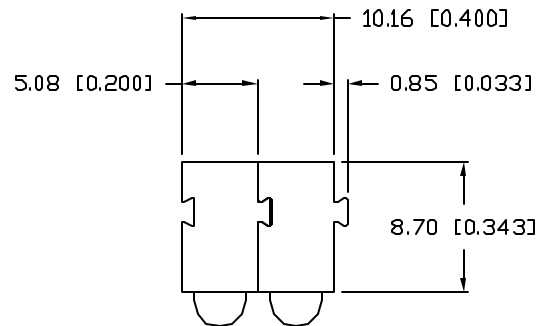


PART NUMBER
SSF-LXH2300YGD

REV.

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

DATE

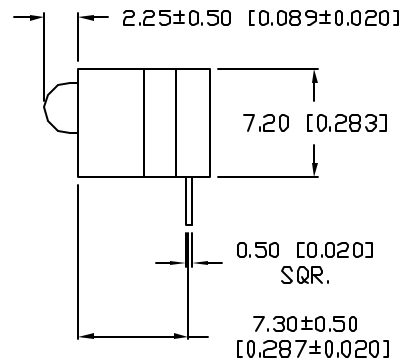
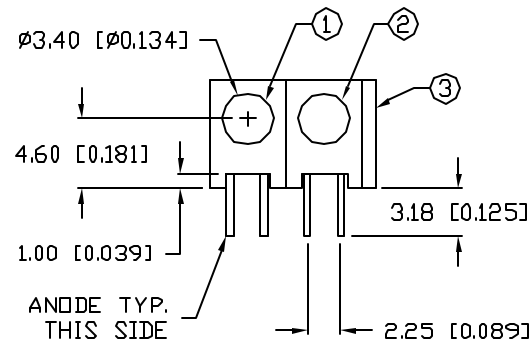


NOTES:

1. SSL-LX306F4YD, YELLOW LED.
1 PC. POSITION 1.
2. SSL-LX306F4GD, GREEN LED.
1 PC. POSITION 2.
3. SSH-LX2300 HOLDER,
BLACK. 2 PCS.

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	
FORWARD VOLTAGE		2.1/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		md	$I_f=20\text{mA}$
VIEWING ANGLE		60		2θ	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR				



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	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	

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

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

REV.

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SSF-LXH2300YGD

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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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			PAGE: 1 OF 1
			SCALE: N/A

T-3mm (T-1) MATING RIGHT ANGLE INDICATOR, 2 POSITIONS,
YELLOW AND GREEN LEDS, DIFFUSED PER COLOR.