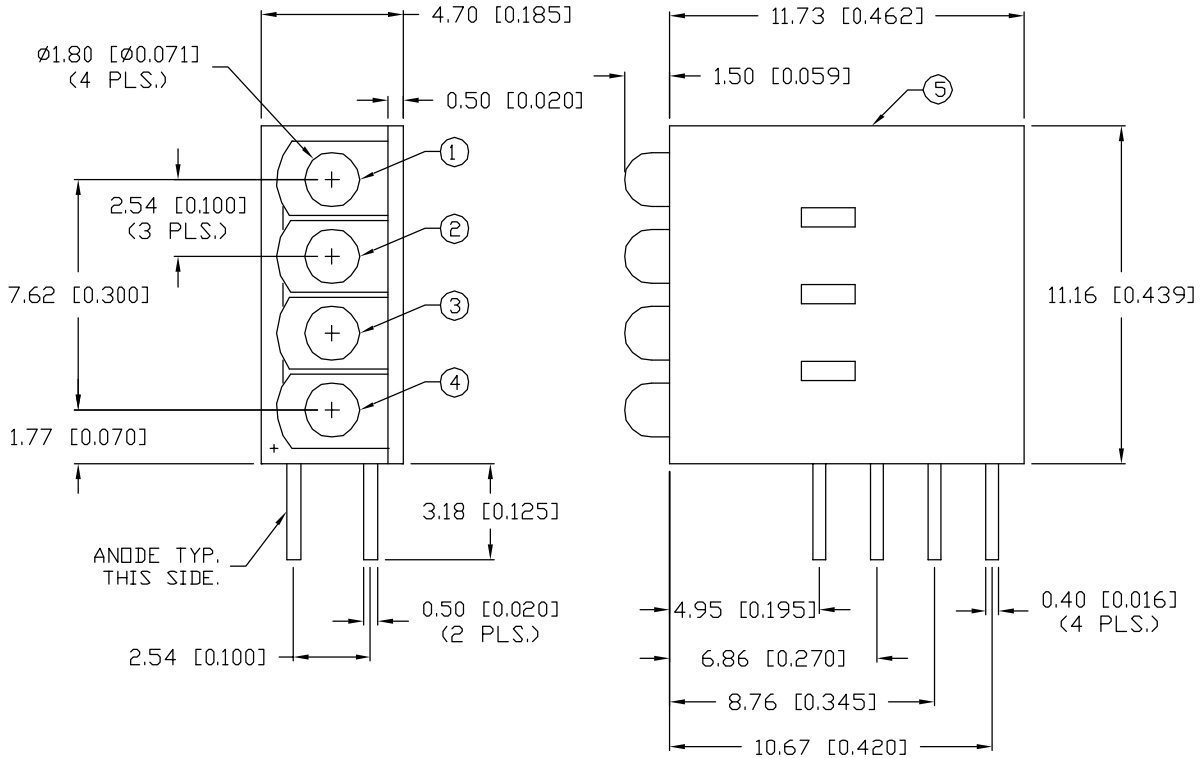
PART NUMBER	REV.
SSF-LXH5147IAYGD	

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE



ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

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	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.5	2.6	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	5.0	V_r	I_r=100µA
AXIAL INTENSITY	30	20	20	20	mcd	I_f=20mA
VIEWING ANGLE	70	70	70	70	2x theta	
LED POSITION:	1	2	3	4		
EPOXY LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C PER LED

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

NOTES:

1. SSL-LX20333ID LED, RED (1 PC).
2. SSL-LX20333AD LED, AMBER(1 PC).
3. SSL-LX20333YD LED, YELLOW (1 PC).
4. SSL-LX20333GD LED, GREEN (1 PC).
5. SSH-LXH5147 HOLDER, BLACK.

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER
	SSF-LXH5147IAYGD

T-1.8mm LED, RIGHT ANGLE QUAD TOWER, FAULT INDICATOR, RED, AMBER, YELLOW, GREEN LEDS, DIFFUSED PER COLOR.

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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			SCALE: N/A