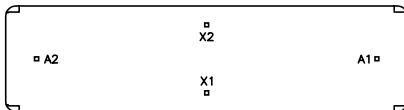
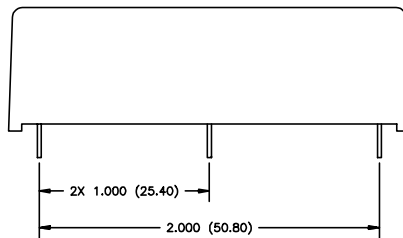
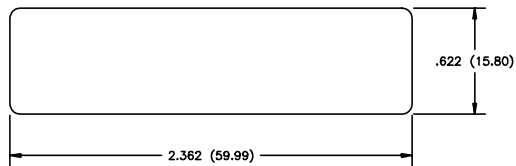
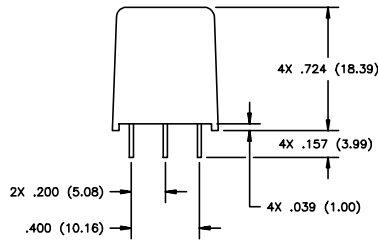
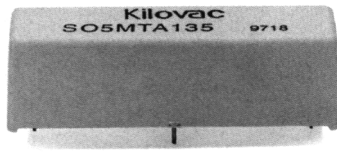


Kilovac S05MTA Make & Break Load Switching



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

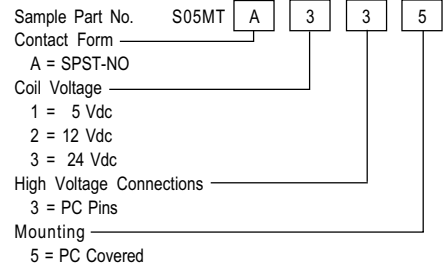
Part Number	Unit	S05MTA
Contact Arrangement		SPST-NO
Contact Form		A
Voltage Ratings Between Contacts	Volts	15000
Current Carry @ DC	Amps	5
Load Switching		See Chart Below
Contact Resistance	mOhms	250
Operate/Release Time	ms	3/2
Shock, 11 ms 1/2 Sine (Peak)	G	100
Vibration	G's Peak	20
.....	Hz	10 to 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