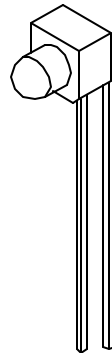
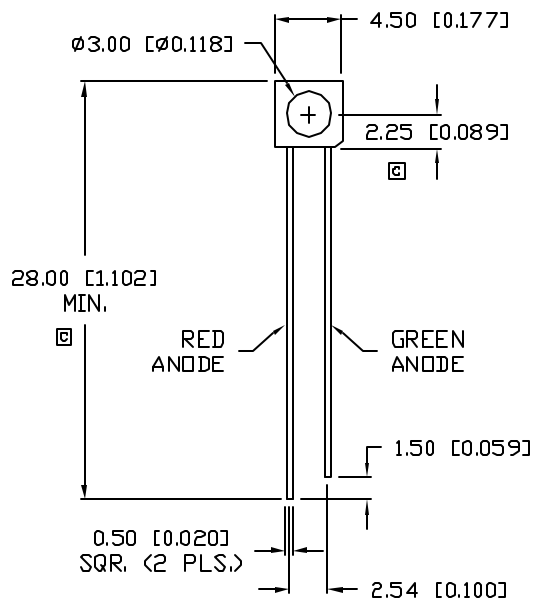
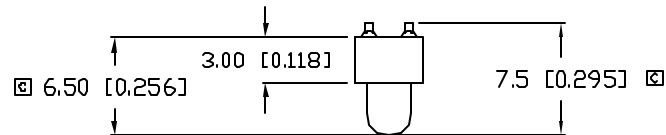


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LX3P74IGW-99REV.
E

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		635 (RED) 565 (GREEN)		nm
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY (R/G)		30/20		mcd $I_f=20\text{mA}$
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		105	mW
DERATE FROM 25°C		-1.6	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

* $t < 10\mu\text{s}$ *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}-0.00 ^{MAX.=+0.00}-0.00 ^{DECIMAL PRECISION}

REV.

E

PART NUMBER

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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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□ □

T-3mm (T-1) ALL EPOXY RIGHT ANGLE BICOLOR INDICATOR,
635nm RED/565nm GREEN, MILKY WHITE DIFFUSED.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 6.29.90

PAGE: 1 OF 1

SCALE: N/A