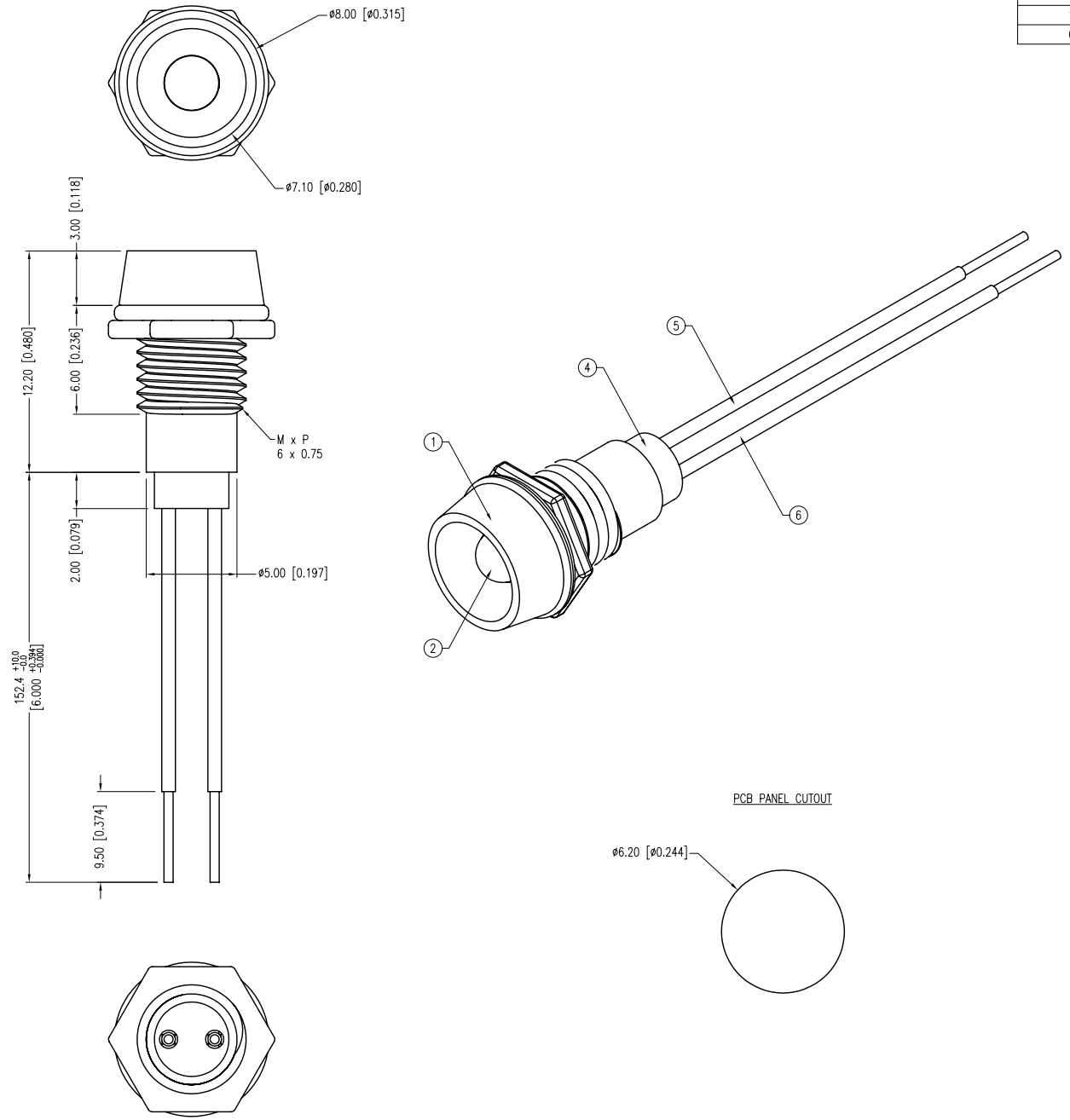
UNCONTROLLED DOCUMENT

PART NUMBER	SSI-LXR1612SRD12V6	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.23.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
07.14.11	E.C.N. #10BRDR. & REDRAWN.		B



PCB PANEL CUTOUT

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Vf=12V

PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		12	14	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		70		mcd	Vf=12V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	10	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

NOTES:

1. SSI-LXR1612, CHROME HOUSING.
2. SSL-LX3054SRD-12V, RED LED. TRIM LEADS TO 5mm.
3. SOLDER WIRE LEADS TO LED LEADS.
4. SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.
5. ANODE LEAD: 26 AWG, STRANDED, RED INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.
6. CATHODE LEAD: 26 AWG, STRANDED, BLACK INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

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T-3mm (T-1) 660nm SUPER RED LED PANEL INDICATOR, RED DIFFUSED LENS, 6" WIRE LEADS, 12V OPERATION.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	07.14.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]	Pb	