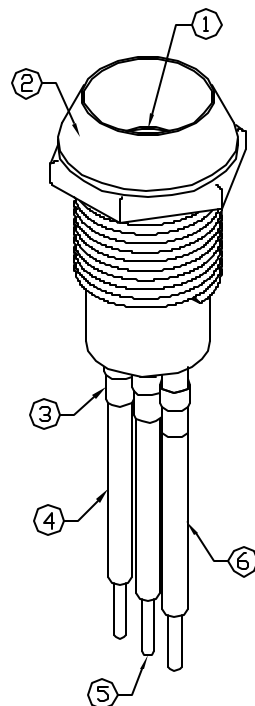
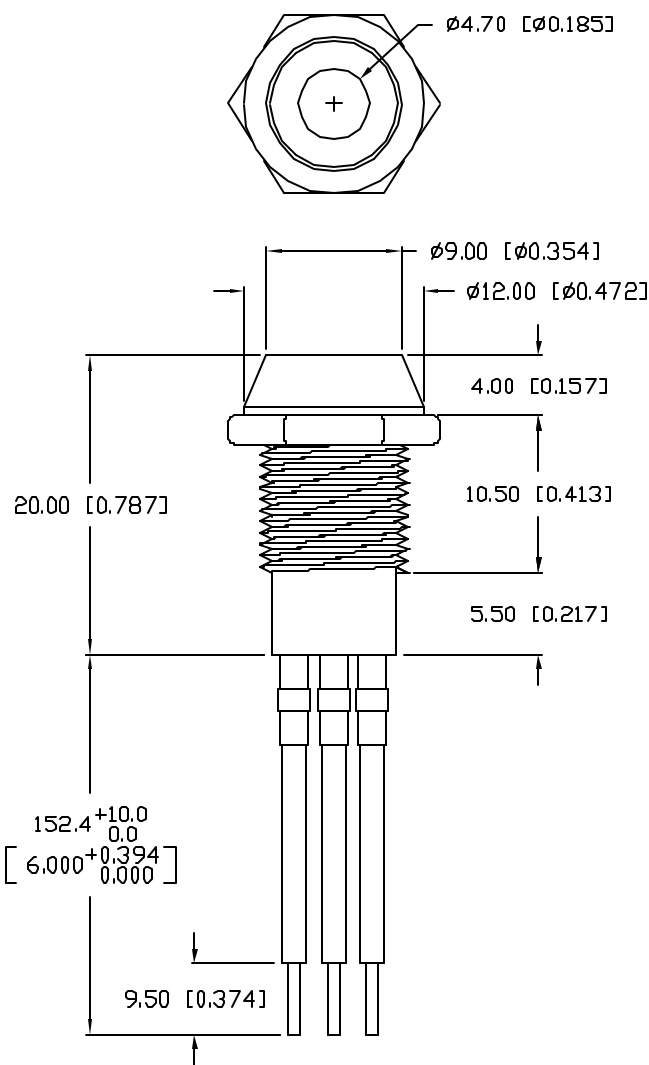


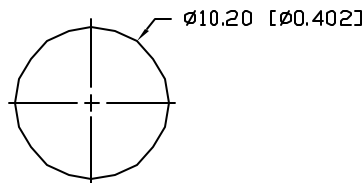
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PART NUMBER
SSI-LXR956SRSGW150

REV.



PANEL CUTOUT



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		1.7/2.2	2.2/2.6	V _f	
REVERSE VOLTAGE (R/G)	4.0/5.0			V _r	I _r =100μA
AXIAL INTENSITY (R/G)		200/50		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	100/105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C

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

NOTES:

1. SSL-LX5099SRSGW, RED/GREEN LED.
2. SSI-LXR956, CHROME HOUSING.
3. 22mm HEATSHRINK TO COVER EXTERNAL WIRES.
4. RED ANODE: LXP-WST24RDTQC, 24 AWG STRANDED, RED INSULATION, CUT 150mm LONG, STRIP 3mm & 9.5mm.
5. COMMON CATHODE: LXP-WST24BLTQC, 24 AWG STRANDED, BLACK INSULATION, CUT 150mm LONG, STRIP 3mm & 9.5mm.
6. GREEN ANODE: LXP-WST24GRTOC, 24 AWG STRANDED, GREEN INSULATION, CUT 150mm LONG, STRIP, 3mm & 9.5mm.

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*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.=^{+0.00}/_{-0.00} DECIMAL PRECISION, MAX.=^{+0.00}/_{-0.00} DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR956SRSGW150

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T-5mm, RED/GREEN PANEL INDICATOR, COMMON CATHODE,
MILKY WHITE DIFFUSED LENS, 6" WIRE LEADS.

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.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 1.3.02
			PAGE: 1 OF 1
			SCALE: N/A