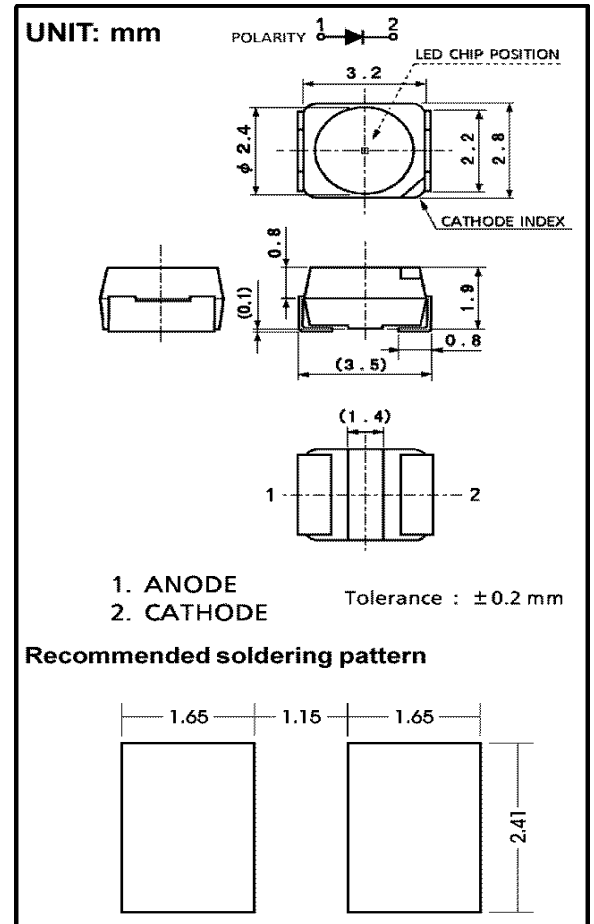


Features

3.2 (L) x 2.8 (W) x 1.9 (H) mm Size
 Flat-top Type
 InGaAlP Technology (Ultra High-Brightness Type)
 Low Drive Current, High Intensity Light Emission
 High Operating Temperature
 Standard Embossed Taping 8 mm Pitch : T09 (1000 pcs/reel)

Applications

Automotive Use
 Message Signboard
 Backlight



Series Line-Up

Part Number	Color	Material
TLOH1100	Ultra Bright Orange	InGaAlP
TLRH1100	Ultra Bright Red	InGaAlP
TLSH1100	Ultra Bright High Efficiency Red	InGaAlP
TLYH1100	Ultra Bright Yellow	InGaAlP

Maximum Ratings (Ta=25°C)

Part Number	Forward Current I _F	Reverse Voltage V _R	Power Dissipation P _D	Operating Temperature T _{opr}	Storage Temperature T _{stg}
TLOH1100	50	4	125.00	-40 ~ 100	-40 ~ 100
TLRH1100	50	4	125.00	-40 ~ 100	-40 ~ 100
TLSH1100	50	4	125.00	-40 ~ 100	-40 ~ 100
TLYH1100	50	4	125.00	-40 ~ 100	-40 ~ 100
Unit	mA	V	mW	°C	°C

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Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λ_P	Material	View Angle $2\theta_{1/2}$	Luminous Intensity I_v				Forward Voltage V_F				Rev Current I_R	
				min.	typ.	max.	IF@	min.	typ.	max.	IF@	max.	VR@
TLOH1100	612	InGaAlP	114°	85.00	260.00	–	20mA	–	2.10	2.50	20mA	50	4V
TLRH1100	644	InGaAlP	114°	47.60	130.00	–	20mA	–	1.90	2.50	20mA	50	4V
TLSH1100	623	InGaAlP	114°	85.00	240.00	–	20mA	–	2.10	2.50	20mA	50	4V
TLYH1100	590	InGaAlP	114°	85.00	190.00	–	20mA	–	2.10	2.50	20mA	50	4V
–	nm	–	deg	mcd			–	V			–	μA	–

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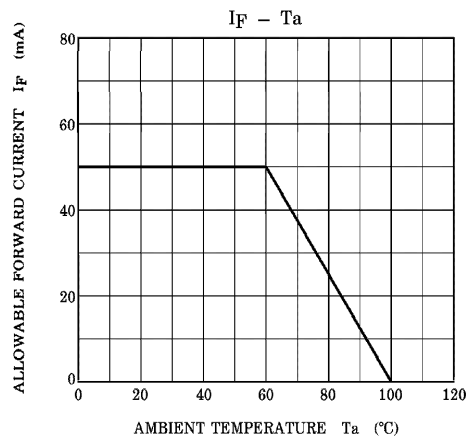
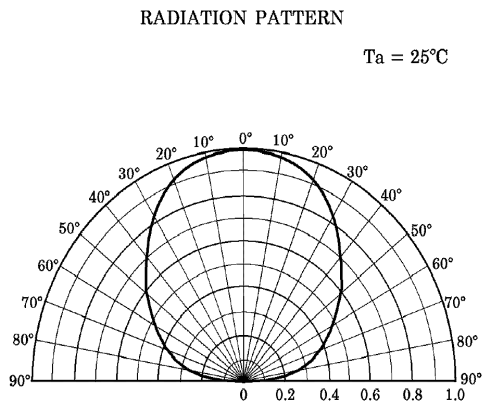
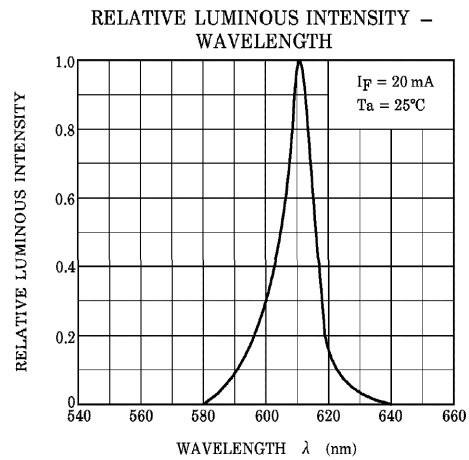
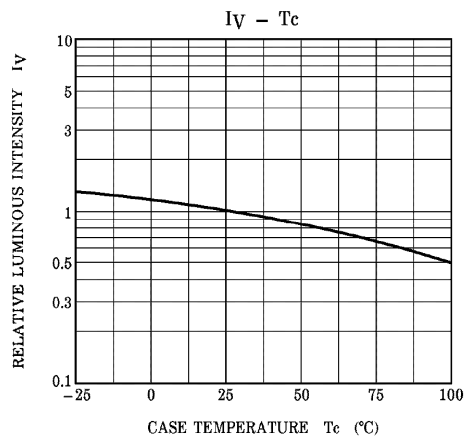
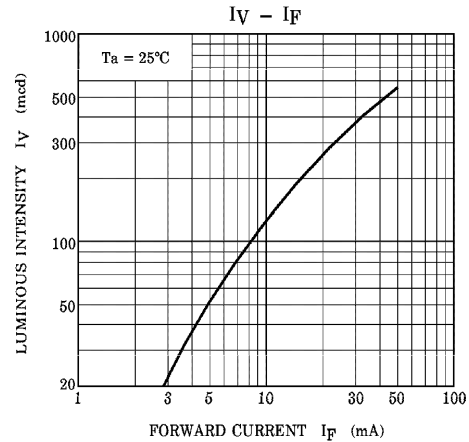
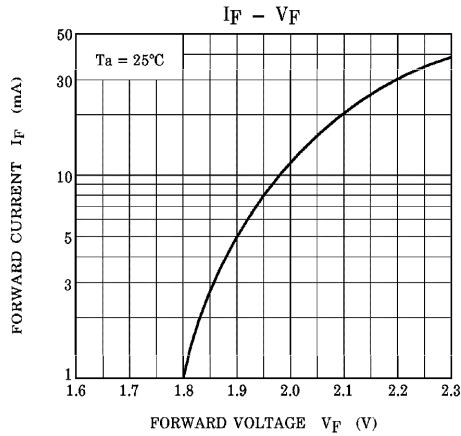
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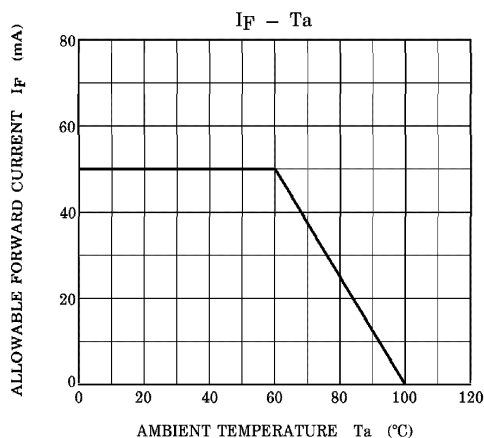
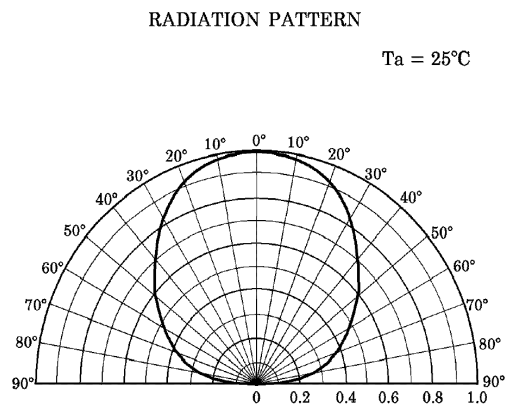
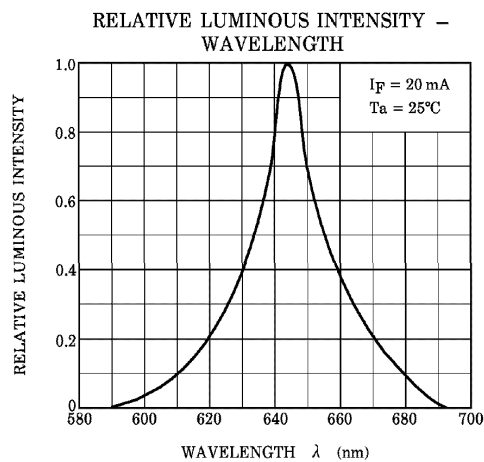
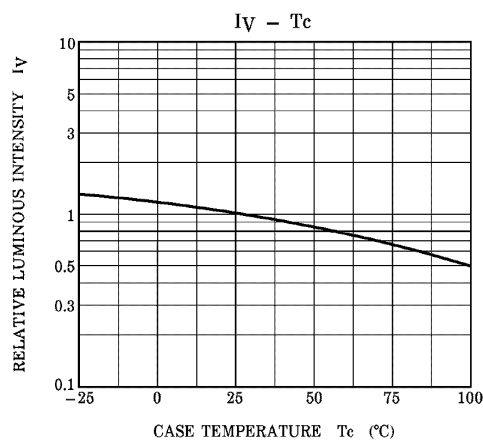
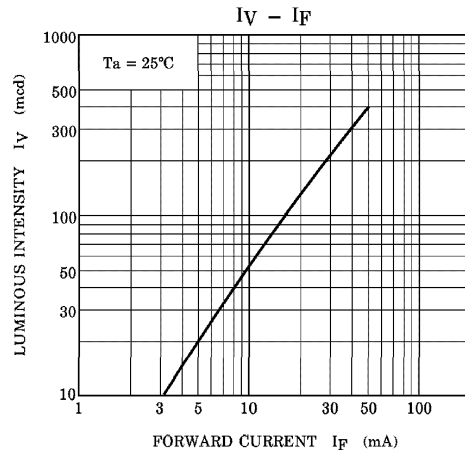
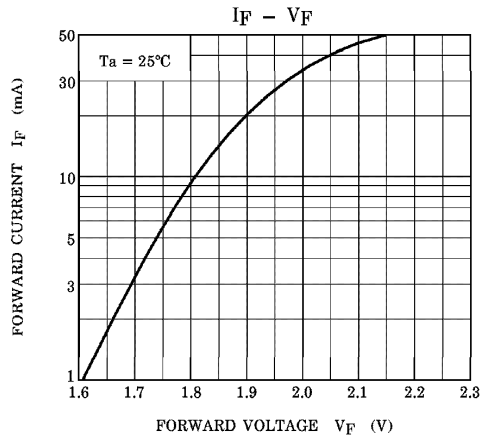
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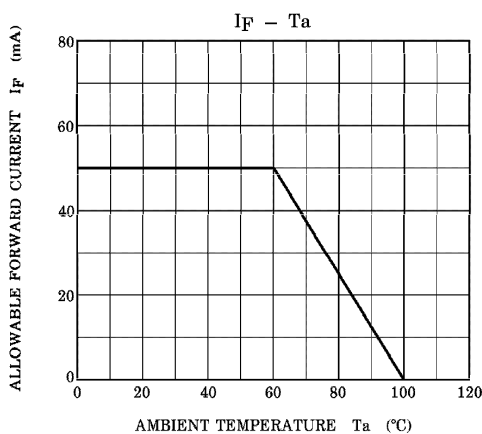
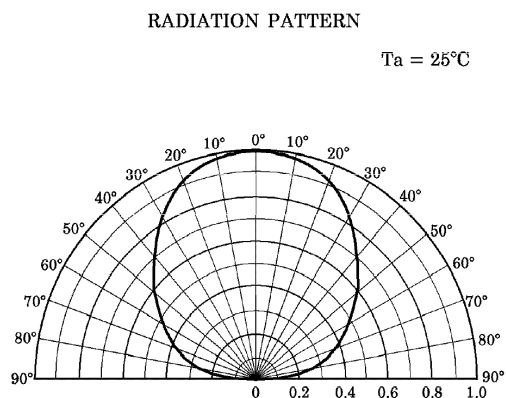
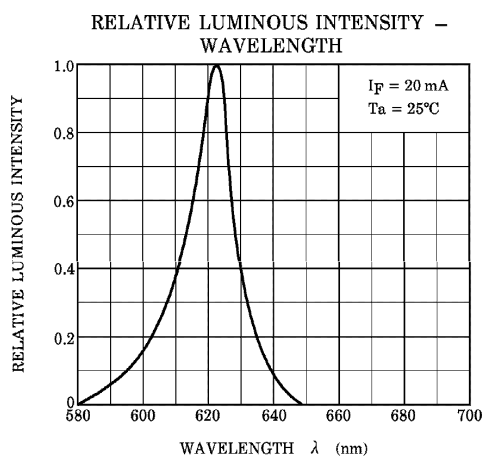
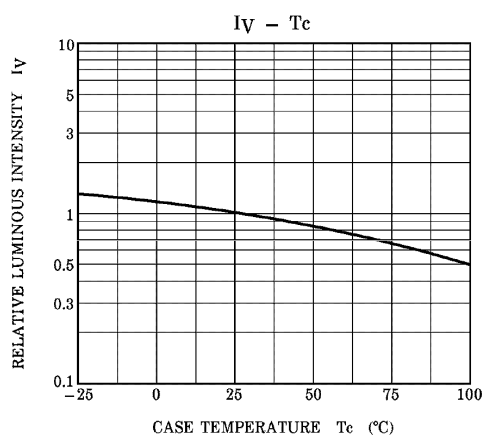
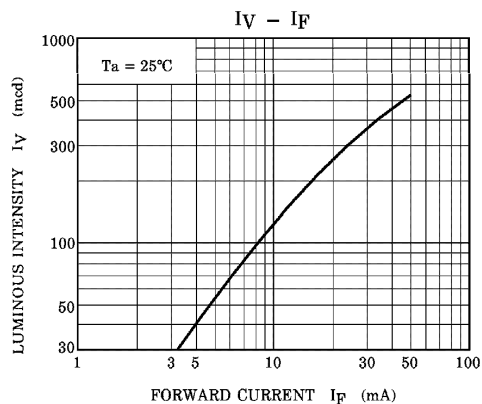
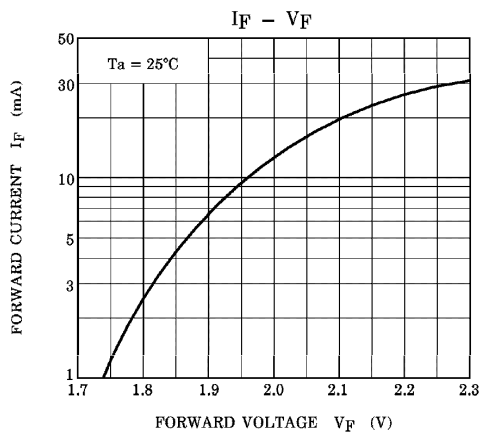
TLOH1100 Graphs



TLRH1100 Graphs



TLSH1100 Graphs



TLYH1100 Graphs

