

REVISIONS				
LTR	DESCRIPTION	DATE	DRWN	CHK'D
NC	NEW RELEASE EO-8290	4-5-89	FD	XD
C	REVISED EO-8823	4-5-90	FD	XD

CONTACT RATINGS

VOLTAGE (MAX. SWITCHING)	250 VDC
VOLTAGE (MIN. BREAKDOWN)	400 VDC
CURRENT (MAX. SWITCHING)	500 MA
CURRENT (MAX. GATING OR CARRY)	1 AMPS
POWER (RESISTIVE LOAD)	15 WATTS
CAPACITANCE (TYPICAL)	1.0 PF
CONTACT RESISTANCE (MAX. INITIAL)	.1 OHMS
OPERATE TIME (TYPICAL)	.35 MS
LIFE (LOW LOAD) OPERATIONS	750 X 10 ⁶ MIN.
LIFE (HALF LOAD) OPERATIONS	MIN.
LIFE (FULL LOAD) OPERATIONS	N/A MIN.

OPERATING CHARACTERISTICS

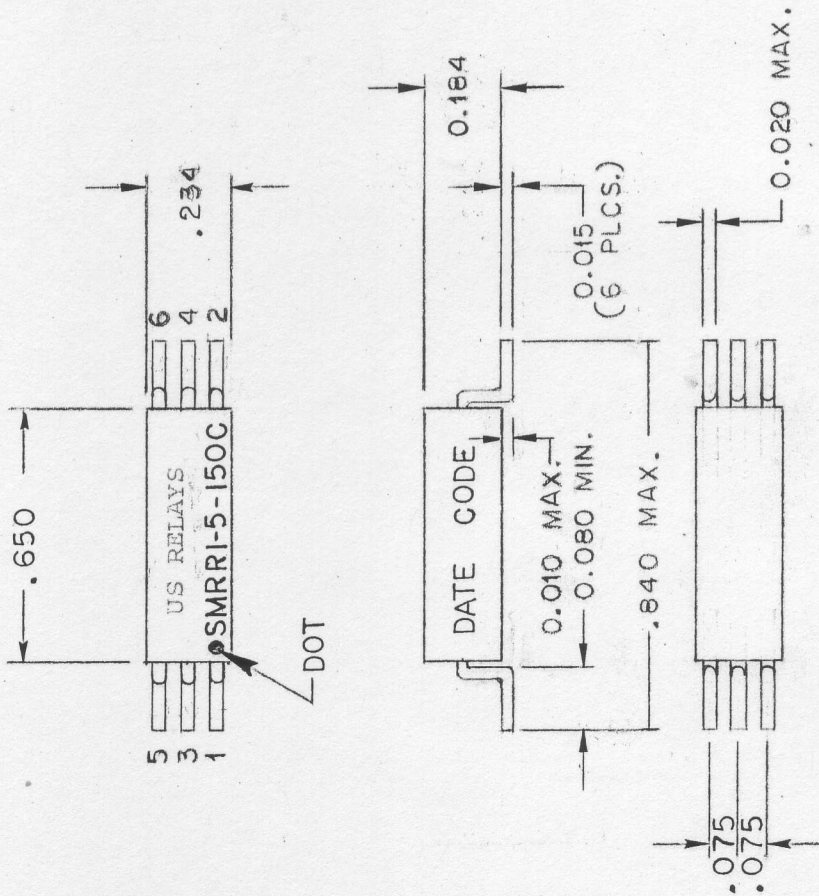
NOMINAL VOLTAGE	4.5 VDC
PICK UP VOLTAGE	3.5 VDC MAX.
DROP OUT VOLTAGE	.5 VDC MIN.
COIL RESISTANCE	150 OHMS MIN AT 20°C

GENERAL SPECIFICATIONS

OPERATING TEMPERATURE	-40°C TO +85°C
SHOCK	50G AT 11MS DURATION
INSULATION RESISTANCE (25°C)	7 X 10 ¹² OHMS MIN.
VIBRATION	20G AT 0-2000HZ

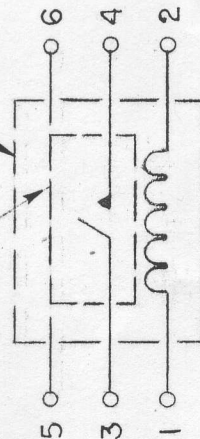
SPECIAL NOTES

DOT INDICATE #1 COIL PIN



SCHEMATIC

ELECTROSTATIC SHIELD
INTERNAL MAGNETIC SHIELD



TOP VIEW

WEIGHT	DRAWN BY FD		DATE 4-89
	CHECKED BY XD		DATE 4-89
DWG SIZE A	APPROVED BY W.S. el-j		DATE 4-89
	SCALE N/A		
SHEET NO. 1/1		DRAWING NO. SMRRI-5-150C	
CODE I.D. NO.		DRAWING TITLE REED RELAY, 1 FORM A	



REVISIONS				
LTR	DESCRIPTION	DATE	DRWN	CHK'D
NC	NEW RELEASE EO-8396	5-24-89	FD	clj
A	PER JWA	6-26-95	FD	clj

CONTACT RATINGS

VOLTAGE (MAX. SWITCHING)	200	VDC
VOLTAGE (MIN. BREAKDOWN)	250	VDC
CURRENT (MAX. SWITCHING)	500	MA
CURRENT (MAX. GATING OR CARRY)	1	AMPS
POWER (RESISTIVE LOAD)	15	WATTS
CAPACITANCE (TYPICAL)	.7	PF
CONTACT RESISTANCE (MAX. INITIAL)	.150	OHMS
OPERATE TIME (TYPICAL)	.35	MS
LIFE (LOW LOAD) OPERATIONS	500 X 10 ⁶	MIN.
LIFE (HALF LOAD) OPERATIONS	10 X 10 ⁶	MIN.
LIFE (FULL LOAD) OPERATIONS	10 X 10 ⁶	MIN.

OPERATING CHARACTERISTICS

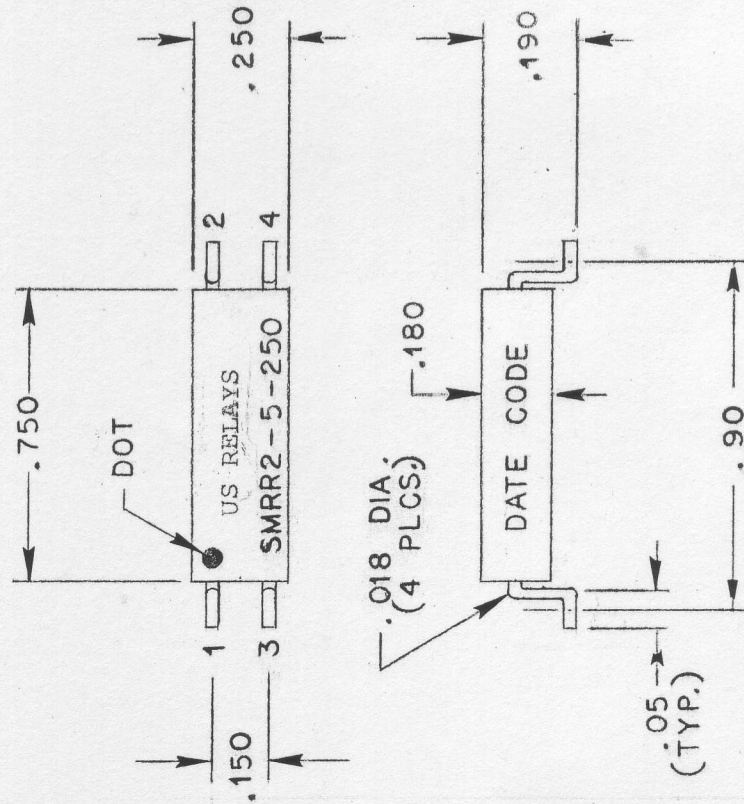
NOMINAL VOLTAGE	5	VDC
PICK UP VOLTAGE	3.75	VDC MAX.
DROP OUT VOLTAGE	4	VDC MIN.
COIL RESISTANCE	250	OHMS ± 10% AT 20°C

GENERAL SPECIFICATIONS

OPERATING TEMPERATURE	-20°C TO +70°C
SHOCK	50G AT 11MS DURATION
INSULATION RESISTANCE	10 ¹² OHMS MIN.
VIBRATION	20G AT 0-2000HZ

SPECIAL NOTES

DOT INDICATES #1 PIN COIL



SCHEMATIC



TOLERANCES UNLESS OTHERWISE NOTED		WEIGHT	US RELAYS & TECHNOLOGY 13851 ROSWELL AVENUE CHINO, CA 91710		DRAWING NO. SMRR2-5-250	
ANGULAR	$\pm 0^{\circ}30'$	DWG SIZE A	DRAWN BY FD	CHECKED BY K. P. D.	DATE 5-89	SCALE N/A
FRACTIONAL	$\pm \frac{1}{32}$		APPROVED BY W. S. clj	DATE 5-24		
DECIMAL	$\pm .030$		CODE I.D. NO.		DRAWING TITLE REED RELAY, 1 FORM A SURFACE MOUNT	
XXX	$\pm .015$		SHEET NO. 1/1			

C		REVISED	020508	FD	4
REVISIONS					
LTR	DESCRIPTION	DATE	DRWN	CHK'D	APVD
NC	NEW RELEASE EO-	4-28-89	FD	RD	clj
B	REVISED	9-19-91	FD	RD	clj

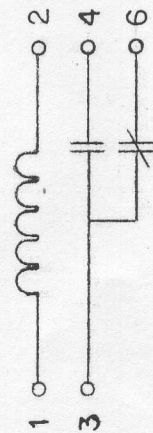
CONTACT RATINGS		
VOLTAGE (MAX. SWITCHING)	28	VDC
VOLTAGE (MIN. BREAKDOWN)	250	VDC
CURRENT (MAX. SWITCHING)	250	MA
CURRENT (MAX. GATING OR CARRY)	.5	AMPS
POWER (RESISTIVE LOAD)	3	WATTS
CAPACITANCE (TYPICAL)	.8	PF
CONTACT RESISTANCE (MAX. INITIAL)	.2	OHMS
OPERATE TIME (TYPICAL)	.5	MS
LIFE (LOW LOAD) OPERATIONS	20 X 10 ⁶	MIN.
LIFE (HALF LOAD) OPERATIONS		MIN.
LIFE (FULL LOAD) OPERATIONS	5 X 10 ⁶	MIN.

OPERATING CHARACTERISTICS	
NOMINAL VOLTAGE	5 VDC
PICK UP VOLTAGE	3.8 VDC MAX.
DROP OUT VOLTAGE	.5 VDC MIN.
COIL RESISTANCE	150 OHMS $\pm$ 10% AT 20°C

GENERAL SPECIFICATIONS	
OPERATING TEMPERATURE	-40°C TO +85°C
SHOCK	50G AT 11MS DURATION
INSULATION RESISTANCE	10 ⁹ OHMS MIN.
VIBRATION	20G AT 0-2000HZ

SPECIAL NOTES
DOT INDICATES PIN #1

WEIGHT	DRAWN BY F D		DATE 4-89
	CHECKED BY K.D. RD	DATE 4-28	
DWG SIZE A	APPROVED BY W.S. clj		DATE 4-28
	SCALE N/A		
TOLERANCES UNLESS OTHERWISE NOTED		US RELAYS & TECHNOLOGY 18651 ROSWELL AVENUE CHINO, CA 91710	
ANGULAR	$\pm$ 0°30'		
FRACTIONAL	$\pm$ 1/32		
DECIMAL	XX $\pm$.030 XXX $\pm$.015		
CODE I.D. NO.		DRAWING TITLE REED RELAY, 1 FORM C MOLDED	
SHEET NO. 1/1		DRAWING NO. SMRR3-5-150	



TOP VIEW

SCHEMATIC