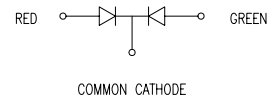
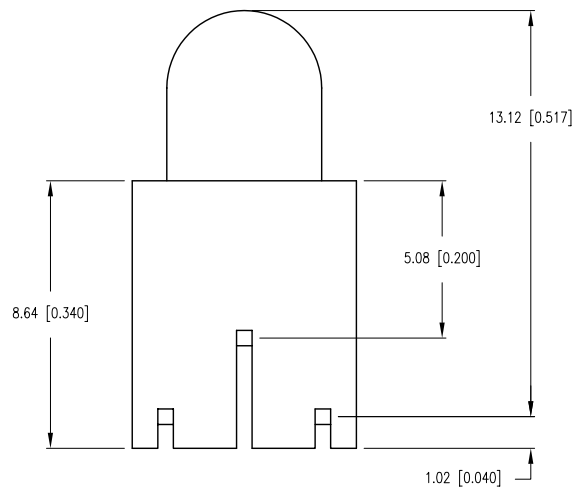
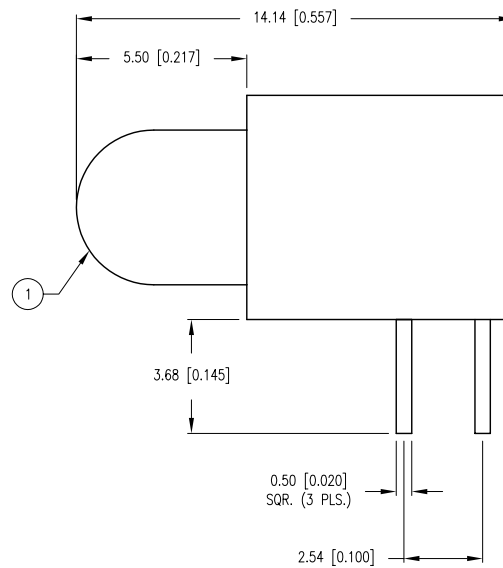
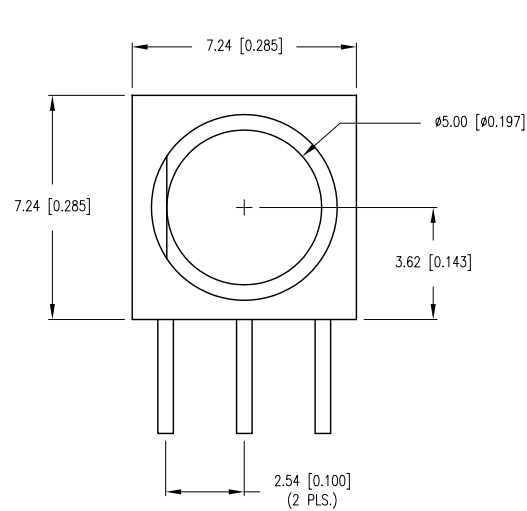


PART NUMBER	SSF-LXH169SRGW	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.06.11	E.C.N. #11762/10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C			If=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		660/565		nm	
FORWARD VOLTAGE (R/G)		1.7/2.2	2.2/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY (R/G)		80/40		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.
* t<10μS		

[A]NOTES:

1. SSL-LX5099SRGWIR LED.

*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}DECIMAL PRECISION _{-0.00}DECIMAL PRECISION

UNCONTROLLED DOCUMENT

 LUMEX Creating LED and LCD Solutions Together™	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	T-5mm (T-1 3/4) RT ANGLE FAULT INDICATOR, 660/565nm RED/GREEN LED, MILKY WHITE, COMMON CATHODE.		DATE: 10.06.11	DRAWN BY: AB
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	CHKD BY: KF
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				UNIT: mm [INCH]	Ⓟ