

PMC-1001

Standard Reed Switch



Parameter @25°C	Symbol	Value			Unit
		min.	typ.	max.	

Electrical Characteristics

Contact Form	-		A		
Contact Rating	P _S			10 / 10	W / VA
Switching Voltage	U _S			180 / 130	VDC / VAC
Breakdown Voltage	U _{bd}	200			VDC
Switching Current	I _S			700	mA
Carry Current	I _c			1000	mA
Static contact resistance (initial)	CR _S			150	mΩ
Insulation Resistance	R _i	10 ⁹			Ω
Capacitance typ.	C		0.5		pF

Environmental Characteristics

Vibration (50-2000 Hz)				20	g
Shock (1/2 sin 11 ms)				100	g
Operating Temperature	T _{op}	-40		+125	°C

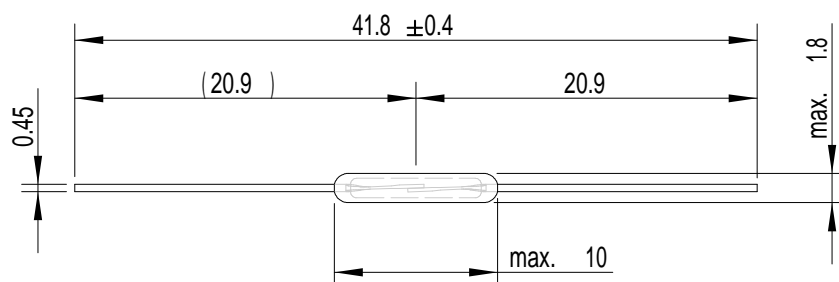
Magnetical Characteristics (of unmodified switch)

Pull in range available	PI	10		35	AT
Drop out	DO	4			AT
Test coil	-		TC-010		-

Mechanical Characteristics

Operate Time (incl. bounce)	t _{op}			0.5	ms
Release Time	t _{rel}			0.3	ms
Switching frequency	f _S			500	Hz
Resonant frequency	f _R		5000		Hz
Life Time (@130VAC / 7W)			50 Mio.		cycles
Contact Material	-		Ru		

Dimensions



all dimensions in mm