PART NUMBER

REV.

SSI−LXR5010GD300NS

CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.

ø9.50 [ø0.374]

2.50 [0.098]

15.00 [0.591]

12.50 [0.492]

ø8.00 [ø0.315]

304.8 +10.0 / 0.0
[12.000 +0.394 / 0.000]

PANEL CUTOUT

8.05 [0.317]

0.60~2.80 [0.024~0.110]
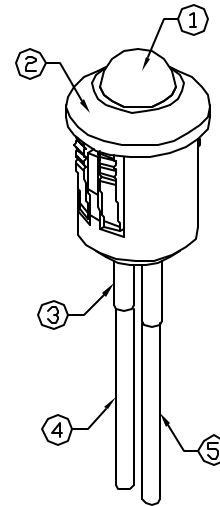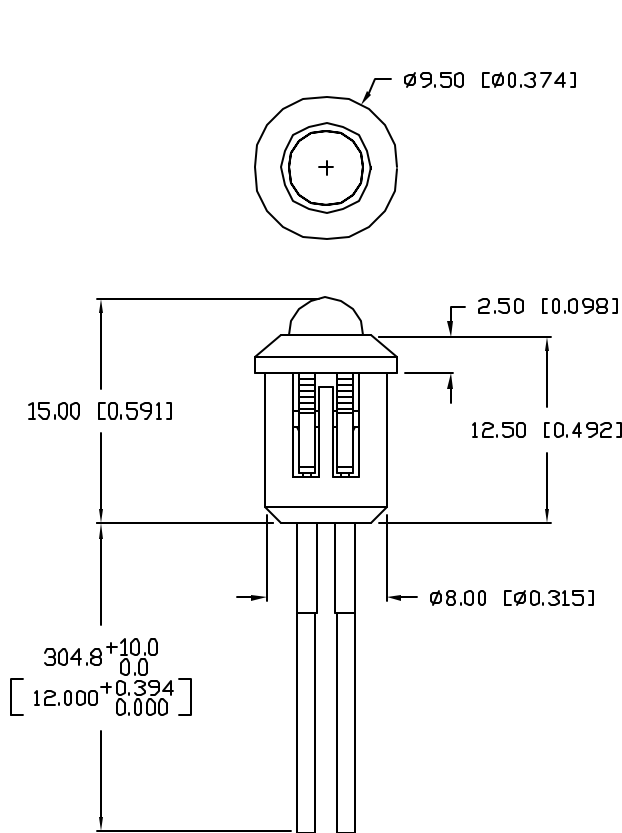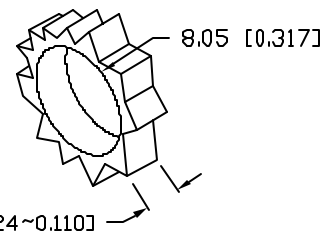
ELECTRO-OPTICAL CHARACTERISTICS TₐA=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		30		mcd	I_f=20mA
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 CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* t<10µS

NOTES:

1. SSL-LX5093GD, GREEN LED. TRIM LEADS TO 3-4mm.
2. SSH-RTF5010, BLACK HOLDER.
3. LXP-HEATSHRINK-2, (2 PCS.) 1/16" x 1/2".
4. ANODE LEAD: LXP-WST24RDTOC, CUT 310mm LONG.
   STRIP 3mm AT ONE END. NON STRIP ANOTHER END.
5. CATHODE LEAD: LXP-WST24BLTOC, CUT 310mm LONG.
   STRIP 3mm AT ONE END. NON STRIP ANOTHER END.
6. DO NOT STRIP, DO NOT COIL WIRES.

*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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