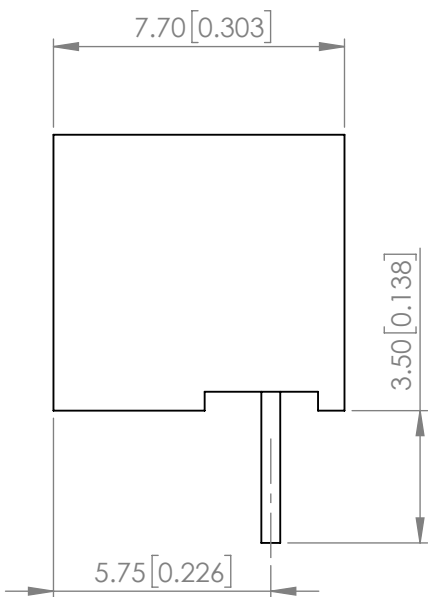
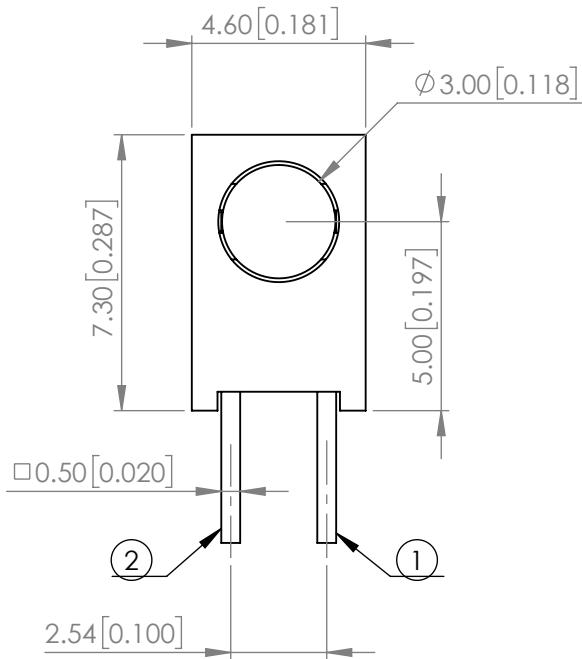


PRELIMINARY

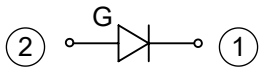
PART NUMBER		SSF-H131RW3-MR	REV	X1
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
X1	--			03.26.24



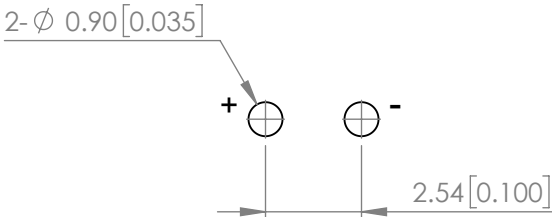
ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	630	-	nm	If=20mA
FORWARD VOLTAGE	1.7	-	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	150	-	mcd	If=20mA
VIEWING ANGLE	-	60	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	WHITE DIFFUSED				

POLARITY



RECOMMENDED PCB LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
FORWARD CURRENT	25	mA
POWER DISSIPATION	60	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +85	°C
LEAD SOLDERING TEMPERATURE**	250°C/10SEC, 217°C/60~150SEC, 2 TIMES REFLOW PROCESS	°C

*1/10 DUTY, 0.1ms PULSE WIDTH

*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= ^{+0.00}/_{-DECIMAL PRECISION}



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7.3(H)*4.6(W)*7.7(D)mm, ONE LEVEL LED INDICATOR, 630nm RED LED, WHITE DIFFUSED LENS, MATTE TIN PIN, TAPE & REEL

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2024.03.26

DRAWN BY : E.C.

PAGE : 1 OF 2

CHKD BY : T.S.

SCALE : NTF

APRVD BY : --

UNIT : mm [INCH]

(Pb)