



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Round Type

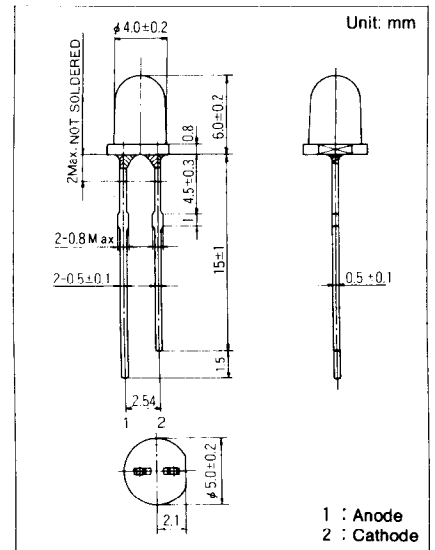
φ 4.0mm Series

Type No.	Lighting Color
LN49YPP	Amber
LN49YCPP	Amber
LN89RPP	Orange
LN89RCPP	Orange

絶対最大定格 Absolute Maximum Ratings (Ta=25 °C)

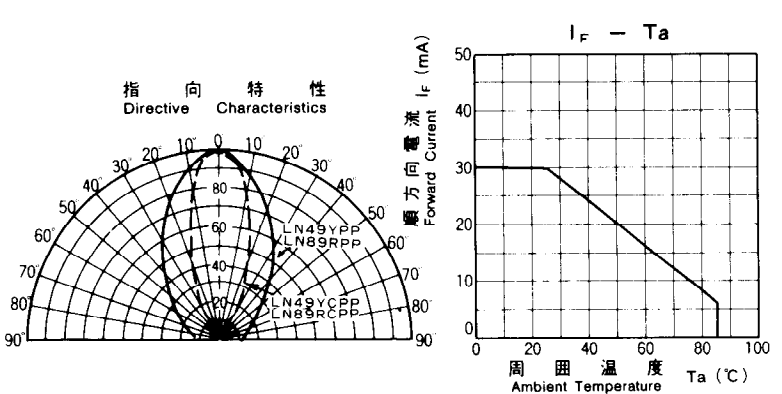
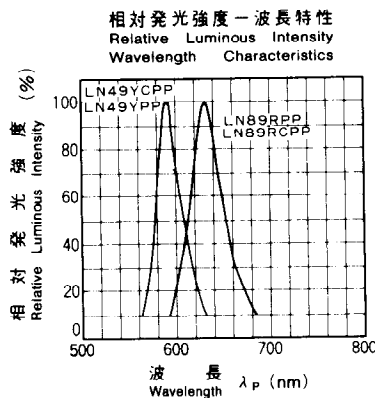
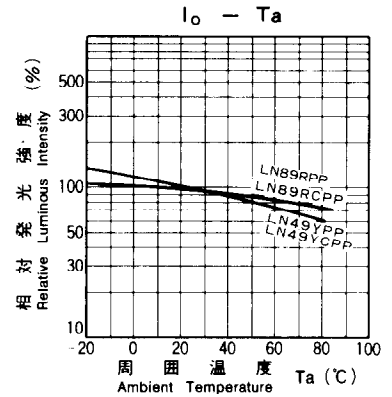
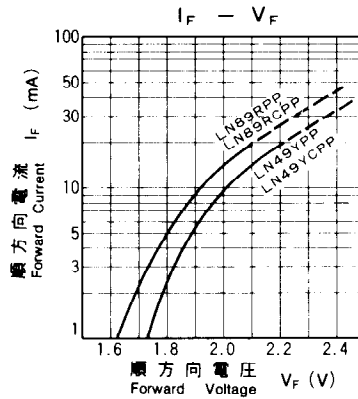
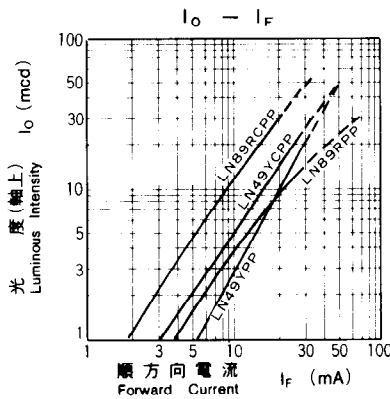
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	Topr (°C)	Tstg (°C)
Amber	90	30	150	4	-25~+85	-30~+100
Orange	90	30	150	3	-25~+85	-30~+100

* I_{FP}の条件は、duty 10%, Pulse width 1 msec The condition of I_{FP} is duty 10% Pulse width 1 msec



電気的光学的特性 Electro-Optical Characteristics (Ta=25 °C)

Type No.	Lighting Color	Lens Color	I _O			V _F		λ _P	Δλ	I _F	I _R	
			Typ.	Min.	I _F	Typ.	Max.	Typ.	Typ.		I _F	Max.
LN49YPP	Amber	Amber Diffused	10.0	3.5	20	2.2	2.8	590	30	20	10	4
LN49YCPP	Amber	Amber Clear	15.0	6.0	20	2.2	2.8	590	30	20	10	4
LN89RPP	Orange	Red Diffused	10.0	3.5	20	2.1	2.8	630	40	20	10	3
LN89RCPP	Orange	Red Clear	30.0	10.0	20	2.1	2.8	630	40	20	10	3
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μA	V



指向特性 Directive Characteristics

