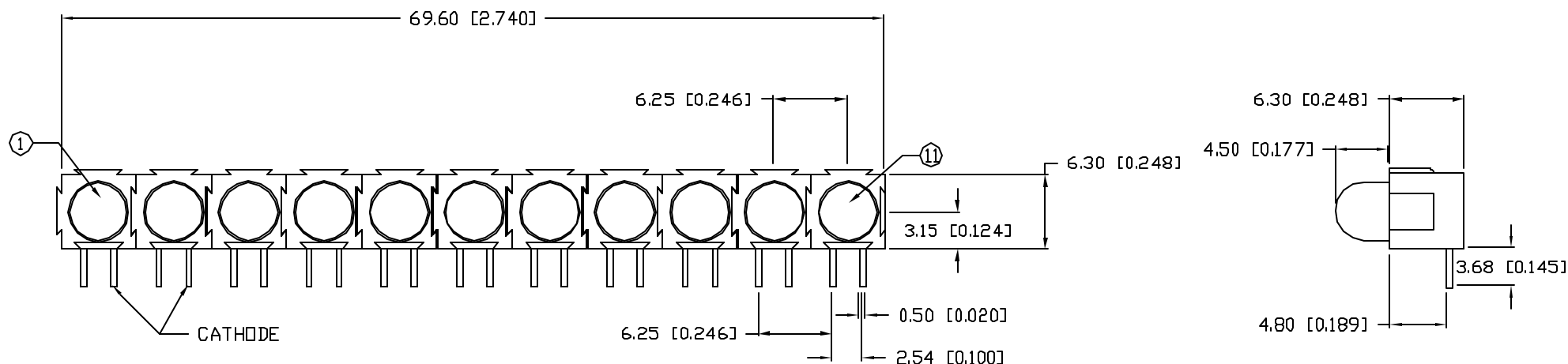


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
		565 (GREEN)		nm	
		635 (RED)		nm	
FORWARD VOLTAGE (Y)		2.1	2.5	V _f	
	(G)	2.2	2.6	V _f	
	(R)	2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (Y/G/R)		12/25/40		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW/GREEN/RED				
EPOXY LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT (Y/G/R)		12/25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX	

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

NOTES:

- SSF-LX101MGD-1, GREEN, #1
- SSF-LX101MYD-1, YELLOW, (5 PCS.) #3,5,7,9,11
- SSF-LX101MID-1, RED, (5 PCS.) #2,4,6,8,10

UNCONTROLLED DOCUMENT

*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 -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH101M33021-2

T-5mm LED, MATED FAULT INDICATOR, 11 POSITIONS,
585nm YELLOW, 565nm GREEN, 635nm RED, DIFFUSED LENS

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

JD