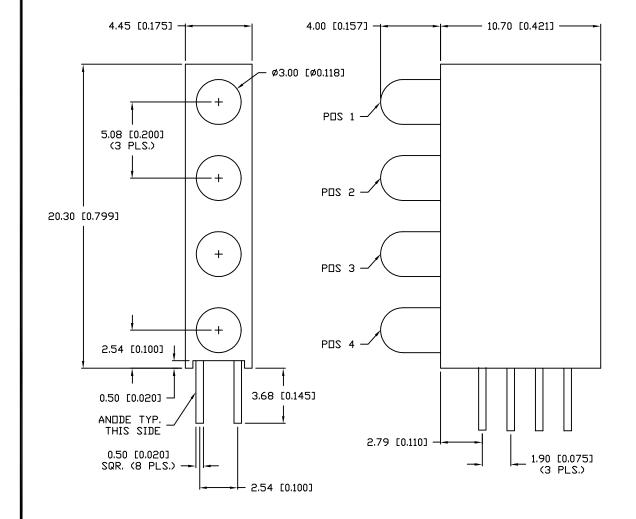
SSF-LXH475GIIID



ELECTRO-OPTICAL CHARACT	ERISTIC	S TA=25°C	$I_{f} = 20$	mA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		565 (GREEN)	nm	_	
		635 (RED)		nm		
FORWARD VOLTAGE (G/I)		2.2/2.0	2.6/2.5	V_{f}		
REVERSE VOLTAGE	5.0			V_r	I _r =100μΑ	
AXIAL INTENSITY (G/I)		30		mcd	If = 20mA	
VIEWING ANGLE		60		2x theta		
EMITTED COLOR: POS.	1: GF	REEN: POS. 2	~4: RED.			
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR						

LIMITS OF SAFE OPERATION	AT 25°C		
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(G/I)	150	mA
STEADY CURRENT	(G/I)	25/30	mA
POWER DISSIPATION	(G/I)	105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	•C
SOLDERING TEMP.		+ 260	. C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

UNCONTROLLED DOCU

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

REV.

PART NUMBER SSF-LXH475GIIID

T-3mm FOUR HIGH FAULT INDICATOR, POS. 1: GREEN DIFFUSED LED, POS. 2,3,4 RED DIFFUSED LED.

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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:

SK

CHECKED BY: APPROVED BY: DATE:

7-6-00 PAGE: 1 OF 1

> SCALE: N/A