PART NUMBER	REV.
SSI-LXR4815SOD-150	

Ø10.00 [Ø0.394]

5.00 [0.197]

15.00 [0.591]

7.50 [0.295]

Ø7.00 [Ø0.276]

$152.4^{+10.00}_{0.00}$

$[6.000^{+0.394}_{0.000}]$

9.50 [0.374]

PANEL CUTOUT
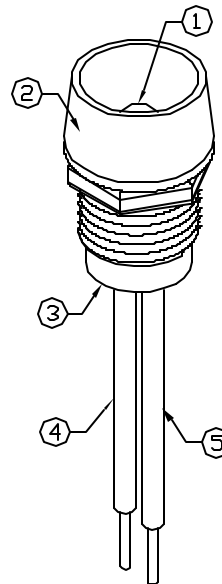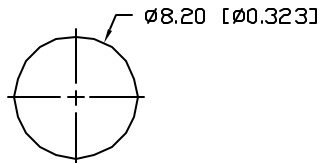
Ø8.20 [Ø0.323]

<u>NOTES:</u>

1. SSL-LX5O6JSOD, ORANGE LED. TRIM LEADS TO 5mm.
2. SSI-LXR4815, CHROME HOUSING.
3. SSH-LXH4815BSG, BLACK NYLON BUSHING. (NOT SEEN)
4. ANODE LEAD: LXP-WST24RDTOC, RED INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLTOC, BLACK INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.

ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		100		mcd	I_f=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	ORANGE				
EPOXY LENS FINISH:	ORANGE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* $t<10\mu S$

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.=$^{+0.00}_{-DECIMAL\ PRECISION}$

REV.	PART NUMBER
	SSI-LXR4815SOD-150

T-5mm 610nm AlInGaP ORANGE LED PANEL INDICATOR LED,

ORANGE DIFFUSED LENS, WITH 6" WIRE LEADS.

LUMEX

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 1.10.02
BC			PAGE: 1 OF 1
			SCALE: N/A

Mouser Electronics

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