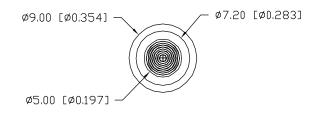
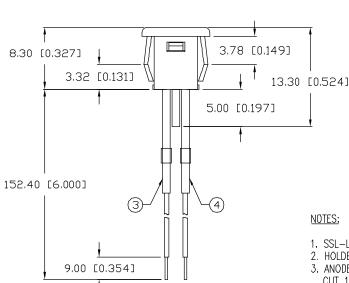
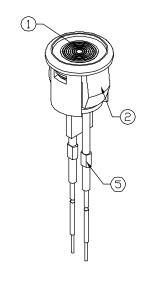
SSI-LXH387USBD-150







- 1. SSI -I X433USBD 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	TICS TA=25	'C	I f = 20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	۷f	
REVERSE VOLTAGE	5.0			٧r	1 _r =100µA
AXIAL INTENSITY		40		mcd	$I_f = 20mA$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	BLUE DI	FFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	mW
DERATE FROM 25°C	-1.2	mW/ ° C
OPERATING, STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+ 260	° C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

*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 (±0.039). MIN=+DECIMAL PRECISION

REV.

PART NUMBER SSI-LXH387USBD-150

T-5 FRESNEL LENS PANEL INDICATOR. 470nm ULTRA SUPER BLUE LED, BLUE DIFFUSED LENS, WITH 6" WIRE LEADS.

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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.



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com

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8.2.01

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