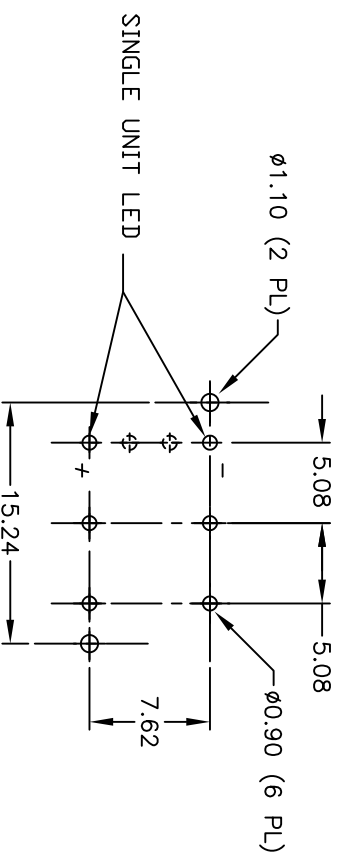
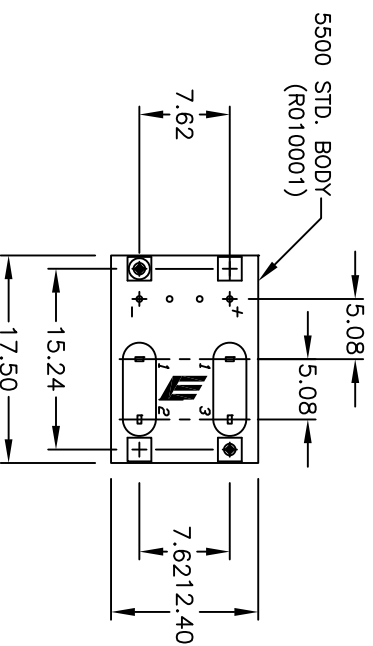
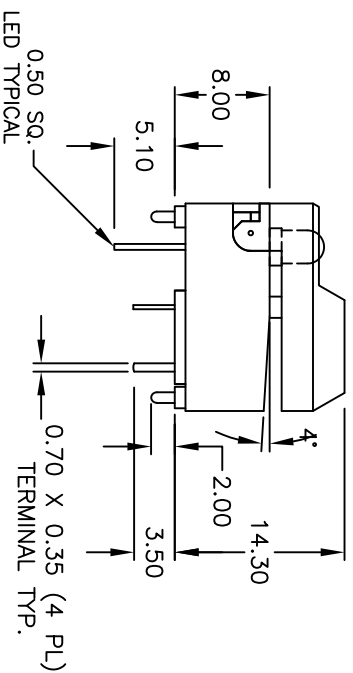
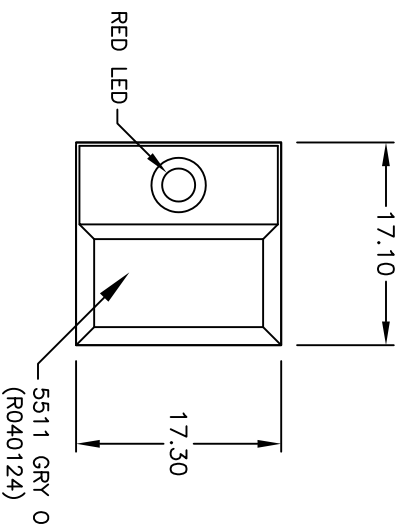
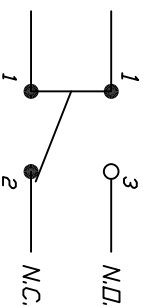




RECOMMENDED P.C.B. LAYOUT

		RED L.E.D		
LED SPECIFICATION	SYMBOL	MAX. MIN.	TYP.	UNITS
POWER DISSIPATION	P _D	80 --		mW
FORWARD VOLTAGE	V _F	2.8 1.9	2.2	V
REVERSE VOLTAGE	V _R	5		V
EMISSION WAVELENGTH	λ _P		695	nm
AVE. FORWARD CURRENT	I _{AF}	30 --		mA
LUMINOUS INTENSITY	I _V	0.7	22	mcdd



NOTES:

1. ALL DIMENSIONS IN MM
2. GENERAL TOLERANCE: $X.X = \pm 0.4$
 $X.XX = \pm 0.25$
3. TERM. NO. FOR REF. ONLY
4. RATING: 12mA @24V
5. FIXED CONTACT/MOVING CONTACT:
COPPER ALLOY W/GOLD PLATE
6. CONTACT BOUNCE: <5m SEC.
7. CONTACT RESISTANCE: <50milli-OHMS
8. TRAVEL: 2.5 $\pm$ 0.2mm



					TITLE				
					5511-M-2-1				
B	12151	REVISED AND REDRAWN	5/14/02	CJB	SCALE	DATE	DR	DWG	REV
REV.	ECN No.	DESCRIPTION	DATE	CHKD	1.5:1	5/14/02	CJB	XR0160P	B