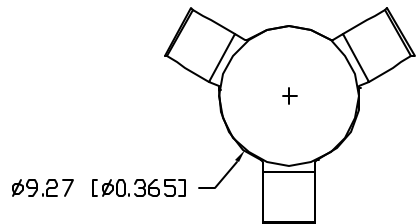
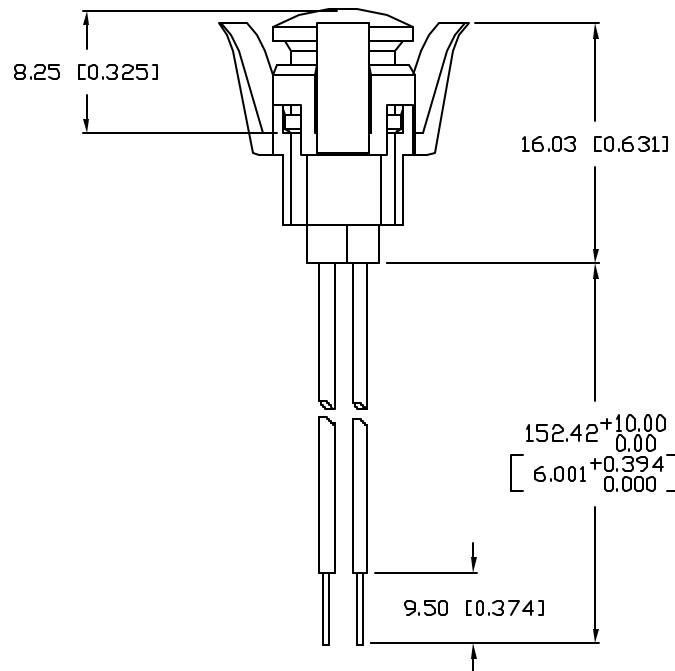
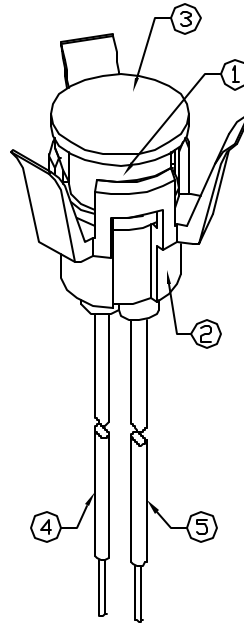


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 $\phi 9.27$ [$\phi 0.365$]


PANEL HOLE SIZE: 7.93 [0.312] TO 8.05 [0.317].
PANEL THICKNESS: 0.51 [0.020 TO 2.03 [0.080].



PART NUMBER		REV.
SSI-LXH692ID-150C		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	8.14.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		med	$I_f=20\text{mA}$
VIEWING ANGLE		60		2θ	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED 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	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

NOTES:

- SSL-LX509F3ID LED, NOT SHOWN.
- SSH-LXH690 HOUSING, BLACK.
- SSN-LX690L2-C LENS, CLEAR.
- RED ANODE LEAD: LXP-WST24RDT0C, 24AWG STRANDED, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- BLACK CATHODE LEAD: LXP-WST24BLT0C, 24AWG STRANDED, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- WHEN ASSEMBLED, MAX RIB DIAMETER AT MAX PANEL THICKNESS: 24mm [0.94].

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030), MIN. = $\frac{+DECIMAL PRECISION}{-0.00}$ MAX. = $\frac{+0.00}{-DECIMAL PRECISION}$

REV.

A

PART NUMBER

SSI-LXH692ID-150C

T-5mm (T-1 3/4) TULIP INDICATOR WITH CLEAR, FLAT LENS,
635nm HIGH INTENSITY RED LED, RED DIFFUSED LENS.

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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PAGE: 1 OF 1

SCALE: N/A