

REVISIONS

LTR	DESCRIPTION	DATE	DRWN	CHK'D	APVD
NC	NEW RELEASE EO-8290	4-5-89	FD	XD	elj
C	REVISED EO-8623	4-5-90	FD	XD	elj

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

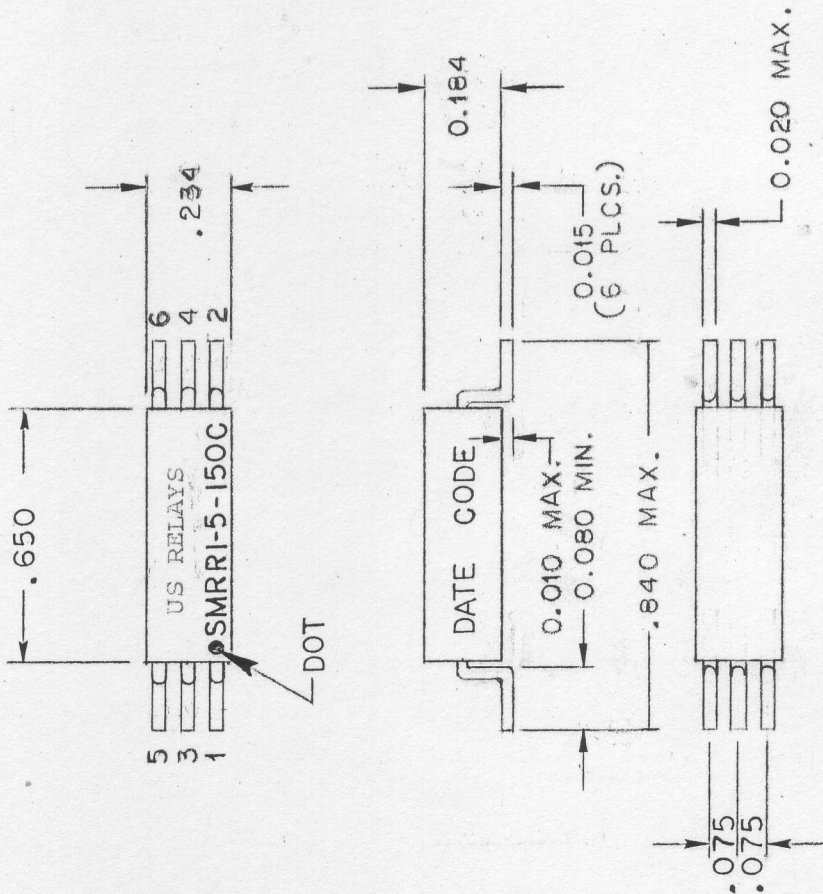
NOMINAL VOLTAGE	4.5 VDC
PICK UP VOLTAGE	3.5 VDC MAX.
DROP OUT VOLTAGE	.5 VDC MIN.
COIL RESISTANCE	150 OHMS MIN AT 20°C

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

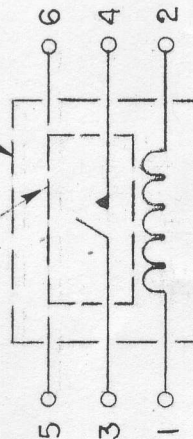
SPECIAL NOTES

DOT INDICATE #1 COIL PIN



SCHEMATIC

ELECTRO STATIC SHIELD
INTERNAL MAGNETIC SHIELD



TOP VIEW

 15851 ROSWELL AVENUE CHINO, CA 91710		DRAWN BY	DATE
		FD	4-89
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE	N/A
DRAWING TITLE		DRAWING NO.	
1/1		SMRRI-5-150C	

WEIGHT	DWG SIZE
	A
TOLERANCES UNLESS OTHERWISE NOTED	
ANGULAR	+ 0° 30'
FRACTIONAL	+ 1/32
DECIMAL	XX ± .030
	XXX ± .015
CODE I.D. NO.	

REVISIONS					
LTR	DESCRIPTION	DATE	DRWN	CHK'D	APVD
NC	NEW RELEASE EO-8396	5-24-89	FD	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		MIN.
LIFE (FULL LOAD) OPERATIONS	10 X 10 ⁶	MIN.

OPERATING CHARACTERISTICS

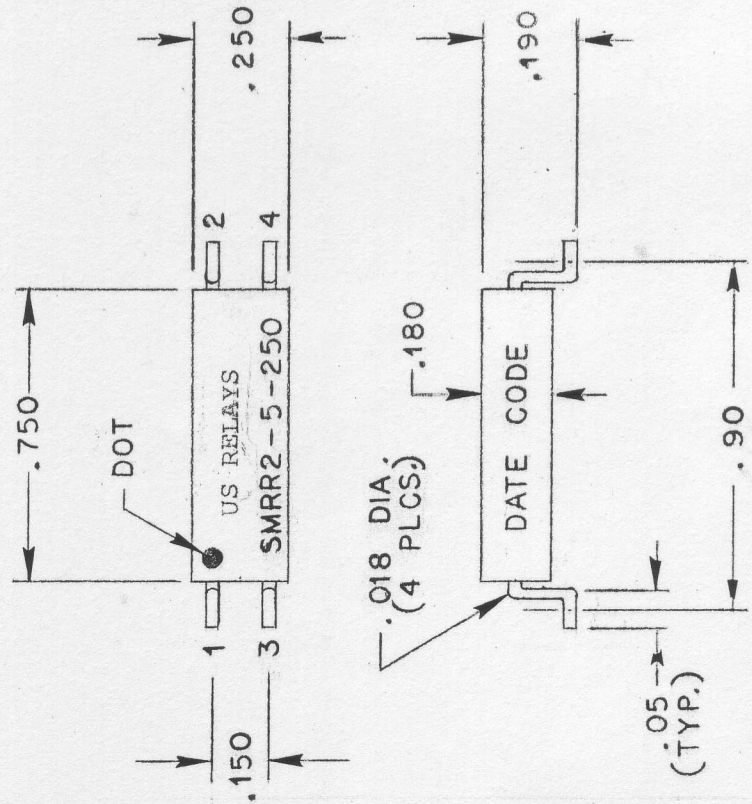
NOMINAL VOLTAGE	5	VDC
PICK UP VOLTAGE	3.75	VDC MAX.
DROP OUT VOLTAGE	4	VDC MIN.
COIL RESISTANCE	250	OHMS ± 10% AT 20°C

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



 13851 ROSWELL AVENUE CHINO, CA 91710		DRAWN BY FD	DATE 5-89
TOLERANCES UNLESS OTHERWISE NOTED ANGULAR ± 0° 30' FRACTIONAL ± 1/32 DECIMAL ± .030 XXX ± .015	DWG SIZE A	CHECKED BY X. Y. AD	DATE 5/24
CODE I.D. NO.	SHEET NO. 1/1	APPROVED BY W. S. CLJ	DATE 5-24
DRAWING TITLE REED RELAY, 1 FORM A SURFACE MOUNT		SCALE N/A	DRAWING NO. SMRR2-5-250



SCHEMATIC

TOP VIEW

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

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 ± 10% AT 20°C

GENERAL SPECIFICATIONS

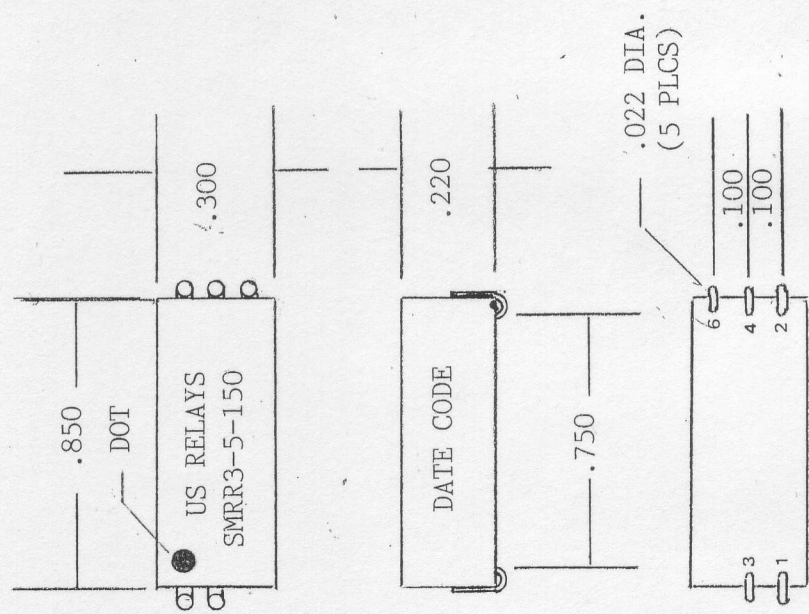
OPERATING TEMPERATURE	-40°C TO +85°C
SHOCK	50G AT 11MS DURATION
INSULATION RESISTANCE	10 ⁹ OHMS MIN.
VIBRATION	2.0G AT 0-2000HZ

SPECIAL NOTES
 DOT INDICATES PIN #1

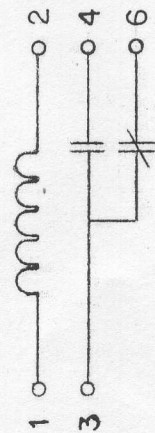
WEIGHT		DRAWN BY	FD	DATE	4-89
DWG SIZE	A	CHECKED BY	X.D.A.D	DATE	4-28
		APPROVED BY	W.S.C.H	DATE	4-28
		SCALE	N/A		
SHEET NO.	1/1	DRAWING TITLE	REED RELAY, 1 FORM C MOLDED		
CODE I.D. NO.		DRAWING NO.	SMRR3-5-150		



C REVISED 020508 FD



SCHEMATIC



TOP VIEW