

REVISIONS

LTR	DESCRIPTION	DATE	DRWN	CHK'D	APVD
NC	NEW RELEASE EO-8290	4-5-89	FD	XD	elj
C	REVISED EO-8823	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 <sup>6</sup> MIN.
LIFE (HALF LOAD) OPERATIONS	MIN.
LIFE (FULL LOAD) OPERATIONS	N/A MIN.

OPERATING CHARACTERISTICS

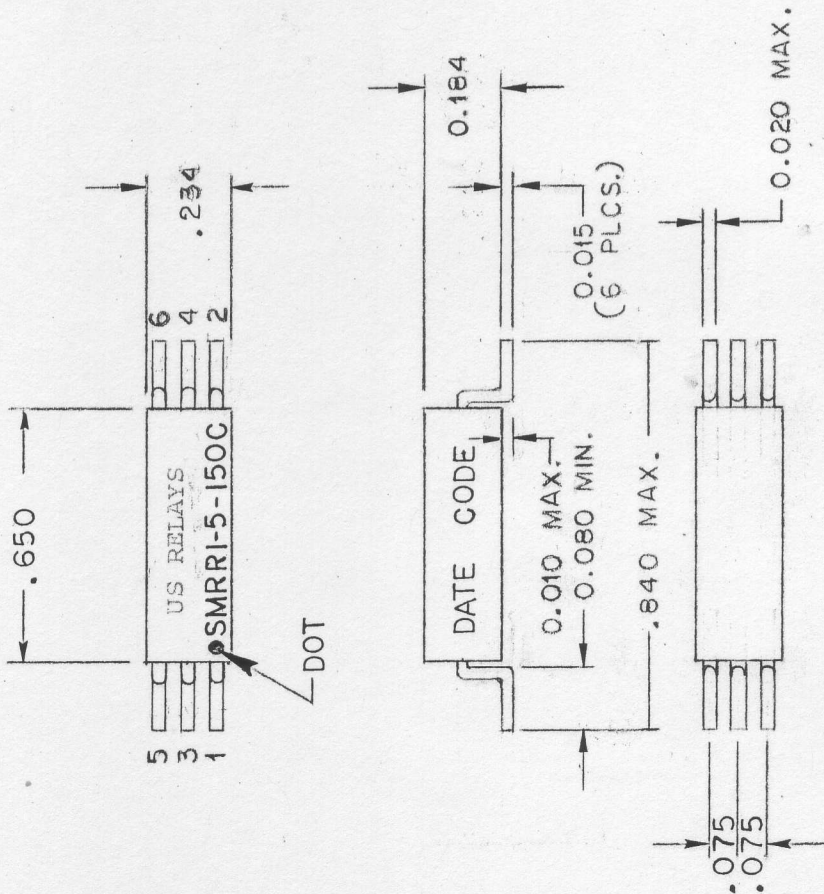
NOMINAL VOLTAGE	4.5 VDC
PICK UP VOLTAGE	3.5 VDC MAX.
DROP OUT VOLTAGE	.5 VDC MIN.
COIL RESISTANCE	150 OHMS MIN AT 20°C

GENERAL SPECIFICATIONS

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

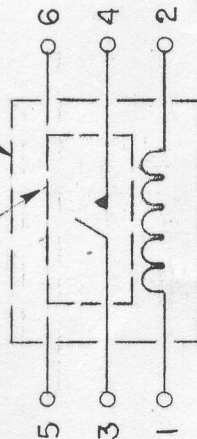
SPECIAL NOTES

DOT INDICATE #1 COIL PIN



SCHEMATIC

ELECTRO STATIC SHIELD  
INTERNAL MAGNETIC SHIELD



TOP VIEW

WEIGHT	DRAWN BY FD		DATE 4-89
DWG SIZE A	CHECKED BY [Signature]	DATE 4-6	
	APPROVED BY w.s. elj	DATE 4-6	
	SCALE N/A		
SHEET NO. 1/1	DRAWING TITLE REED RELAY, 1 FORM A		DRAWING NO. SMRRI-5-150C



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

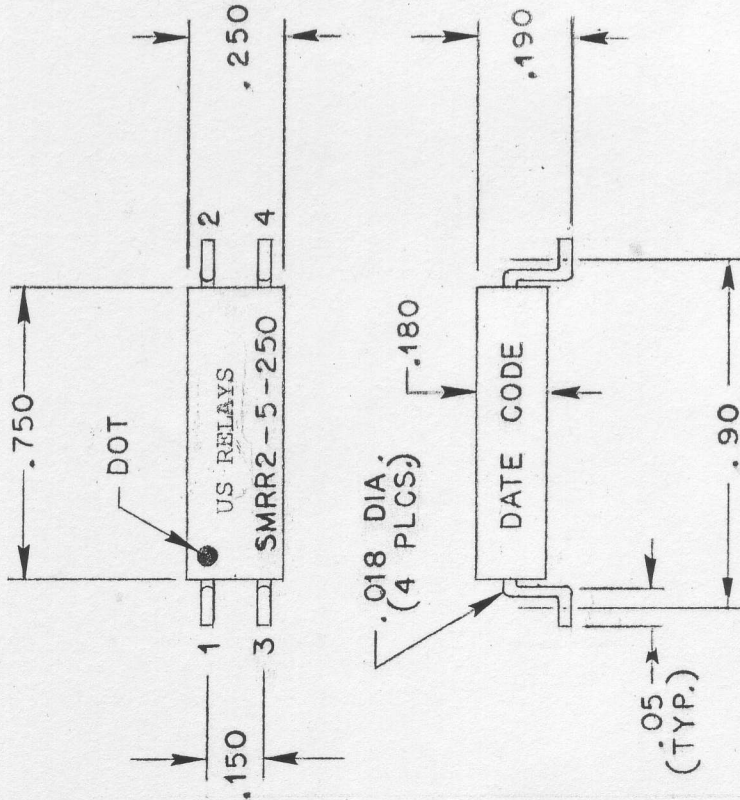
VOLTAGE (MAX. SWITCHING)	200	VDC
VOLTAGE (MIN. BREAKDOWN)	250	VDC
CURRENT (MAX. SWITCHING)	500	MA
CURRENT (MAX. GATING OR CARRY)	1	AMPS
POWER (RESISTIVE LOAD)	15	WATTS
CAPACITANCE (TYPICAL)	.7	PF
CONTACT RESISTANCE (MAX. INITIAL)	.150	OHMS
OPERATE TIME (TYPICAL)	.35	MS
LIFE (LOW LOAD) OPERATIONS	500 X 10 <sup>6</sup>	MIN.
LIFE (HALF LOAD) OPERATIONS		MIN.
LIFE (FULL LOAD) OPERATIONS	10 X 10 <sup>6</sup>	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 <sup>12</sup> OHMS MIN.
VIBRATION		20G AT 0-2000HZ

SPECIAL NOTES

DOT INDICATES #1 PIN COIL



SCHEMATIC



TOP VIEW

WEIGHT	 13851 ROSWELL AVENUE CHINO, CA 91710		DRAWN BY	DATE
	DWG SIZE	A	FD	5-89
TOLERANCES UNLESS OTHERWISE NOTED	ANGULAR ± 0° 30'	CHECKED BY	DATE	5/24
	FRACTIONAL ± 1/32	APPROVED BY	DATE	5-24
	DECIMAL ± .030	SCALE		N/A
	XXX ± .015	DRAWING NO.		SMRR2-5-250
CODE I.D. NO.				



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 <sup>6</sup> MIN.
LIFE (HALF LOAD) OPERATIONS	MIN.
LIFE (FULL LOAD) OPERATIONS	5 X 10 <sup>6</sup> 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 <sup>9</sup> OHMS MIN.
VIBRATION	2.0G AT 0-2000HZ

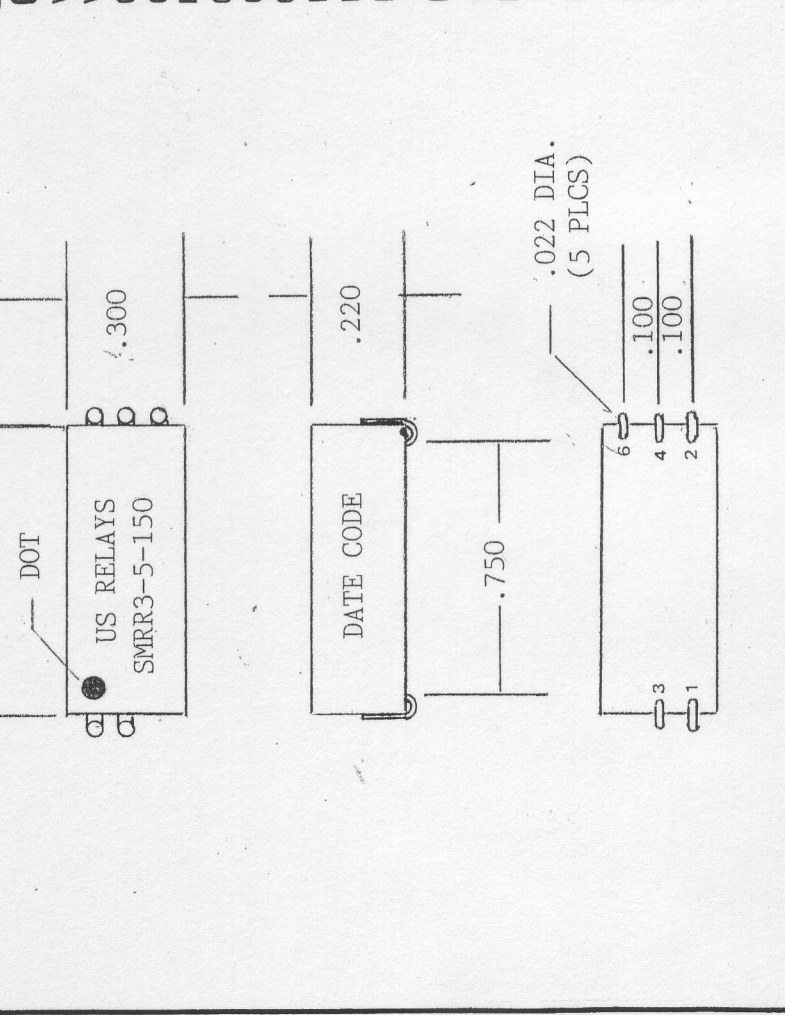
**SPECIAL NOTES**  
DOT INDICATES PIN #1

WEIGHT	DATE
	4-89
	CHECKED BY X.D. RD
	DATE 4-28
	APPROVED BY W.S. CLK
	DATE 4-28
	SCALE N/A
	DRAWING NO. SMRR3-5-150

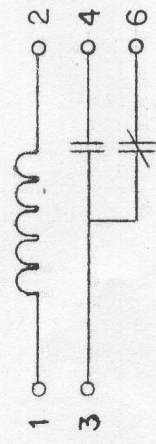


DRAWING TITLE  
REED RELAY, 1 FORM C  
MOLDED

C	REVISED	020508	FD	ckj
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SCHEMATIC



TOP VIEW

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