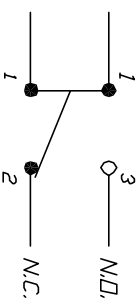


RECOMMENDED P.C.B. LAYOUT

LED SPECIFICATION	SYMBOL	RED L.E.D.		UNITS
		MAX.	MIN.	
POWER DISSIPATION	P <sub>d</sub>	80	--	mW
FORWARD VOLTAGE	V <sub>F</sub>	2.8	1.9	V
REVERSE VOLTAGE	V <sub>R</sub>	5	--	V
EMISSION WAVELENGTH	λ <sub>p</sub>	30	--	nm
AVE. FORWARD CURRENT	I <sub>AF</sub>	30	--	mA
LUMINOUS INTENSITY	I <sub>v</sub>	0.7	--	mcd



CIRCUIT: SPDT CONTACT CONFIGURATION

NOTES:

1. ALL DIMENSIONS IN MM
2. GENERAL TOLERANCE: X.X=±0.4 X.XX=±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±0.2mm

**E-SWITCH®**

REV.	ECN No.	DESCRIPTION	DATE	CHKD
A	12151	RELEASED FOR PRODUCTION	5/14/02	CJB

TITLE	SCALE	DATE	DR	DWG	REV
5511-M-4-1	1.5:1	5/14/02	CJB	XR0171P	A

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED