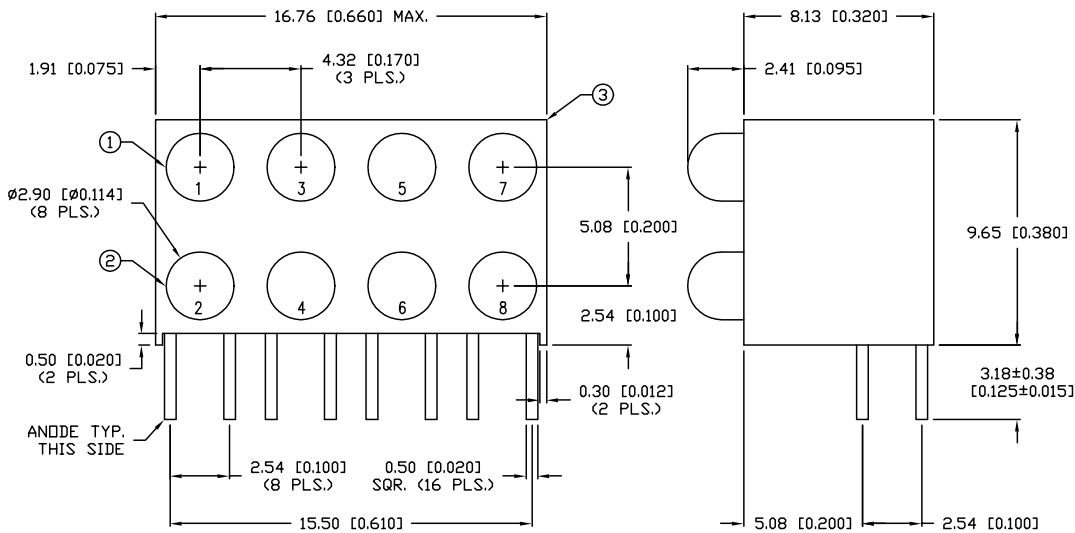


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PART NUMBER		REV.
SSF-LXH42103Y4I4D		
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE



NOTES:

1. SSL-LX3044YD, YELLOW LED. (4 PCS.)
2. SSL-LX3044ID, RED LED. (4 PCS.)
3. SSH-LXH42103 HOLDER.
4. MATERIAL: BLACK NYLON, UL 94V-0.
5. LEDS TO APPEAR EVEN IN BRIGHTNESS IN LIT CONDITION.
6. PARTS TO BE SUPPLIED IN TUBES.
7. TOLERANCES: ± 0.51 [± 0.020].

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	585	635	nm	
FORWARD VOLTAGE (TYP.)	2.1	2.0	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	30	30	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	$2x$ theta	
LED POSITION:	1,3,5,7	2,4,6,8		
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		30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

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

REV.	PART NUMBER	<p>CONFIDENTIAL INFORMATION</p> <p>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.</p> <p>RELIABILITY NOTE</p> <p>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.</p>	<p>LUMEX INCORPORATED</p>	290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: 1-847-359-2790 WEB: HTTP://WWW.LUMEX.COM		
	SSF-LXH42103Y4I4D			DRAWN BY:	CHECKED BY:	APPROVED BY:
T-3mm (T-1) RIGHT ANGLE LED FAULT INDICATOR, TOP ROW: YELLOW LEDS, BOTTOM ROW: RED LEDS, ALL LEDS DIFFUSED PER COLOR.			SS/BC			PAGE: 1 OF 1 SCALE: N/A