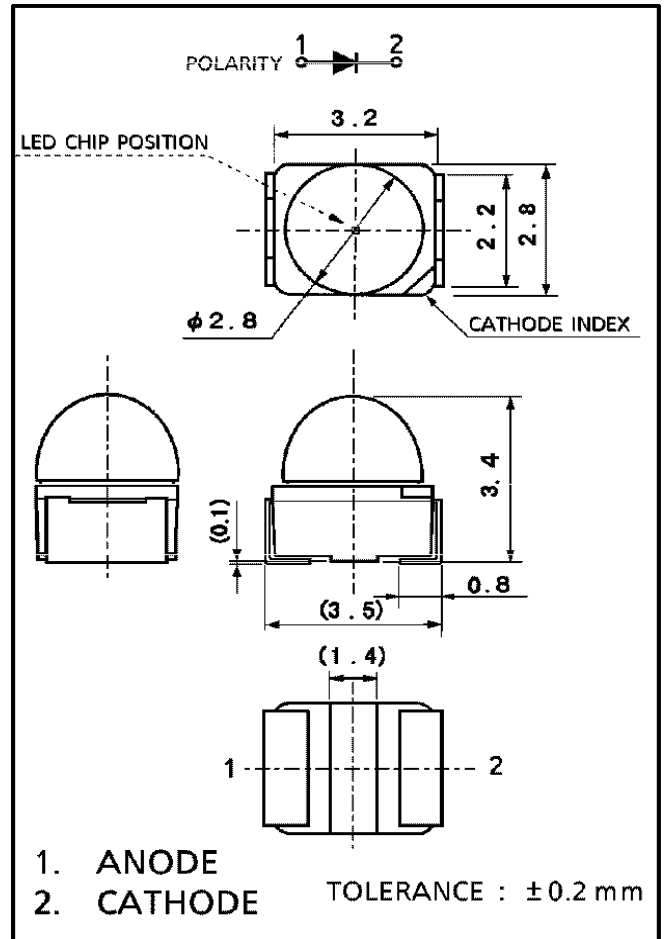


Features

3.2 (L) x 2.8 (W) x 3.4 (H) mm Size
 2.8 mm Diameter Lens-top Type
 InGaAlP Technology (High-Bright type)
 Low Drive Current, High Intensity Light Emission
 High Operating Temperature
 Standard Embossed Taping 8 mm Pitch : T10 (500 pcs/reel)

Applications

Automotive Use
 Message Signboard
 Backlight



Series Line-Up

Part Number	Color	Material
S4F43Q1	Ultra Bright Yellow Green	InGaAlP
S4F43Z1	Ultra Pure Green	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}
S4F43Q1	50	4	140.00	-40 ~ 100	-40 ~ 100
S4F43Z1	50	4	140.00	-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@
S4F43Q1	574	InGaAlP	56°	85.00	250.00	–	20mA	–	2.27	2.80	20mA	50	4V
S4F43Z1	562	InGaAlP	56°	27.20	60.00	–	20mA	–	2.27	2.80	20mA	50	4V
–	nm	–	deg	mcd				–	V		–	μ A	–

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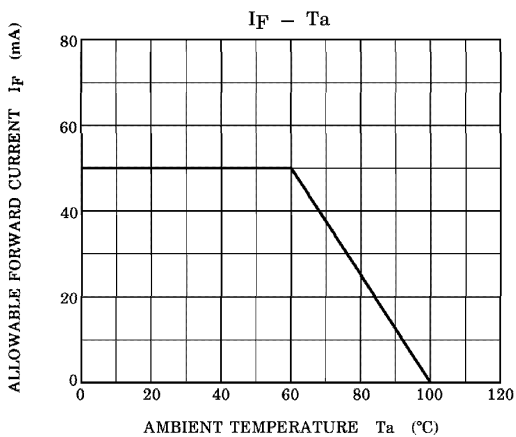
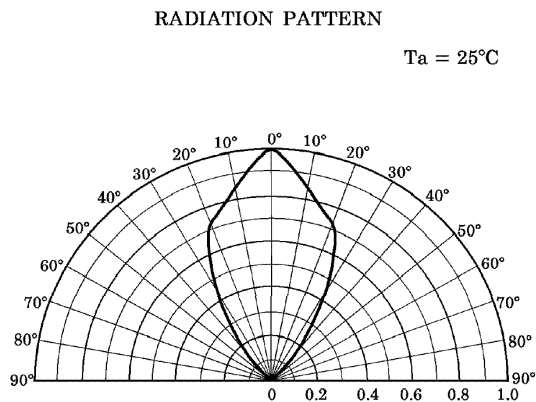
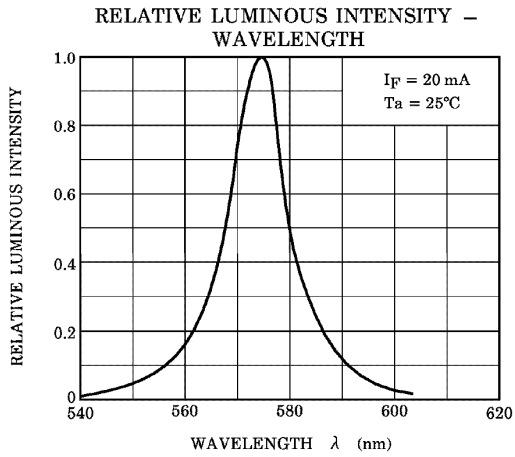
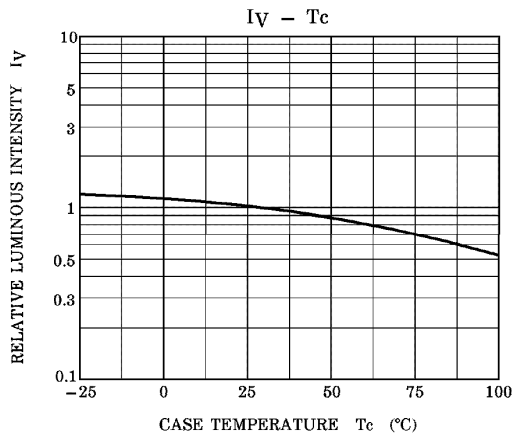
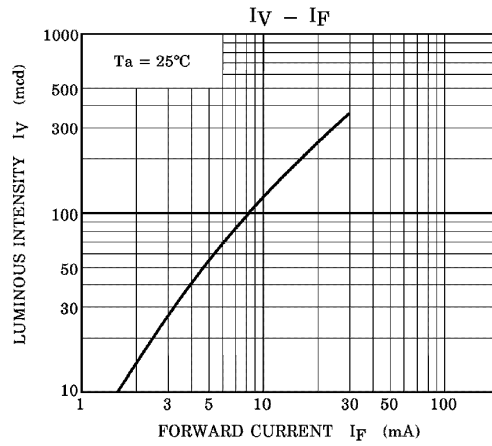
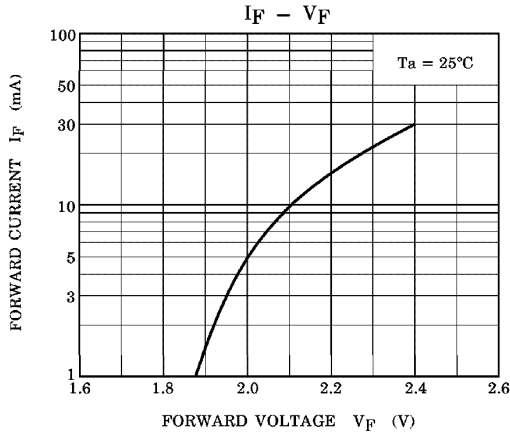
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S4F43Q1 Graphs



S4F43Z1 Graphs

