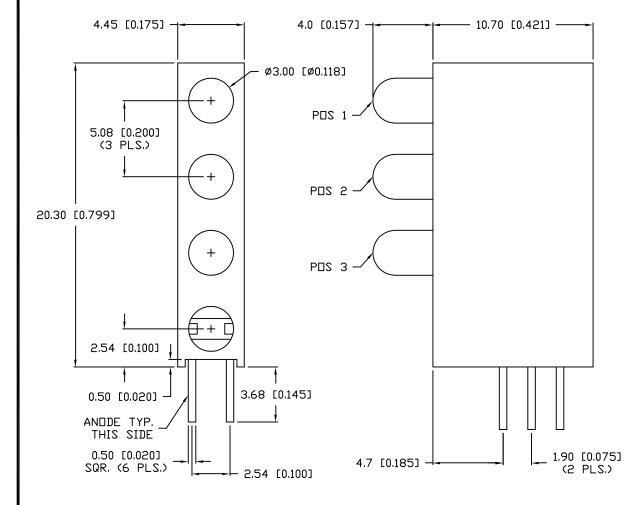
## SSF-LXH475LGGGXD



PARAMETER         MIN         TYP         MAX         UNITS         TEST COND           PEAK WAVELENGTH         565         nm           FORWARD VOLTAGE         2.2         2.6         Vf           REVERSE VOLTAGE         5.0         Vr         Ir=100µA           AXIAL INTENSITY         30         mcd         If=20mA           VIEWING ANGLE         60         2x theta           EMITTED COLOR:         GREEN	ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
FORWARD VOLTAGE 2.2 2.6 Vf REVERSE VOLTAGE 5.0 Vr $I_r$ =100 $\mu$ A AXIAL INTENSITY 30 mcd $I_f$ =20mA 1.0 mcd $I_f$ =2mA VIEWING ANGLE 60 2x theta EMITTED COLOR: GREEN	PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
REVERSE VOLTAGE 5.0 $V_{\Gamma}$ $I_{\Gamma}$ =100 $\mu$ A AXIAL INTENSITY 30 mcd $I_{f}$ =20mA 1.0 mcd $I_{f}$ =2mA VIEWING ANGLE 60 2x theta EMITTED COLOR: GREEN	PEAK WAVELENGTH		565		nm	
AXIAL INTENSITY 30 mcd $I_f$ =20mA 1.0 mcd $I_f$ =2mA VIEWING ANGLE 60 2x theta EMITTED COLOR: GREEN	FORWARD VOLTAGE		2.2	2.6	$V_{f}$	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100µA
VIEWING ANGLE 60 2x theta EMITTED COLOR: GREEN	AXIAL INTENSITY		30		mcd	$I_f = 20 \text{mA}$
EMITTED COLOR: GREEN		1.0			mcd	$I_f = 2mA$
	VIEWING ANGLE		60		2x theta	
EDOVALLENCE FINIOUS OPEN DIFFLICED	EMITTED COLOR:	GREEN				
EPOXY LENS FINISH: GREEN DIFFUSED	EPOXY LENS FINISH:	GREEN	DIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	<b>.</b> C
SOLDERING TEMP.	+ 260	<b>.</b> C
2.0mm FROM BODY		3 SEC. MAX

\* t<10µS

UNCONTROLLED DOCUMENT

LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION \*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010).

REV.

PART NUMBER SSF-LXH475LGGGXD

T-3mm (T-1) FOUR HIGH LED, FAULT INDICATOR, LOW CURRENT OPERATION, 3 POSTIONS, 1 EMPTY, THREE 565nm GREEN LEDS, GREEN DIFFUSED LENS.

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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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DRAWN BY:

BC

CHECKED BY: APPROVED BY: DATE: 3-15-00 PAGE: 1 OF 1

SCALE: N/A