

## LN142WP38

## Square Type

□ 5.0 mm × 2.0 mm

■ Absolute Maximum Ratings  $T_a = 25^\circ\text{C}$ 

- Yellow Green

Parameter	Symbol	Rating	Unit
Power dissipation	$P_D$	90	mW
Forward current	$I_F$	30	mA
Pulse forward current *	$I_{FP}$	150	mA
Reverse voltage	$V_R$	4	V
Operating ambient temperature	$T_{opr}$	-25 to +85	°C
Storage temperature	$T_{stg}$	-30 to +100	°C

Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

## ■ Lighting Color

- Yellow Green
- Orange

- Orange

Parameter	Symbol	Rating	Unit
Power dissipation	$P_D$	90	mW
Forward current	$I_F$	30	mA
Pulse forward current *	$I_{FP}$	150	mA
Reverse voltage	$V_R$	3	V
Operating ambient temperature	$T_{opr}$	-25 to +85	°C
Storage temperature	$T_{stg}$	-30 to +100	°C

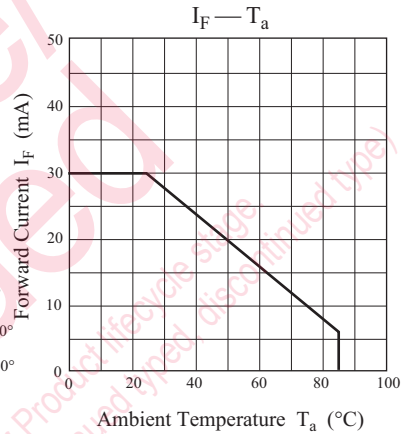
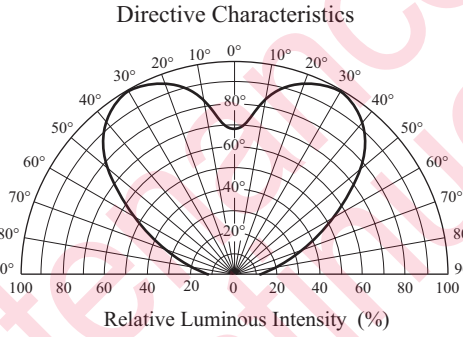
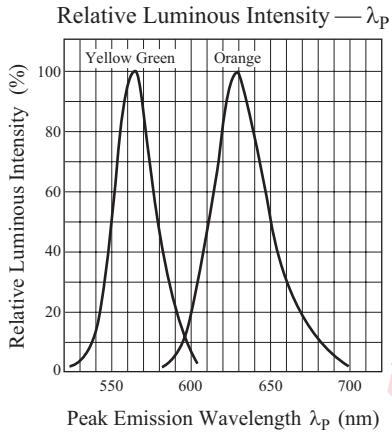
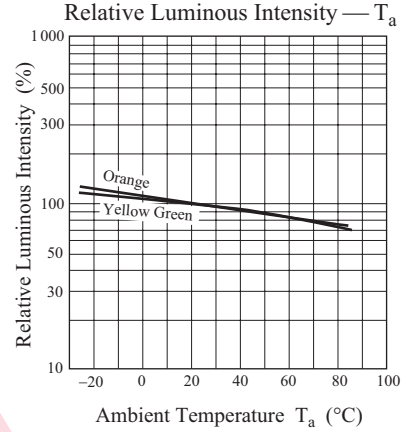
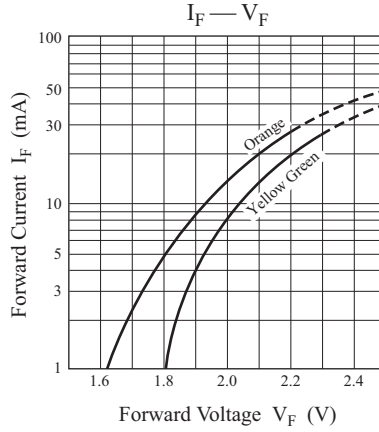
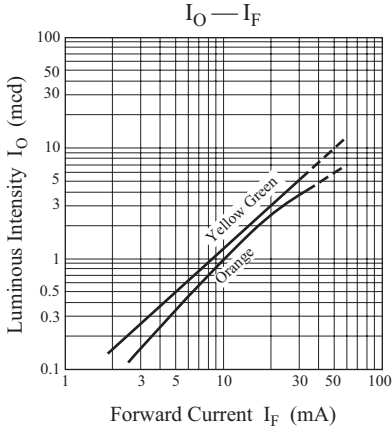
Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.■ Electro-Optical Characteristics  $T_a = 25^\circ\text{C}$ 

- Yellow Green

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	$I_O$		1.0	3.0		mcd
Reverse current	$I_R$	$V_R = 4\text{ V}$			10	$\mu\text{A}$
Forward voltage	$V_F$	$I_F = 20\text{ mA}$		2.2	2.8	V
Peak emission wavelength	$\lambda_p$	$I_F = 20\text{ mA}$		565		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20\text{ mA}$		30		nm

- Orange

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	$I_O$		1.0	2.5		mcd
Reverse current	$I_R$	$V_R = 3\text{ V}$			10	$\mu\text{A}$
Forward voltage	$V_F$	$I_F = 20\text{ mA}$		2.1	2.8	V
Peak emission wavelength	$\lambda_p$	$I_F = 20\text{ mA}$		630		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20\text{ mA}$		40		nm

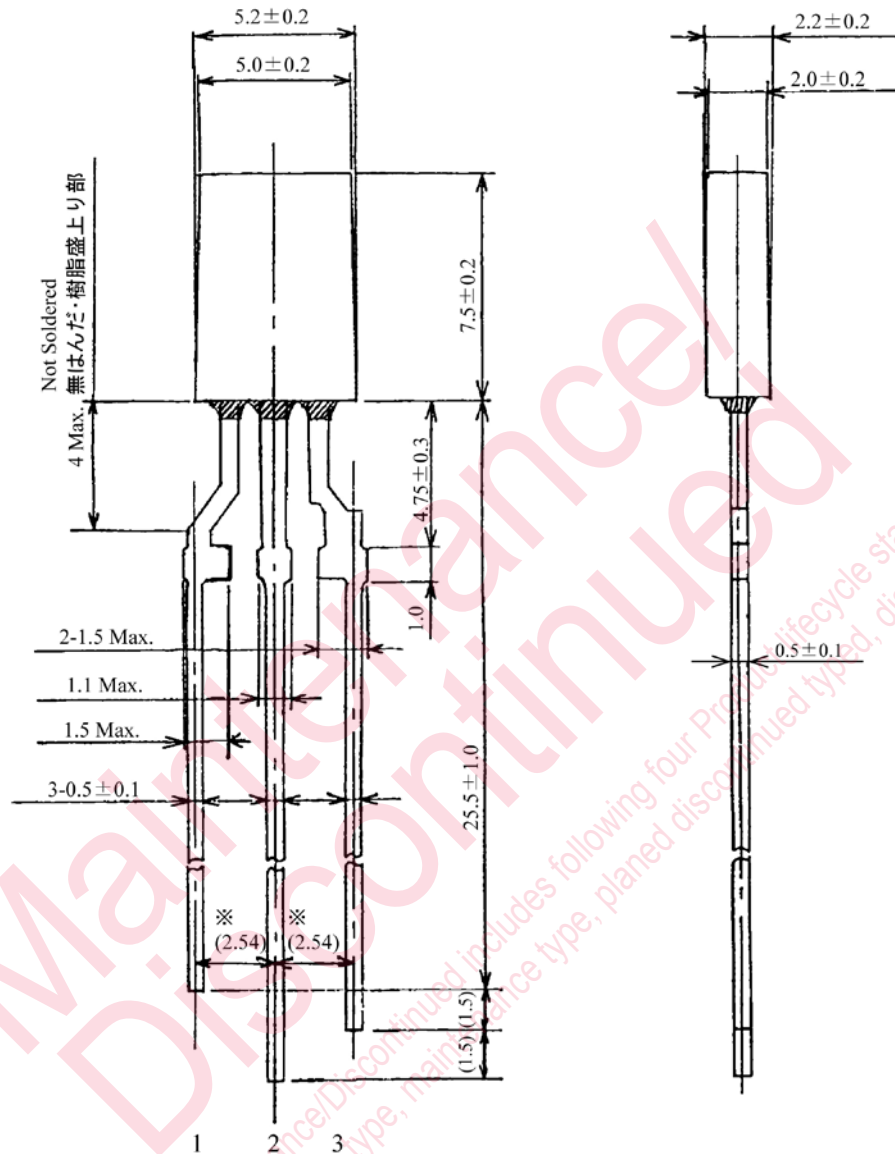


Maintenance/Discontinued

Maintenance/Discontinued includes following four Product life cycle stages  
(planned maintenance type, maintenance type, planned discontinued type, discontinued type)

■ Package (Unit: mm)

## LLXFTN3SH422



## 【注意/Notes】

1. 指示無き寸法公差  $\pm 0.2$  mm / Tolerance is  $\pm 0.2$  mm unless otherwise specified.
2. ※リード間寸法は樹脂根元寸法を示す / ※The size between leads shows a resin root size.
3. ( ) 寸法は参考値とする / ( ) A size is a reference.

● Pin name

- 1: Anode (Orange)
- 2: Cathode (Common)
- 3: Anode (Yellow Green)

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