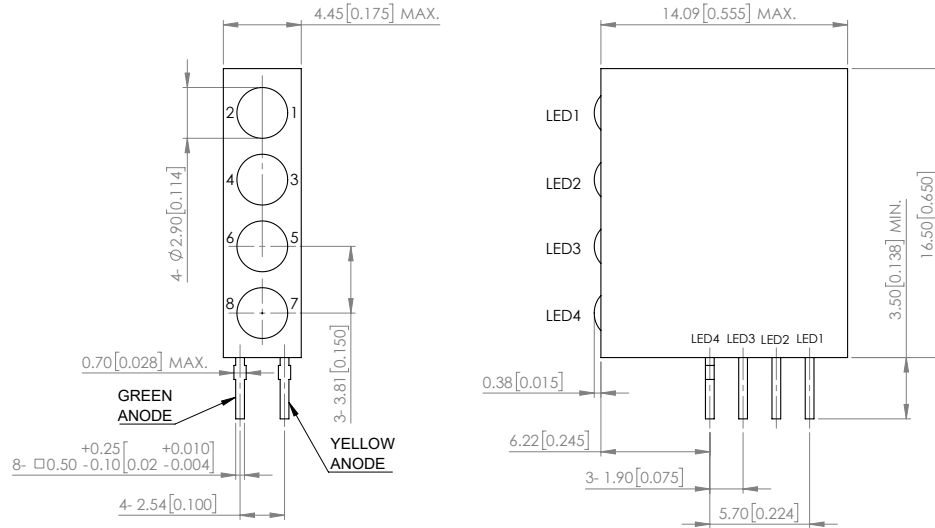


PART NUMBER		SSF-LXH450GYW	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex201700097			10.25.17



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAELENGTH	G	-	565	-	nm
	Y	-	585	-	
FORWARD VOLTAGE	G	-	2.2	2.5	Vf
	Y	-	2.1	2.5	
REVERSE CURRENT	-	-	100	uA	VR=5V
LUMINOUS INTENSITY	G	-	14	-	mcd
	Y	-	8	-	
VIEWING ANGLE	-	60	-	2x theta1/2	-
EMITTED COLOR	GREEN / YELLOW				
EPOXY LENS FINISH	MIKLY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (G/Y)*	140 / 140	mA
FORWARD CURRENT (G/Y)	25 / 30	mA
REVERSE VOLTAGE	5	V
POWER DISIPATION (G/Y)	62.5 / 75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMP.	3 SEC. MAX @ 260	°C

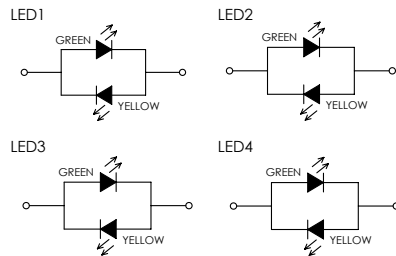
* t<10us

** 2.00mm FROM BODY

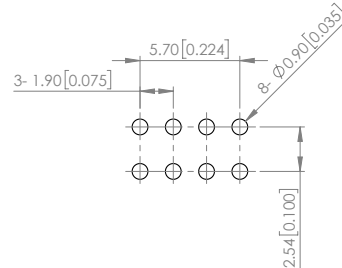
NOTE:

1. RoHS COMPLIANT.

POLARITY



RECOMMENDED PCB LAYOUT



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= *DECIMAL PRECISION 0.00, MAX= *DECIMAL PRECISION 0.00

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14.09(L)*16.5(W)*4.45(H)mm, T-3mm (T-1) FOUR UNIT FAULT INDICATOR, POS. 1-4, 565nm GREEN / 585nm YELLOW LEDS, MILKY WHITE DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE : 2017.10.25	DRAWN BY : C.C.
PAGE : 1 OF 1	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	