

Hochleistungs-LED HSBL-5101L

Best.Nr. 120 217

Technische Daten:

- Lichtfarbe: blau
- Gehäusefarbe: glasklar
- Abmessungen (ØxH): 5x9 mm
- Länge Anschlußdrähte: 25 mm

Absolut Maximum Ratings

(Ta=25°C)

Series	Symbol	Testing Condition	Characteristics		Unit
			Max.	Min.	
Power Dissipation	Pd	-	100	-	mW
Reverse Voltage	VR	IR=50 µA	-	7	V
Peak Vorward Current	Ipeak	Duty=0.1, 1 kHz	80	-	mA
Derating Linear	I/C	-	0,25	-	mA/°C
Operating Temperature Range	Topr	-	+75	-25	°C
Storage Temperature Range	Tstr	-	+100	-40	°C
Lead Soldering Temperature	Tsol	260°C for 5 sec. 3,0 mm from resin)			

Electro-Optical Characteristics

(Ta=25°C)

Series	Symbol	Testing Condition	Characteristics			Unit
			Max.	Typ.	Min.	
Forward Voltage	VF	IF=20 mA	4,0	3,6	-	V
Reverse Current	IR	VR=5 V	30	-	-	µA
Peak Emission Wavelength	λp	IF=20 mA	-	470	-	nm
Spectrum Width of Half Value	Δλ	IF=20 mA	-	20	-	nm
Luminous Intensity Angle	2φ 1/2	IF=20 mA	-	15	11	°
Luminous Intensity	IV	IF=20 mA	-	1500	-	mcd

Remarks: Luminous Intensity is measured by JF-II Tester of KELI