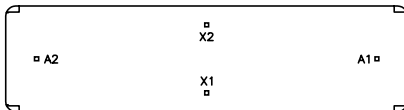
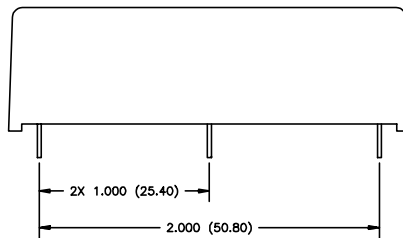
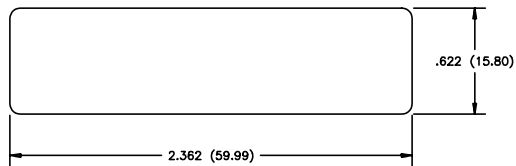
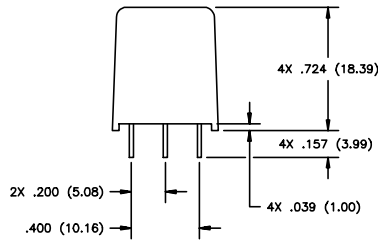
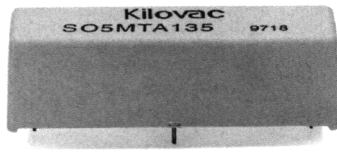


**Kilovac S05MTA** Make & Break Load Switching



**Features:**

- Smallest 15 kV PC mount relay
- Vacuum dielectric for power switching low current loads
- SPST normally open contacts
- Very high service life

1. Overall dimensions are all maximums.
2. Dimensions in parentheses are in millimeters.
3. Pin dimensions tolerances are as follows:  
Lengths: +/- .04 (1.0)  
Spacing: +/- .006 (15)
4. Pins are .025 (0.6) square.

**PRODUCT SPECIFICATIONS**

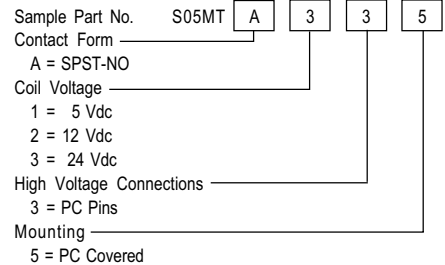
Part Number	Unit	S05MTA
Contact Arrangement .....		SPST-NO
Contact Form .....		A
Voltage Ratings Between Contacts .....	Volts	15000
Current Carry @ DC .....	Amps	5
Load Switching .....		See Chart Below
Contact Resistance .....	mOhms	250
Operate/Release Time .....	ms	3/2
Shock, 11 ms 1/2 Sine (Peak) .....	G	100
Vibration .....	G's Peak	20
.....	Hz	10 to 500
Temperature Range .....	°C	
Operating .....		-20 to +70
Storage .....		-35 to +125
Initial Insulation Resistance .....	GigaOhms	10
Mechanical Life/Rated Load .....	Cycles	100 Million
Weight, nominal .....	oz.	1

**COIL DATA**

Nominal, Volts dc	5	12	24
Pickup, Volts dc, Maximum	3.7	9	20
Drop-Out, Volts dc	1.25	1.25	4
Coil Resistance	16	150	780

Ratings listed are for 25 C, sea level

**PART NUMBER SELECTION**



Load Switching		Life in Cycles
Voltage	Current	
110 Vac	0.5 Amps	1,000,000
120 Vac	1.0 Amps	200,000
1000 Vac	200 mAmps	100,000
5000 Vac	83 mAmps	1,000