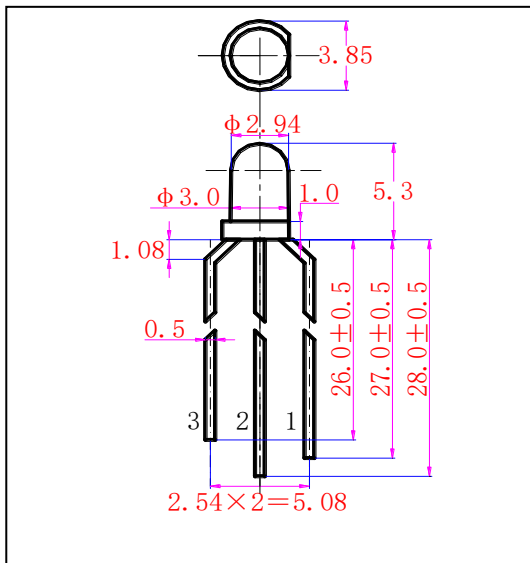


Product model (Part number system for LED lamp) 3MM red green dual color transparent

Package Dimensions Unit: mm Maximum absolute value at Ta=25 °C:



project	Symbol	numerical		unit
Chip		Red	Green	
Maximum	IF	20	20	mA
Reverse	VF	5	5	V
Usage	TOP	-25~+85	-25~+85	°C
Welding	TSOL	260/≤3	260/≤3	°C/S
Power	PD	80	100	mW
Maximum		40	40	mA

Chip		
Chip type	GaP	GaP
Color: Red	Red	Green

Colloid	
Material:	Epoxy
Color	Misty

Optoelectronic parameters (Initial Electrical Optical Characteristics)

Chip type: red light chip		green light chip			Chip type: red light chip				
Project parameters	Symbol	minimum value	general value	maximum value	Minimum value	general value	maximum value	unit	testing conditions
Luminous	IV	300	400	500	100	120	150	mcd	IF=20mA
Luminous	2θ1/2	/	30	/	/	30	/	deg	IF=20mA
Peak	λp	/	625	/	/	572	/	nm	IF=20mA
Main	λd	635	638	640	560	570	580	nm	IF=20mA
bandwidth	Δλ	/	30	/	/	30	/	nm	IF=20mA
Forward	VF	1.9	2.1	2.3	1.8	2.0	2.2	V	IF=20mA
Reverse	IR	/	/	≤30	/	/	≤30	μ A	VR=5V

Note: The LED products provided by our company can be customized according to customer needs, and the relevant technical parameters may change. For detailed information, please consult our relevant personnel.

Through aging experiments, it has been proven that this LED has a service life of 30000 to 100000 hours under normal operating conditions, namely IF=20mA and VF=2.5V.

Note: Follow the anti-static welding operation (grounding wire, wearing static ring, wearing pure cotton finger cots)