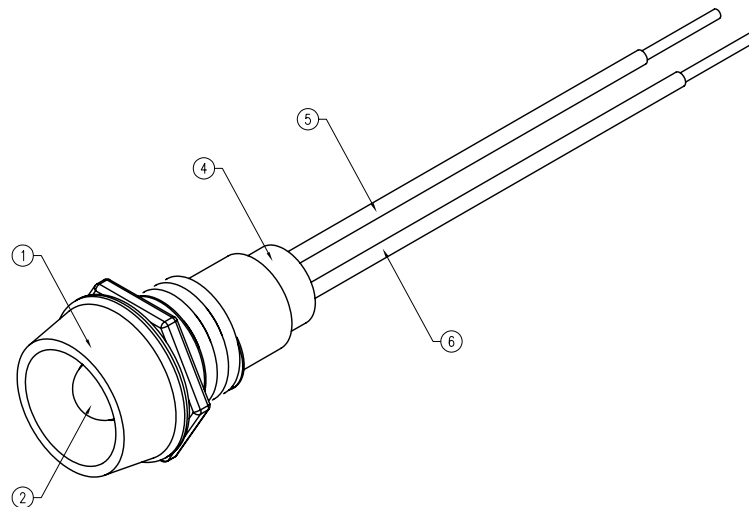
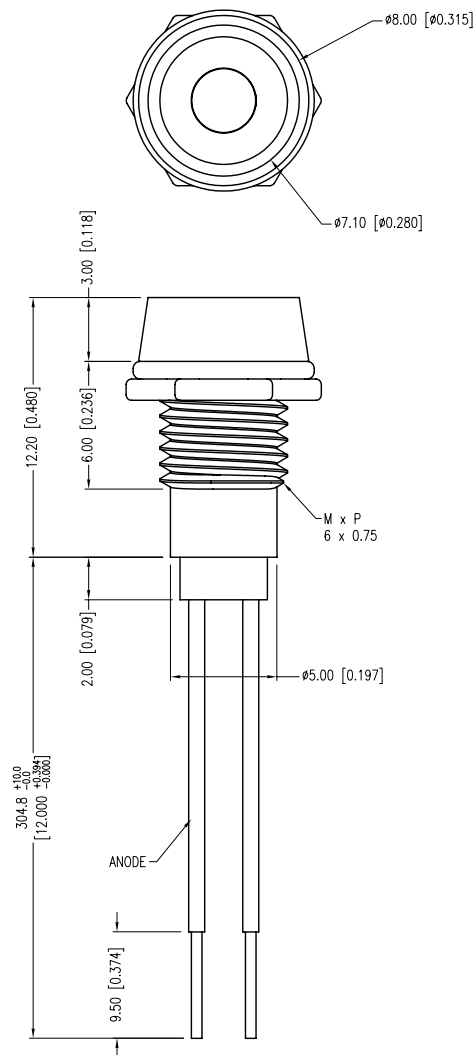


PART NUMBER	SSI-LXR1612GD5V300	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.17.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
07.14.11	E.C.N. #10BRDR. & REDRAWN.		B



PCB PANEL CUTOUT

$\phi 6.20$ [0.244]

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $V_f=5\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100 μ A
AXIAL INTENSITY		20		mcd	Vf=5V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	10	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX.

NOTES:

- SSI-LXR1612, CHROME HOUSING.
- SSL-LX3054GD-5V, GREEN LED. TRIM LEADS TO 5mm.
- SOLDER WIRE LEADS TO LEAD LEADS.
- SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.
- ANODE LEAD: LXP-WST26RDT0C, 26 AWG, TINNED OVERCOAT, RED INSULATION. CUT 310mm LONG, STRIP END 2mm & 9.5mm.
- CATHODE LEAD: LXP-WST26BLT0C, 26 AWG, TINNED OVERCOAT, BLACK INSULATION. CUT 310mm 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.= $\frac{+}{-}$ DECIMAL PRECISION MAX.= $\frac{+}{-}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-3mm (T-1) 565nm GREEN LED PANEL INDICATOR, GREEN DIFFUSED LENS, 12" WIRE LEADS, 5V 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:	SS
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ

Mouser Electronics

Authorized Distributor

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