

UNCONTROLLED DOCUMENT

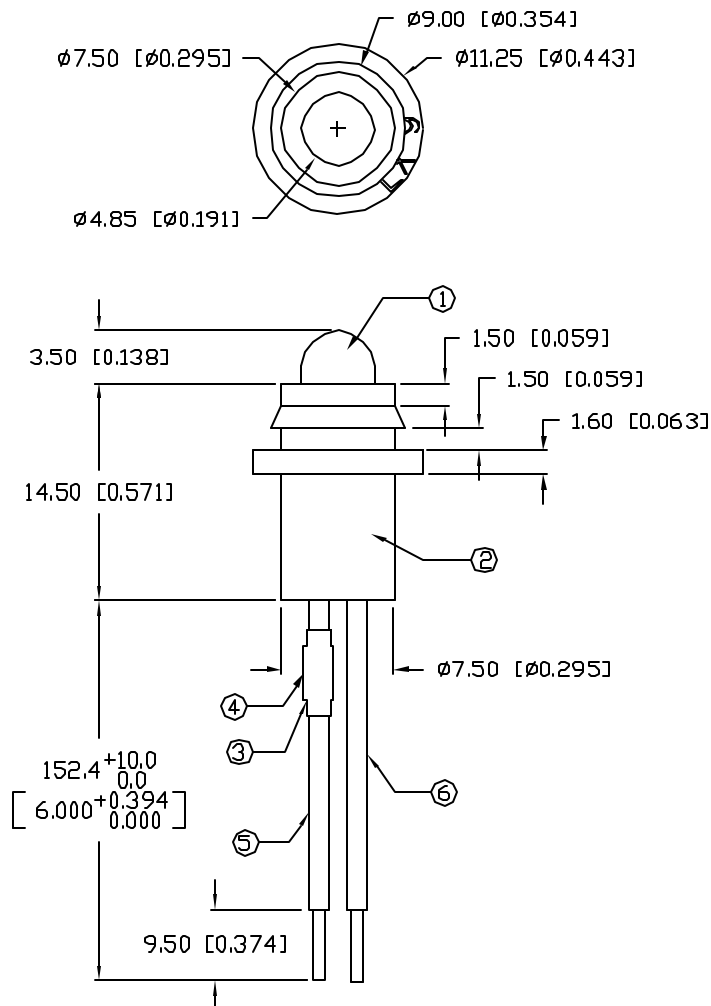
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PART NUMBER

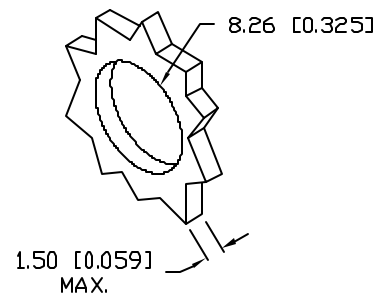
REV.

SSI-LXH9UPGD28V150

PRELIMINARY IN P/N DIR



PANEL CUTOUT

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=28\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		28.0		V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		80		mcd	$V_f=28\text{V}$
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	28	V
STEADY CURRENT	14	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

NOTES:

- SSL-LX509F3UPGD, GREEN LED. TRIM LEADS TO 4mm.
- SSH-LXH9, BLACK RUBBER HOUSING.
- LXP-HEATSHRINK-2, 1/16" x 1".
- LXP-RES 2000, 1/2W, CUT 22-24mm.
- ANODE LEAD: LXP-WST24RDT0C, CUT 45mm LONG, STRIP BOTH ENDS 4mm, 106mm STRIP 4mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BLT0C, CUT 160mm LONG, STRIP ENDS 4mm & 9.5mm.

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*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 MAX.=+0.00 -0.00 -DECIMAL PRECISION

REV.

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T-5mm 525nm GREEN LED PANEL INDICATOR,
GREEN DIFFUSED LENS, 6" WIRE LEADS, 28 VOLTS.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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JD

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SCALE: N/A