UNCONTROLLED DOCUMENT

Ø3,00 [Ø0,118]

5.08 [0.200]

0.50 [0.020]

0.50 [0.020]

SQR, (2 PLS.)

6.50 [0.256]

7.00 [0.276]

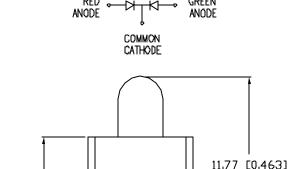
MAX.

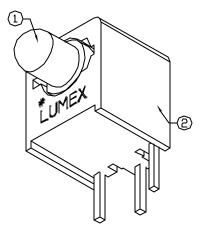
_UMEX

2.54 [0.100]

(5 brs')

- 11.77 [0.463] — - 4.00 [0.157] Ø4.00 [Ø0.157] 7.62 [0.300] 3.18 [0.125] 1.27 [0.050] -





PART NUMBER SSF-LXH409SISUGW

REV.

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C $I_f = 20 \text{mA}$ PARAMETER MIN TYP MAX UNITS TEST COND PEAK WAVELENGTH 636 (RED) nm 574 (GREEN) nm 2.0/2.2 2.2/2.5 FORWARD VOLTAGE (R/G) ٧f REVERSE VOLTAGE 5.0 ٧r Ir=100μA AXIAL INTENSITY (R/G) 300/130 If = 20mAmcd VIEWING ANGLE 60 2x theta EMITTED COLOR: RED/GREEN EPOXY LENS FINISH: MILKY WHITE DIFFUSED

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G) (R/G)	150/200	mA
STEADY CURRENT	(R/G)	30/25	mΑ
POWER DISSIPATION		100	mW
DERATE FROM 25°C		-1.2	mW /°C
OPERATING, STORAGE TEMP.		-40 TO +85	Ć.
SOLDERING TEMP.		+ 260	7
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

NOTES:

- 1. SSL-LX3D59SISUGW RED/GREEN LED.
- 2. SSH-LXH409 HOLDER.

UNCONTROLLED DOC *UNLESS OTHERWISE SPECIFED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.039), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.0102), LEAD LENGTH=±0.75 (±0.030). MN=+DECIMAL PRECISION MAX.=+0.000

PART NUMBER SSF-LXH409SISUGW

T-3mm 3-LEADED, BI-COLOR LED, 636nm RED/574nm GREEN, MILKY WHITE DIFFUSED.

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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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APPROVED BY: DATE: 7,17,02 PAGE:

1 OF 1 SCALE: N/A

REV.

RELIABILITY NOTE

BC

Mouser Electronics

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Lumex:

SSF-LXH409SISUGW