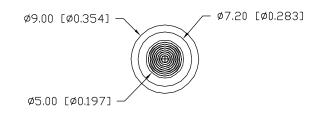
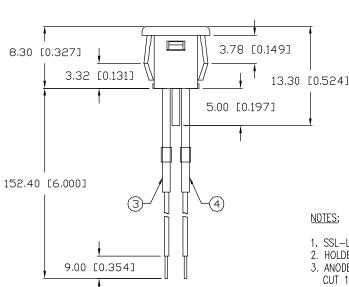
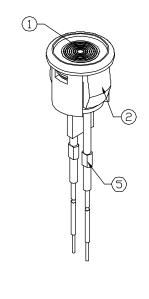
## SSI-LXH387SUGD-150







- 1. SSI -I X433SUGD I FD.
- 2. HOLDER: LXP-SSI-387BSH, LXP-SSI-387BZL.
- 3. ANODE LEAD: LXP-WST24RDTOC STRANDED. CUT 135mm, STRIP 4mm & 9mm.
- 4. CATHODE LEAD: LXP-WST24BLTOC STRANDED. CUT 135mm, STRIP 4mm & 9mm.
- 5. CRIMP LEADS EXTERNAL TO HOUSING. HEAT SHRINK OVER CRIMP-2 PLS.
- 6. PANEL HOLE CUT OUT: 5/16" DIAMETER.

ELECTRO-OPTICAL CH	ARACTERIS	STICS TA=25	o'C	I f= 20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	۷f	
REVERSE VOLTAGE	5.0			٧r	1 <sub>r</sub> =100µA
AXIAL INTENSITY		60		mcd	$I_f = 20mA$
VIEWING ANGLE		120		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
SOLDERING TEMP.	+ 260	<b>°</b> C
2.0mm FROM BODY		3 SEC. MAX

\* t<10uS

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 MAX. = +0.00 -DECIMAL PRECISION

REV.

PART NUMBER SSI-LXH387SUGD-150

T-5 FRESNEL LENS PANEL INDICATOR. 574nm AlinGaP GREEN LED, GREEN DIFFUSED LENS, WITH 6" WIRE LEADS.

CONFIDENTIAL INFORMATION

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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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APPROVED BY: DATE: CHECKED BY: 8.2.01 1 OF 1 PAGE: SCALE: N/A