

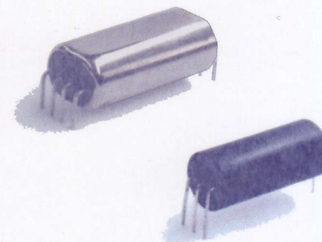
SERIES 40
REED RELAY

REED RELAYS SERIES 40

SERIES 40 RELAYS OFFER MANY UNIQUE DESIGN APPLICATION ADVANTAGES. THEIR UNIQUE PACKAGE DESIGN IS MANUFACTURED USING MATERIALS TRACEABLE TO UL 94V-0 RATINGS COUPLED WITH ITS ECONOMICAL PRICE MAKE THIS RELAY FAR SUPERIOR TO COMPETITIVE RELAYS.

USRELAYS 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-1-45208A.



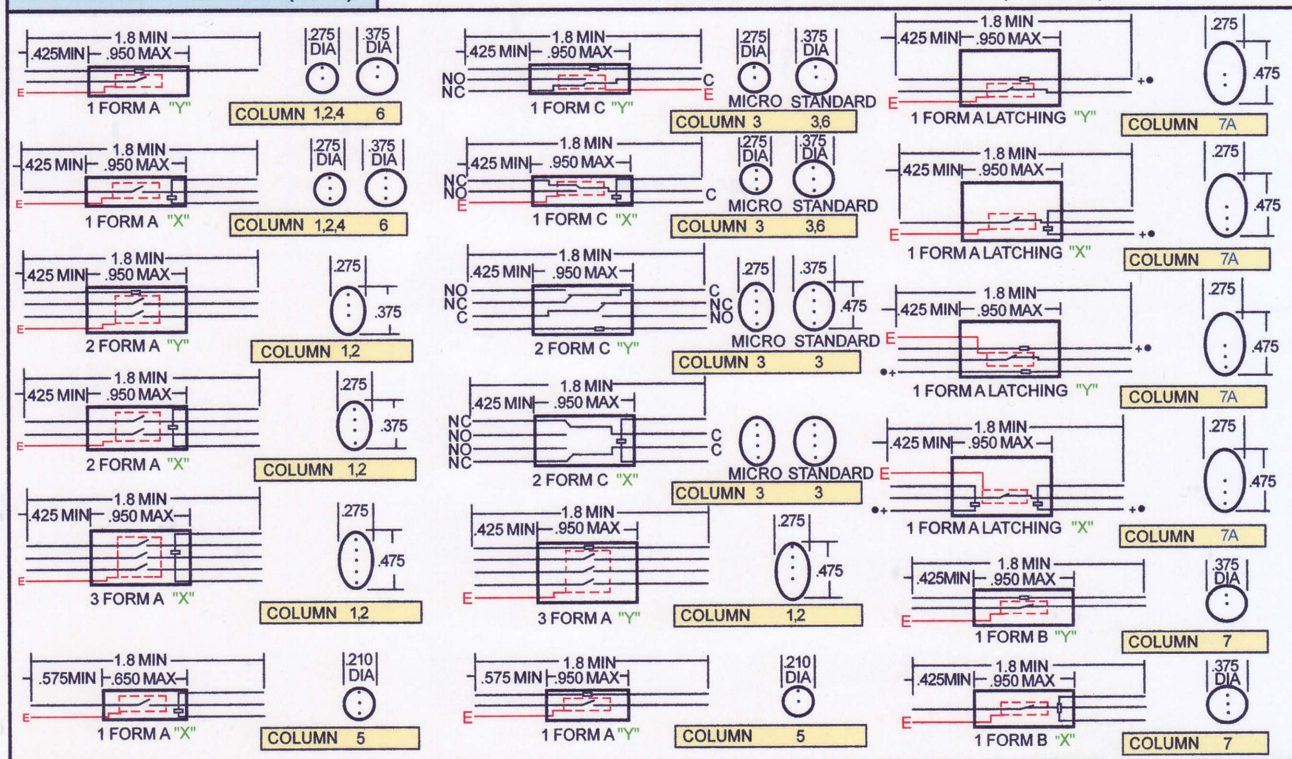
CONTACT RATINGS (RESISTIVE LOADS)

ALL RELAYS HAVE A STEEL JACKET MAGNETIC SHIELD.

COLUMN NUMBER	1	2	3	4	5	6	7	7A
PARAMETERS	1A (SPST) 2A (2PST) 3A (3PST)	1A (SPST) 2A (2PST) 3A (3PST)	1C (SODT) 2C (2PDT)	1C (SPDT) 2C (2PDT)	1A (SPST)	1A (SPST)	1A (SPST) 1C (SPDT)	1B (SPST) LATCHING (SPST)
	HI-REL	COMMERCIAL	STANDARD	MICRO	HI-VOLTAGE	ULTRA MICRO	ULTRA SENSITIVE	1 OR 2 COILS
VOLTAGE (MAX. SWITCHING)	200 VDC	200 VDC	100 VDC	1000 VDC	250 VDC	200 VDC	150 VDC	200 VDC
CURRENT (MAX. SWITCHING)	1.0 AMS	1.0 AMS	250 MA	1MA	.5 AMP	500 MA	250 MA	500 MA
POWER (MAX. SWITCHING)	30 WATTS	20 WATTS	5 WATTS	25 WATTS	10 WATTS	10 WATTS	4 WATTS	10 WATTS
CURRENT (MAX. CARRY)	2.0 AMP	2.0 AMP	1.0 AMP	2.0 AMP	1.0 AMP	1.0 AMP	1.0 AMP	1.0 AMPS
CAPACITANCE (TYP.)	.2 PF	.2 PF	.8 MS	.2 MS	.2 MS	.2 PF	.2 PF	.2 PF
CONTACT RESISTANCE (TYP.)	.100 OHMS	.100 OHMS	.100 OHMS	.100 OHMS	.100 OHMS	.100 OHMS	.100 OHMS	.100 OHMS
OPERATE TIME (TYP.)	.5 MS	.5 MS	.5 MS	.5 MS	.5 MS	.5 MS	.5 MS	.5 MS
RELEASE TIME (TYP.)	.25 MS	.25 MS	.25 MS	.25 MS	.25 MS	.25 MS	.25 MS	.25 MS
TEMPERATURE (-55°C TO +85°C)								
SHOCK	200G @ 11 MS	200G @ 11 MS	200G @ 11 MS	200G @ 11 MS	200G @ 11 MS	200G @ 11 MS	200G @ 11 MS	200G @ 11 MS
VIBRATION (@ 0-2000HZ)	50 G	30 G	30 G	50 G	50 G	50 G	50 G	50 G (B)
INSULATION RESISTANCE	10 ¹⁰ @ 20° C	10 ¹⁰ @ 20° C	10 ¹⁰ @ 20° C	10 ¹² @ 20° C	10 ¹⁰ @ 20° C	10 ¹⁰ @ 20° C	10 ¹⁰ @ 20° C	10 ⁹ @ 20° C 25G @ 0-1000HZ (L)

DIMENSIONS UNIT (INCH)

TERMINAL DIAMETER .022 +/- .005 (TYPICAL)



EXTENSIVE CATALOG INFORMATION ON THE INTERNET
WWW.USRELAYS.COM



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