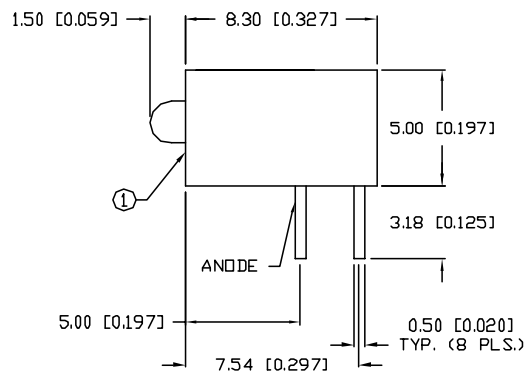
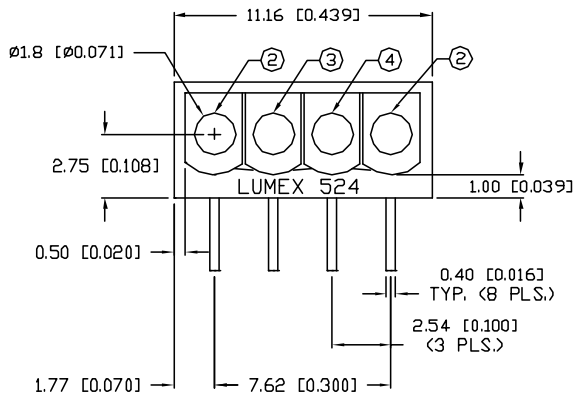


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH524IGYID

REV.



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

PARAMETER	RED	GREEN	YELLOW	UNITS	TEST COND
PEAK WAVELENGTH	635	565	585	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.2	2.1	V _f	
FORWARD VOLTAGE (MAX.)	2.5	2.6	2.5	V _f	
REVERSE VOLTAGE	5.0	5.0	5.0	V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	30	20	20	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	70	70	70	2x theta	
LED POSITION:	1,4	2	3		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

NOTES:

- SSH-LXH524 HOLDER, BLACK.
- SSL-LX20333D, RED LED. (2 PCS.)
- SSL-LX20333GD, GREEN LED. (1 PC.)
- SSL-LX20333YD, YELLOW LED. (1 PC.)

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G/Y)	30/25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.006). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), NN=±0.05 (±0.002), MAX.=±0.03 (±0.001) DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.	PART NUMBER SSF-LXH524IGYID
------	--------------------------------

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

T-2mm QUAD RANCH, FAULT INDICATOR.
POS.1: RED, POS.2: GREEN, POS.3: YELLOW,
POS.4: RED, COLOR DIFFUSED PER POSITION.

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: 11.16.02 PAGE: 1 OF 1 SCALE: N/A
-----------------	-------------	--------------	--