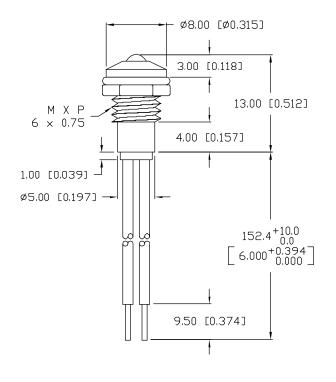
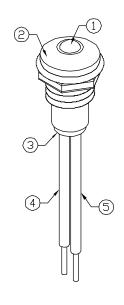
SSI-LXR3612SUGD150





PANFI CUTOUT

Ø6.20 [Ø0.244]

NOTES:

- 1. SSL-LX3054SUGD, GREEN LED, TRIM LEADS TO 5mm.
- 2. SSI-LXR3612 HOLDER, CHROME FINISH.
- 3. SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
- 4. ANODE LEAD: LXP-WST26RDTOC, 26 AWG. STRANDED, RED INSULATION, CUT TO 157mm LONG, STRIP ENDS 2mm AND 9.5mm.
- 5. CATHODE LEAD: LXP-WST26BLTOC, 26 AWG. STRANDED, BLACK INSULATION, CUT TO 157mm LONG, STRIP ENDS 2mm AND 9.5mm.
- 6. SOLDER LED LEADS TO WIRE LEADS.

ELECTRO-OPTICAL CH	ARACTERIS	TICS TA=25'	>	$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			٧r	I _r =100µA
AXIAL INTENSITY		70		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	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/'C
OPERATING, STORAGE TEMP.	- 40 TO +85	°C
* +<10uC		

* t<10µS

UNCONTROLLED DOCUMENT

*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 ARE: X=±0.000 (±0.000), X.XX=±0.000 (±0.00

REV.

PART NUMBER SSI-LXR3612SUGD150

T-3mm (T-1) 574nm AllnGaP GREEN LED PANEL INDICATOR. GREEN DIFFUSED LENS, WITH 6" WIRE LEADS.

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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DRAWN BY: CHECKED BY:

APPROVED BY:

DATE: 6.5.03 PAGE: 1 OF 1 SCALE: N/A