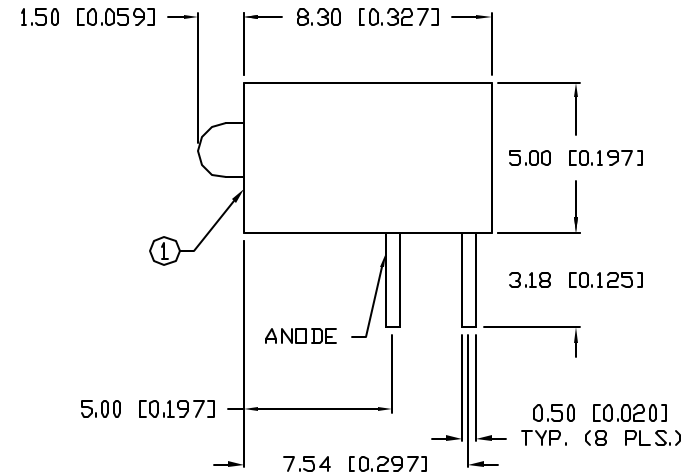
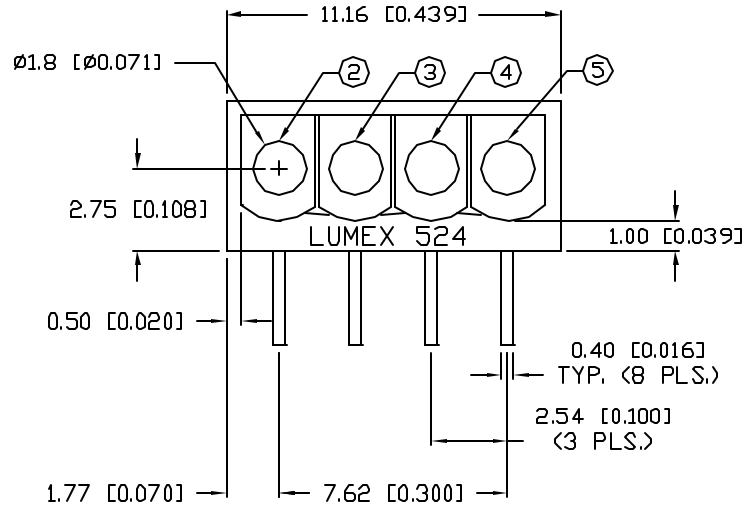


PRELIMINARY IN P/N DIR



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

PARAMETER	RED	AMBER	YELLOW	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	635	605	585	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.0	2.1	2.2	V <sub>f</sub>	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.5	2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0	5.0	5.0	5.0	V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY	30	30	20	20	mcd	I <sub>f</sub> =20mA
VIEWING ANGLE	70	70	70	70	2x theta	
LED POSITION:	1	2	3	4		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR						

NOTES:

- SSH-LXH524 HOLDER, BLACK.
- SSL-LX20333D, RED LED. (1 PC.)
- SSL-LX20333AD, AMBER LED. (1 PC.)
- SSL-LX20333YD, YELLOW LED. (1 PC.)
- SSL-LX20333GD, GREEN LED. (1 PC.)

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/A/Y/G)	25/25/25/30	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<10μs

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER
	SSF-LXH524IAYGD
T-2mm QUAD RANCH, FAULT INDICATOR, POS.1: RED, POS.2: AMBER, POS.3: YELLOW, POS.4: GREEN, COLOR DIFFUSED PER POSITION.	

**CONFIDENTIAL INFORMATION**  
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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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