ± 0,3 mm

**Layout / Pitch 2,5 mm / Top View**



**Marking**

MEDER-Label  
 Type  
 Layout  
 Production-  
 Code-  
 EN60062  
 /Factory Code

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		225	250	275	$\Omega$
Nominal Voltage			12	16	VDC
Nominal Rated Power			576		mW
Thermal Resistance			24		K / W
Operate Voltage				9	VDC
Release Voltage		1			VDC

Contact Data 83 (Form B/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			50	W
Switching Voltage	DC or Peak AC			7500	V
Switching Current	DC or Peak AC			3	A
Carry Current	DC or Peak AC			5	A
Static Contact Resistance (initial)	Measured with Nominal Voltage			150	m $\Omega$
Insulation Resistance	RH 45%	10 <sup>10</sup>			$\Omega$
Breakdown Voltage		10.000			VDC
Operate Time, including Bounce	Measured with Nominal Voltage			3,0	ms
Release Time	Measured with no coil suppression			1,5	ms
Capacitance			0,6		pF

Environmental Data					
Insulation Resistance Coil to Contact	RH 45%	10 <sup>12</sup>			$\Omega$
Dielectric Strength Coil to Contact		10			kV DC
Shock	½ sine wave, duration 11ms			50	g
Vibration	at 800 Hz			20	g
Operating Temperature	10°C/min max. allowable	-20		70	°C
Storage Temperature	10°C/min max. allowable	-35		105	°C
Soldering Temperature	5 sec. at			260	°C
Cleaning				fully sealed	
Material of Case				Plastics / Polycarbonat	
Sealing Compound				Polyurethan	
Material of Pins				Cu-alloy tinned	
Remarks	High Voltage Reed Relay for PCB Mounting. 26 = PIN OUT Index ( Coil = PCB Mounting, Contact = on top ) Form B = normally closed contact. Coil polarity must be observed.				

Customer / Customer part number	Standard Part
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