## **StarLED** Red Point-Source LED Die



MED7P25 is an AllnGaP red point source LED with a small emitting window. This die is ideally suited for use in applications where high and parallel output power is required such as optical switches and sensors.



## Absolute Maximum Ratings\* (Ta=25°C)

Parameter	Symbol	Rating	Unit
Forward Current	lF	80	mA
Reverse Voltage	VR	3	V
Operating Temperature	Topr	-40~85	°C
Storage Temperature	Tstg	-40~100	°C

## Electro-Optical Characteristics\* (Ta=25°C)

Parameter	Symbol	Condition	Min.	Тур.	Max.	Unit
Forward Voltage	VF	I⊧=60mA	-	2.2	3.0	V
Reverse Current	lR	Vr=3V	-	-	10	μA
Output Power	Po	l⊧=60mA	6.0	9.0	-	mW
Peak Wavelength	λρ	I⊧=60mA	630	650	670	nm

\*As mounted on TO18 header and hermetically sealed.

\*The values are measured by our equipment.



## MED7P25



This catalogue was compiled in June 2025. All items listed in the catalogue are subject to change without any prior notice.

Products listed in this catalogue are designed and manufactured for use in standard applications (eg: household appliances, OA/AV, telecommunications, measurement instruments). The customers should take security measures, when used the products in critical reliability and security applications (eg: space and aviation, critical-safety transport applications, nuclear power control, medical, life-supporting units and equipment). We assume no liability for damages incurred by use of the products without taking measures described above.



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