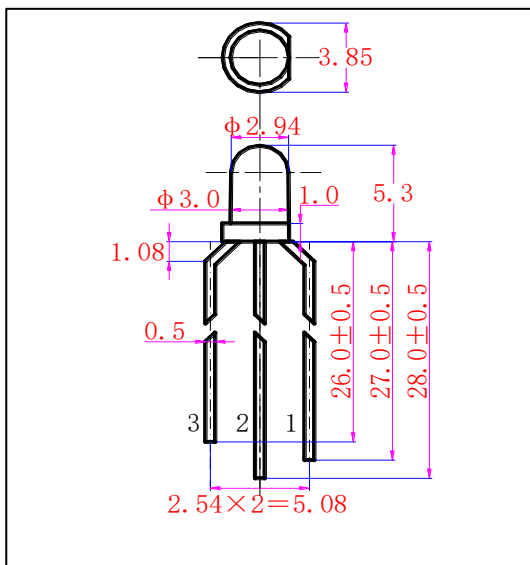


Product model (Part number system for led lamp) **3MM red blue dual color shade transparent**

Outline drawing (Package Dimensions) Company: (Unit): mm Maximum absolute value at Ta=25 °C:



Project	Symbol	numerical value		Company
Chip variety		Red light	blue	
Maximum operating current	IF	20	20	mA
Reverse voltage	VF	5	5	V
Usage temperature	TOP	-25~+85	-25~+85	°C
Welding temperature/time	TSOL	260/≤3	260/≤3	°C/S
Power consumption	PD	80	100	mW
Maximum forward current		40	40	mA

Chip		
Chip type	GaP	GaP
Color	Red light	blue

Colloid	
Materia	Epoxy resin
Color	Transparent

Optoelectronic parameters (Initial Electrical Optical Characteristics)

Chip type		Red light chip			Green chip				
Project parameter symbol	general value	maximum value	minimum value	general value	maximum value	unit	testing conditions	Project parameter symbol	general value
minimum value								minimum value	
Luminous	IV	300	400	500	2000	3000	4000	mcd	IF=20mA
Luminous	2θ1/2	/	30	/	/	30	/	deg	IF=20mA
Peak	λp	/	625	/	/	460	/	nm	IF=20mA
Main	λd	635	638	640	460	465	470	nm	IF=20mA
bandwidth	Δλ	/	30	/	/	30	/	nm	IF=20mA
Forward	VF	1.9	2.1	2.3	3.0	3.2	3.4	V	IF=20mA
Reverse current	IR	/	/	≤30	/	/	≤30	μA	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 $I_F=20\text{mA}$ and $V_F=2.5\text{V}$.

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