LED
Yellow, 5mm

multicomp PRO

Features:

- Built-in IC chip, flashes lamp on and off to attract attention
- Operating voltage range   : 3V to 10V DC
- 1/4 duty cycle
- Blinking frequency   : 2.4Hz (V_{dd} = 5V)
- Frequency tolerance   : 20%

Specifications:

Dice material   : GaAsP on GaP
Emitted colour   : Yellow
Lens colour   : Yellow Diffused
Peak wavelength   : 587nm
Viewing angle   : 45°
Luminous intensity (IV) : 9.8mcd

Absolute Maximum Ratings (T_a = 25°C)

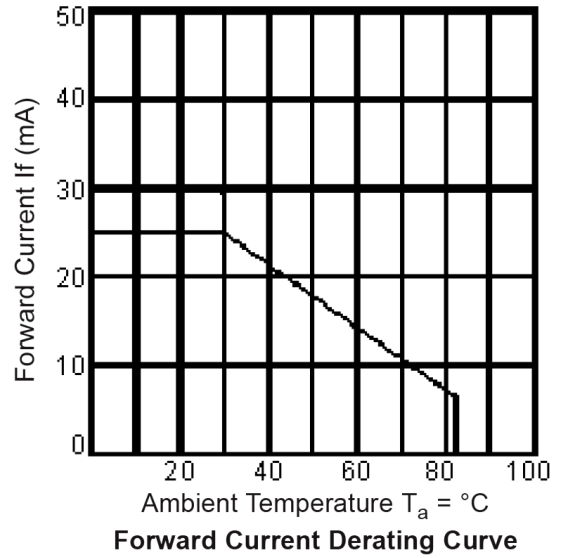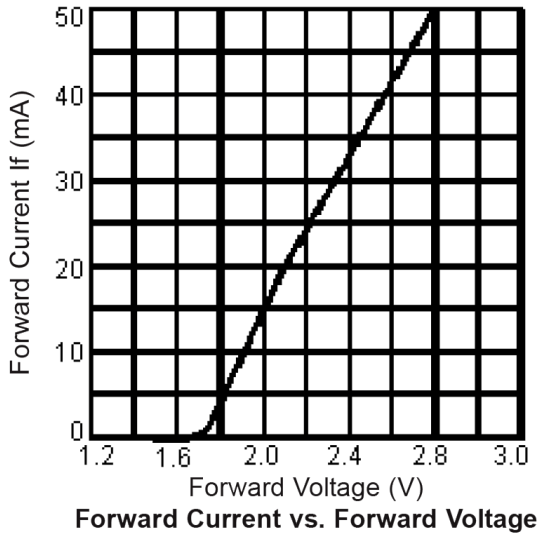| Parameter	Maximum	Unit
Continuous Forward Current	30	mA
Derating Linear From 50°C	0.4	mA/°C
Reverse Voltage	5	V
Operating Temperature Range	-40°C to +85°C	
Lead Soldering Temperature [4mm (0.157 inch) from body]	260°C for 5 Seconds	

Electrical/Optical Characteristics at T_a = 25°C

Parameter	Symbol	Minimum	Typical	Maximum	Unit	Test
Luminous Intensity	I_V	-	9.8	-	mcd	I_f = 20mA
Peak Emission Wavelength	λP	-	587	595	nm	Measurement at Peak
Dominant Wavelength	λD	-	590	-		I_f = 20mA-
Operating Voltage	V_{dd}	3	5	10	V	-
Blinking Frequency	F_{blk}	2	2.4	2.8	Hz	-
Reverse Current	I_R	-	-	100	µA	V_R = 5V

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Yellow (GaAsP/GaP) λP = 587nm)

Forward Current vs. Forward Voltage

Forward Current Derating Curve

Yellow (GaAsP/GaP) λP = 587nm)

Luminous Intensity vs. Forward Current

Luminous Intensity vs. Ambient Temperature

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Relative Intensity vs. Wavelength

Dimensions : Millimetres (Inches)
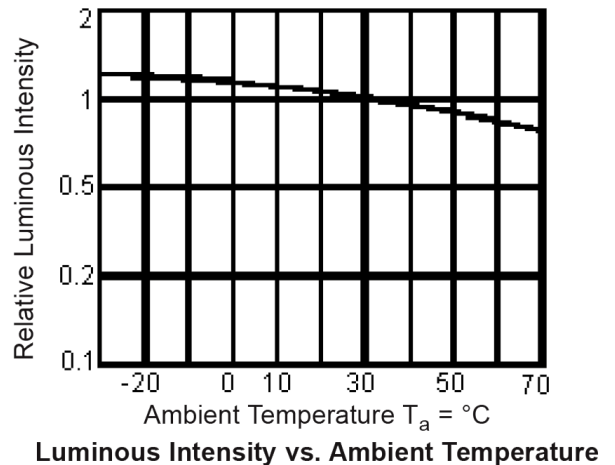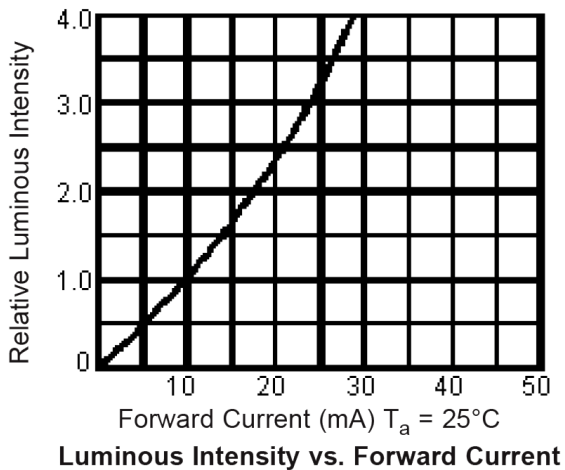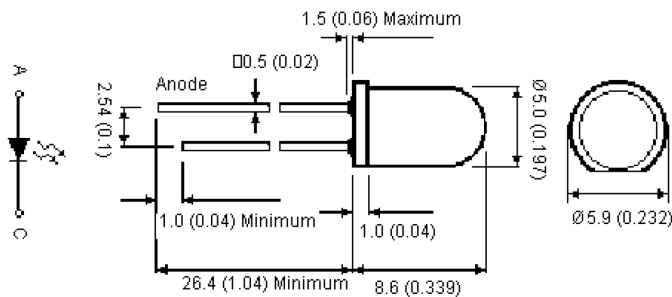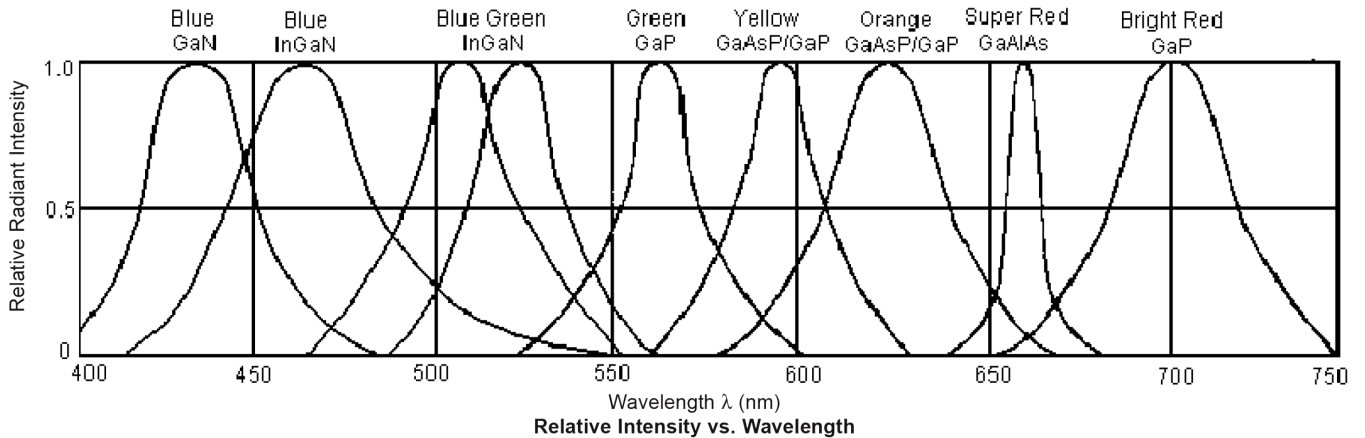
Part Number Table

Description	Part Number
LED, Flashing, 5mm, Yellow	MCLF056YD

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