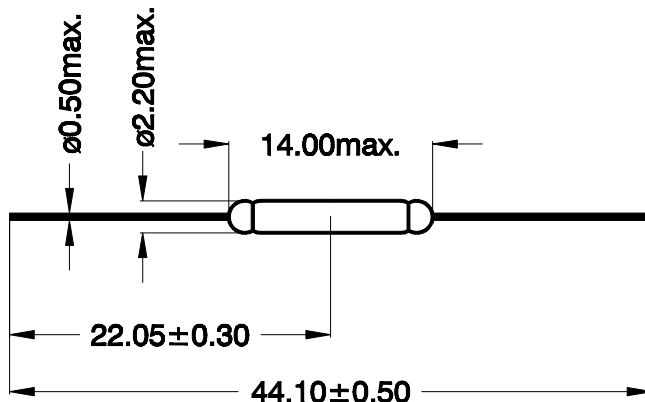
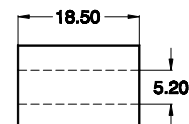


dimensions (tolerance $\pm 0,1\text{mm}$)

test coil KMS-01



number of turns 5000
copper wire \varnothing 0,08 mm
coil resistance 400 Ω



contact data 66 (FormA/Dry)	conditions	Min.	Typ.	Max.	unit
pull-in energization contact unmodified	measuring ramp 10 mA / s	20		30	AT
pull-in energization contact modified	measuring ramp 10 mA / s	-		-	AT
contact material		Rhodium			
rated power	each combination of the switching voltage and current must not exceed the given rated power			10	VA
switching voltage				200	VDC
switching current				0,5	A
carry current				1,5	A
static contact resistance	measured with $1,4 \times AT_{\text{pull-in}}$			150	m Ω
insulation resistance	RH Ω 45%	10^9			Ω
breakdown voltage		240			VDC
resonant frequency			5000		Hz
operate time incl. bounce	measured with $1,4 \times AT_{\text{pull-in}}$		0,5		ms
release time			0,1		ms
capacitance	without test coil			0,3	pF
shock	$\frac{1}{2}$ sine wave, duration 11ms			30	g
vibration	10 – 1000Hz			20	g
soldering temperature	4 sec. at			350	$^{\circ}\text{C}$
operating temperature		-40		125	$^{\circ}\text{C}$
storing temperature		-40		125	$^{\circ}\text{C}$

Modification of Reed Switches

Cutting the leads causes higher pull-in and drop-out values.

