Round Type

φ 2.8 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN263CPP	··· LNG263CBR ···	····· Red
LN363GCPP ······	··· LNG363MBG ··	····· Green
LN463YCPP ······	··· LNG463NBX ···	····· Amber
LN863RCPP	LNG863LBD	····· Orange

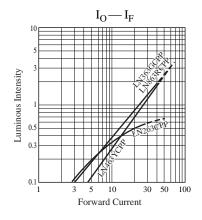
■ Absolute Maximum Ratings (T_a = 25°C)

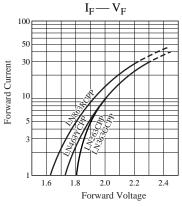
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)
Red	70	25	150	4	−25 ~ +85	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Amber	90	30	150	4	-25 ~ +85	-30 ~ +100
Orange	90	30	150	3	−25 ~ +85	-30 ~ +100

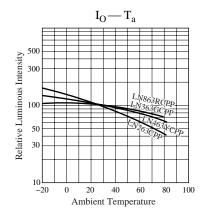
Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

■ Electro–Optical Characteristics ($T_a = 25$ °C)

		\ u										
Conventional	Lighting	Lens Color	Io			V _F		λ_{P}	Δλ		I _R	
Part No.	Color	Lens Color	Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	V_R
LN263CPP	Red	Clear	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN363GCPP	Green	Green Clear	1.0	0.40	20	2.2	2.8	565	30	20	10	4
LN463YCPP	Amber	Amber Clear	0.8	0.30	20	2.2	2.8	590	30	20	10	4
LN863RCPP	Orange	Red Clear	1.0	0.40	20	2.1	2.8	630	40	20	10	3
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μΑ	V







Unit: mm

 0.5 ± 0.1

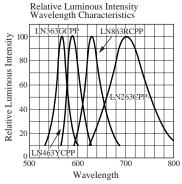
1: Anode 2: Cathode

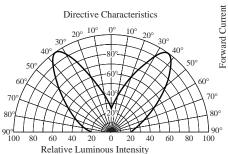
 $.8 \pm 0.2$ $\phi 3.0 \pm 0.2$ $\phi 2.8 \pm 0.2$

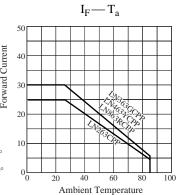
2.0 Max. NOT SOLDERED

0.2 R

2 - 0.8 Max $2 - 0.5 \pm 0.1$







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Caution for Safety



Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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- Any applications other than the standard applications intended.
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 - Even when the products are used within the guaranteed values, redundant design is recommended, so that such equipment may not violate relevant laws or regulations because of the function of our products.
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