ORDER INFORMATION

Part Number Example

MK17 - B - 1

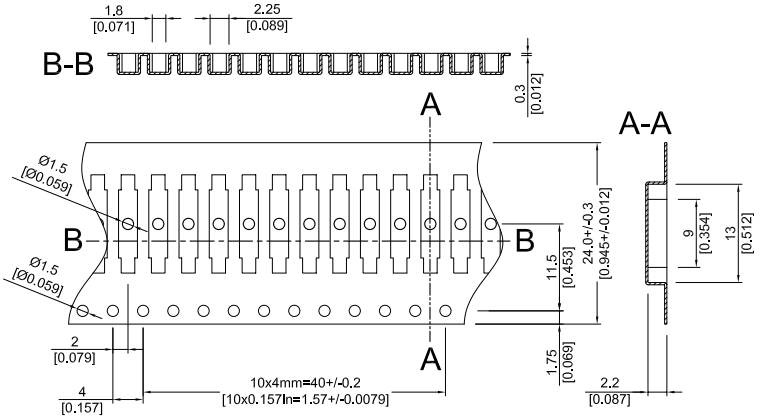
B is the magnetic sensitivity
1 is the lead design

Series	Magnetic Sensitivity	Lead Design
MK17 -	**x -**	**x**
Options	B, C, D, E	1, 2, 3

MAGNETIC SENSITIVITY

Sensitivity class	Pull In AT Range
B	10 - 15
C	15 - 20
D	20 - 25
E	25 - 30

TAPE & REEL



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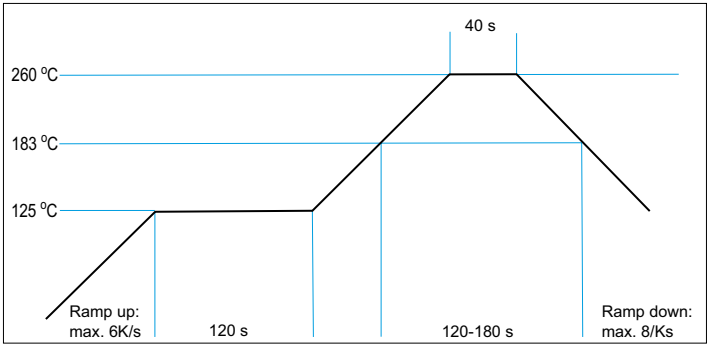
SOLDERING INFORMATION

reflow soldering conditions according JEDEC norm J-STD-020C



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CONTACT DATA

All Data at 20° C	Contact Form →	Form A			
Contact Ratings	**Conditions**	**Min.**	**Typ.**	**Max.**	**Units**
Switching Power	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching Voltage	DC or peak AC			100	V
Switching Current	DC or peak AC			0.5	A
Carry Current	DC or peak AC			0.5	A
Static Contact Resistance	w/ 0.5 V & 10 mA			200	mΩ
Dynamic Contact Resistance	Measured w/ 0.5 V & 50 mA , 1.5 ms after closure			250	mΩ
Insulation Resistance across Contacts	100 volts applied	10^9			Ω
Breakdown Voltage across Contact	Voltage applied for 60 sec. min.	210			VDC
Operate Time incl. Bounce	Measured w/ 100 % overdrive			0.6	ms
Release Time	Measured w/ no coil suppression			0.1	ms
Capacitance	at 10 kHz cross contact		0.2		pF
Contact Operation *					
Must Operate Condition	Steady state field	10		30	AT
Must Release Condition	Steady state field	4		18	AT
Environmental Data					
Shock Resistance	1/2 sinus wave duration 11 ms			30	g
Vibration Resistance	From 10 - 2000 Hz			20	g
Ambient Temperature	10°C/ minute max. allowable	-40		130	°C
Stock Temperature	10°C/ minute max. allowable	-50		130	°C
Soldering Temperature	5 sec. dwell			260	°C

Please note: The indicated electrical data are maximum values and can vary downwards when using a more sensitive switch.
* These ranges refer to the uncut / unmodified Reed Switches described in our Reed Switch section. Consult factory if more detail is required.

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