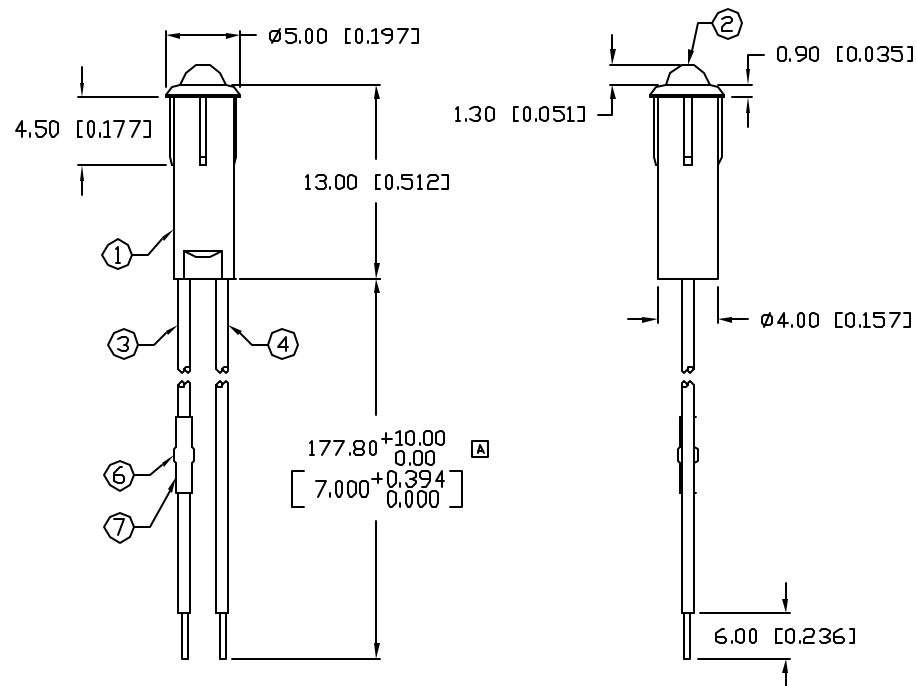


UNCONTROLLED DOCUMENT



NOTES:

1. SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
2. SSL-LX3044SRT LED, LEADS CUT TO 5mm.
3. ANODE LEAD: LXP-WST26RDT0C, RED INSULATED LEAD, 26 AWG, -45mm STRIP BOTH ENDS 4mm, -130mm STRIP 4mm AND 6.0mm.
4. CATHODE LEAD: LXP-WST26BLT0C, BLACK INSULATED LEAD, 26 AWG, CUT 180mm LONG, STRIP 6.0mm BOTH ENDS.
5. MOUNTING HOLE: $\varnothing 0.170$ - $\varnothing 0.174$ ".
6. LXP-RES 680 1/4W, 680 OHM 1/4 WATT RESISTOR. CUT 22mm END TO END.
7. LXP-HEATSHRINK-4.

*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

PART NUMBER
SSI-LXH312SRT36126REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11430.	08.01.07

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=12\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		12	14	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		400		mcd	$V_f=12\text{V}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	22	mA
POWER DISSIPATION	225	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$



UNCONTROLLED DOCUMENT

REV.

A

PART NUMBER

SSI-LXH312SRT36126

T-3mm (T-1) 660nm RED LED PANEL INDICATOR,
680 OHM 1/4 WATT RESISTOR,
RED TRANSPARENT LENS, 7" 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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Mouser Electronics

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