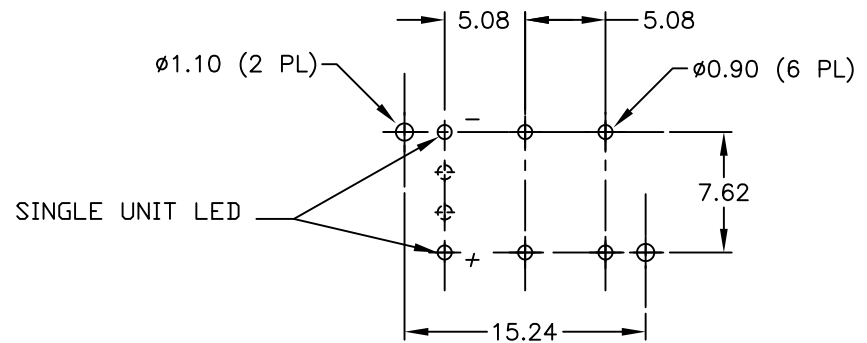
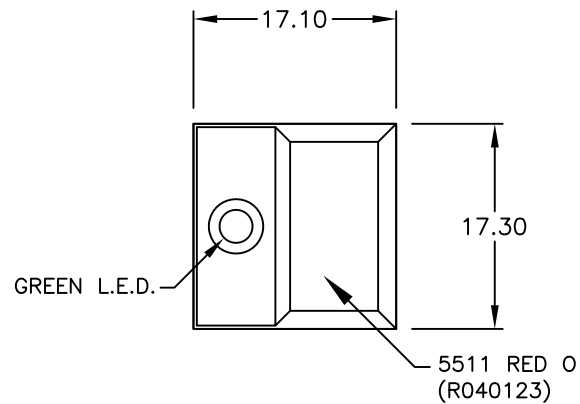
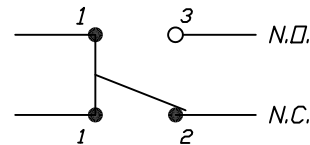
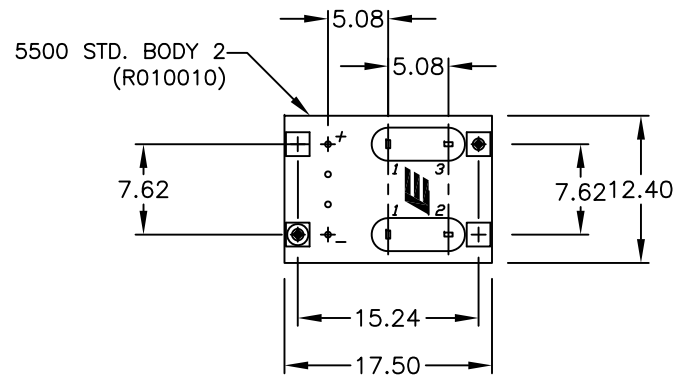
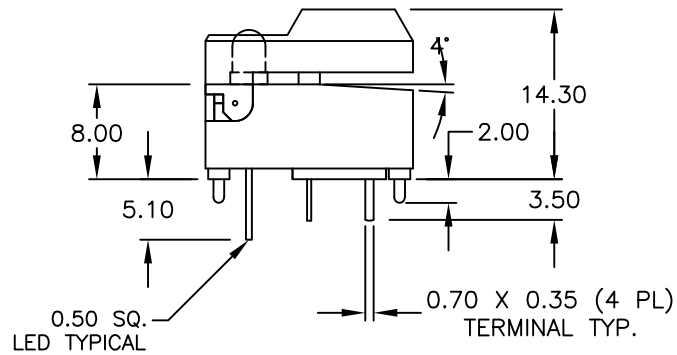




## RECOMMENDED P.C.B. LAYOUT

| LED SPECIFICATION    | SYMBOL      | GRN L.E.D |      |      | UNITS   |
|----------------------|-------------|-----------|------|------|---------|
|                      |             | MAX.      | MIN. | TYP. |         |
| POWER DISSIPATION    | $P_D$       | 100       | --   |      | mW      |
| FORWARD VOLTAGE      | $V_F$       | 2.8       | 1.9  | 2.2  | V       |
| REVERSE VOLTAGE      | $V_R$       | 5         |      |      | V       |
| EMISSION WAVELENGTH  | $\lambda_P$ |           |      | 570  | nm      |
| AVE. FORWARD CURRENT | $I_{AF}$    | 30        | --   |      | mA      |
| REVERSE CURRENT      | $I_R$       | 100       | --   |      | $\mu A$ |
| LUMINOUS INTENSITY   | $I_v$       |           | 6.0  | 15.0 | mcd     |

CIRCUIT: SPDT  
CONTACT CONFIGURATION

## NOTES:

- ALL DIMENSIONS IN MM
- GENERAL TOLERANCE:  $X.X = \pm 0.4$   
 $X.XX = \pm 0.25$
- TERM. NO. FOR REF. ONLY
- RATING: 12mA @24V
- FIXED CONTACT/MOVING CONTACT:  
COPPER ALLOY W/GOLD PLATE
- CONTACT BOUNCE: <5m SEC.
- CONTACT RESISTANCE: <50milli-OHMS
- TRAVEL:  $2.5 \pm 0.2$ mm
- OPERATING TEMP. RANGE:  $-20^\circ C$  to  $+80^\circ C$

**E-SWITCH®**

TITLE

5511-M-5-2

SCALE

1.5:1

DATE

5/15/02

DR

CJB

DWG

XR0176P

REV

A

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IS PROPRIETARY TO E-SWITCH AND IS  
NOT TO BE COPIED OR TRANSFERRED

|      |         |                         |         |      |
|------|---------|-------------------------|---------|------|
| A    | 12153   | RELEASED FOR PRODUCTION | 5/15/02 | CJB  |
| REV. | ECN No. | DESCRIPTION             | DATE    | CHKD |