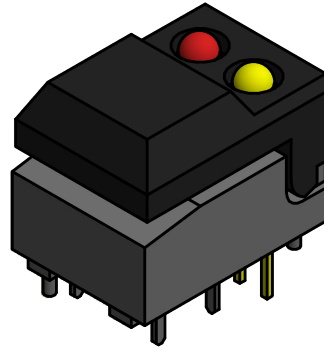
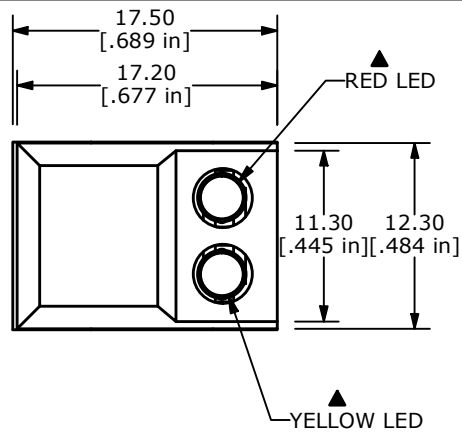


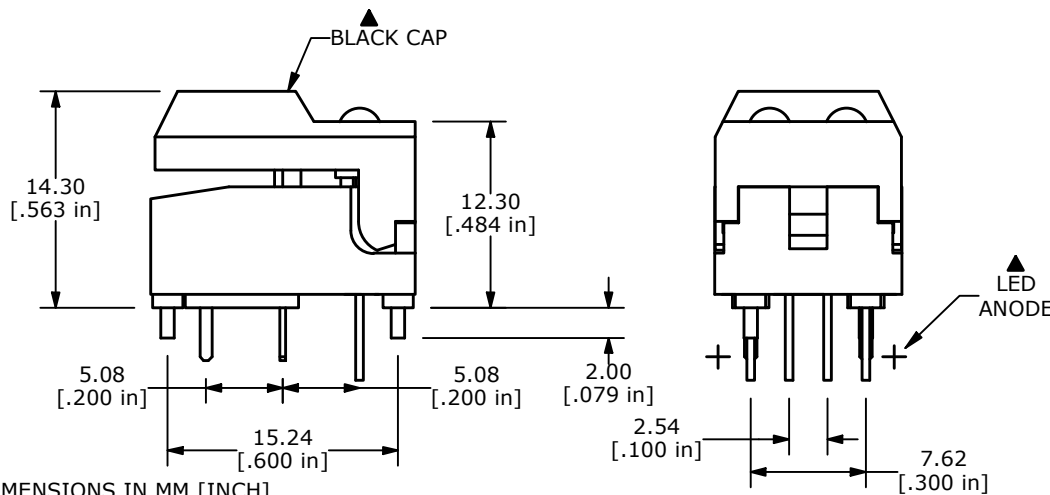


RED LED

PARAMETERS	SYMBOL	MAX.	MIN.	TYP.	UNITS
POWER DISSIPATION	P _D	80	--		mW
AVE FORWARD CURRENT	I _{AF}	30	--		mA
PEAK FORWARD CURRENT	I _{PF}	80	--		mA
FORWARD VOLTAGE	V _F	2.8	1.8	2.2	V
REVERSE VOLTAGE	V _R	5	--		V
REVERSE CURRENT	I _R	100	--		μA
EMISSION WAVELENGTH	λ _P			695	nm
LUMINOUS INTENSITY	I _F		0.7	2.2	mcd

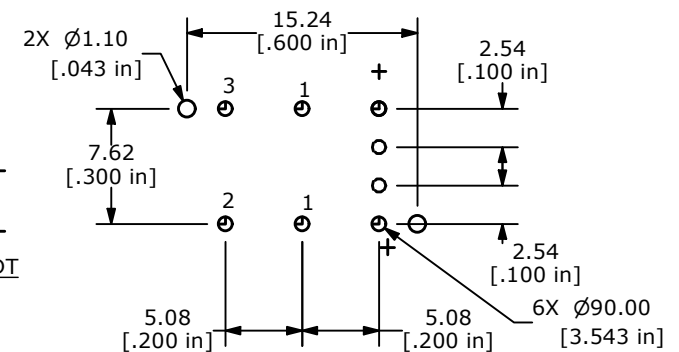
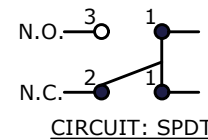
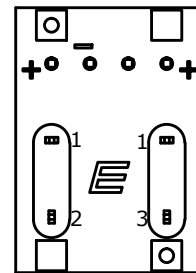
YELLOW LED

PARAMETERS	SYMBOL	MAX.	MIN.	TYP.	UNITS
POWER DISSIPATION	P _D	100	--		mW
AVE FORWARD CURRENT	I _{AF}	30	--		mA
PEAK FORWARD CURRENT	I _{PF}	80	--		mA
FORWARD VOLTAGE	V _F	2.8	1.8	2.1	V
REVERSE VOLTAGE	V _R	5	--		V
REVERSE CURRENT	I _R	100	--		μA
EMISSION WAVELENGTH	λ _P			590	nm
LUMINOUS INTENSITY	I _F		5.0	12.0	mcd



NOTE:

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X=±0.4
X.XX=±0.25
3. TERMINAL NUMBERS FOR REF ONLY
4. RATINGS: 12mA @ 12VDC
5. CONTACTS: FIXED AND MOVING:
COPPER ALLOY W/GOLD PLATE
6. OPERATING FORCE: 170 +/- 50 grams
7. OPERATING TRAVEL: 2.5MM ± 0.5MM
8. ▲ DENOTES CRITICAL PARAMETER.
9. OPERATING LIFE: 500,000 CYCLES MIN.
10. CONTACT RESISTANCE: 500HMS MAX (INITIAL)
11. INSULATING RESISTANCE: 100M OHM MIN
12. OPERATING TEMP.: -10°C TO 60°C



B	21690	CONVERTED TO INVENTOR	10/27/14	AS
REV	PCR NO	DESCRIPTION	DATE	BY

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

TITLE 5501m113

SCALE 1:1

DATE 10/27/2014

DR AS

DWG XR0223P

REV B