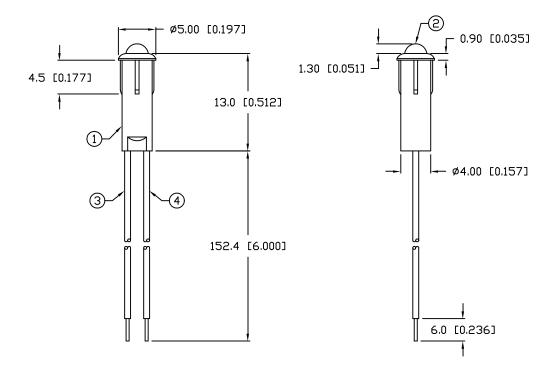
SSI-I XH312GD12V150



FORWARD VOLTAGE		12.0	16.0	V_{f}	
REVERSE VOLTAGE	5.0			V_r	I _r =100μΑ
AXIAL INTENSITY		10		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN D	FFUSED			

TYP

565 (GREEN)

 $I_f = 20mA$

UNITS

nm

TEST COND

MAX

LIMITS OF SAFE OPERATION AT 25°C

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

MIN

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	11	mA
POWER DISSIPATION	305	mW
DERATE FROM 25°C	- 1.6	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	•c

* t<10µS

PARAMETER

PEAK WAVELENGTH

NOTES:

- 1. SSH-LXH3121 HOLDER, BLACK NYLON 94V-0.
- 2. SSL-LX3044GD-12V LED, LEADS CUT TO 5mm.
- 3. ANODE LEAD: LXP-WST26RDTOC, RED INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 3mm & 6mm.
- 4. CATHODE LEAD: LXP-WST26BLTOC, BLACK INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 3mm & 6mm.
- 5. MOUNTING HOLE: Ø0.170~Ø0.174".

LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION *TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010).

REV.

PART NUMBER SSI-LXH312GD12V150

T-3mm (T-1) LED, PANEL INDICATOR, 565nm GREEN LED, GREEN DIFFUSED LENS, 6" WIRE LEADS, INTEGRAL RESISTOR.

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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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DRAWN BY:

CHECKED BY: APPROVED BY: DATE: 2-1-00 PAGE: 1 OF 1

KS/DU

SCALE: N/A