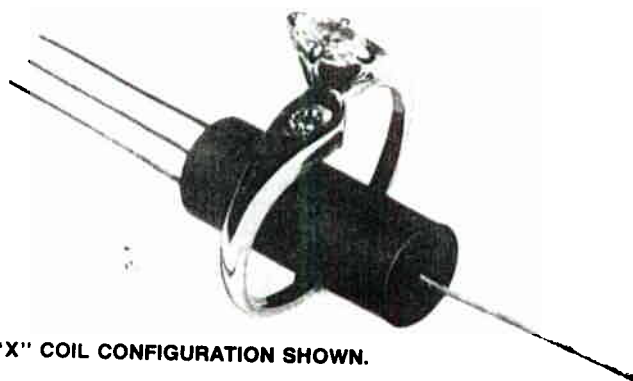




ELECTRONIC APPLICATIONS COMPANY

SERIES 10



"X" COIL CONFIGURATION SHOWN.

Series 10 offers many unique design application advantages. Its unique package design manufactured using materials traceable to UL 94V-0 ratings coupled with its economical price make this relay far superior to competitive relays.

EAC's systems, procedures and controls meet MIL-Q-9858-A, and have been approved by major electronic companies and governmental agencies. Extensive equipment is available for on-line production testing of all reed relays. Quality Control procedures meet all requirements and parameters of MIL-I-45208A.

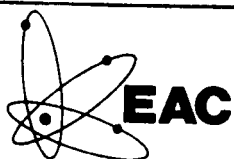
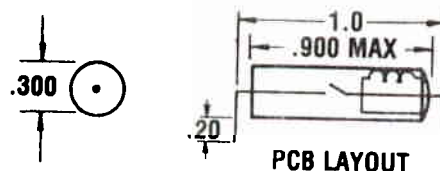
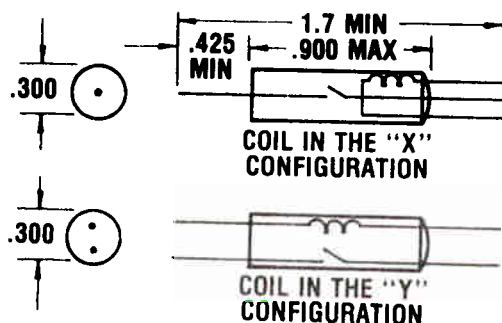
Series 10 relay family consists of 3 distinct relay types: the RX-2 for dry circuit switching, the Black Beauty for 3 to 20 watt switching, the Power-Max for 10 to 50 watt switching.

CONTACT RATINGS (@ 20°C)

	(R) RX-2*	(B) BLACK BEAUTY	(P) POWER MAX
Voltage (Max. Switching)	200 VDC	250 VDC	300 VDC
Current (Max. Switching)	.5 amp	1 amp	2 amps
Power (Max. Switching)	5 Watts	20 Watts	50 Watts
Current (Max. Carry)	1 amp	2 amps	2 amps
Capacitance (Typical)	.2 PF	.2 PF	.2 PF
Contact Resistance (Typical)	.100 ohms	.100 ohms	.100 ohms
Operate Time (Typical)	.5 MS	.5 MS	.5 MS
Release Time (Typical)	.25 MS	.25 MS	.25 MS
Temperature	-55 to +85°C	-55 to +85°C	-55 to +85°C
Shock	200 G at 11 MS duration	200 G at 11 MS duration	200 G at 11 MS duration
Vibration	50 G at 0-2000 Hz	50 G at 0-2000 Hz	10 G at 0-2000 Hz
Insulation Resistance	10 to the 10th ohms min at RT	10 to the 10th ohms min at RT	10 to the 10th ohms min at RT

PHYSICAL LAYOUT

Series 10 relays are constructed using 94V-0 bobbins and tubes. Reuthenium or rhodium contacts are used exclusively depending on the wattage requirements. Lead wires (.022 dia.) are plated with easily solderable tin for maximum solderability.



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