03 / 2020

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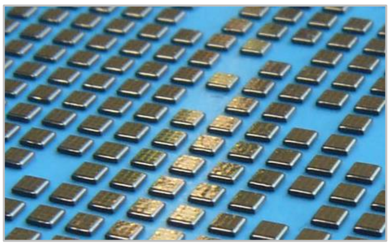
ELC-1550-27

- **Infrared LED bare chip die**
- **1550 nm**
- **InGaAs MQW**
- **n-side up**
- **RoHS compliant**

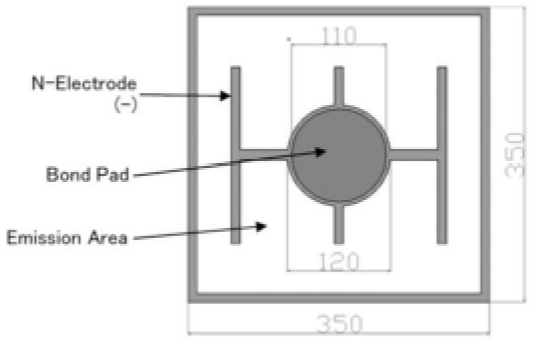


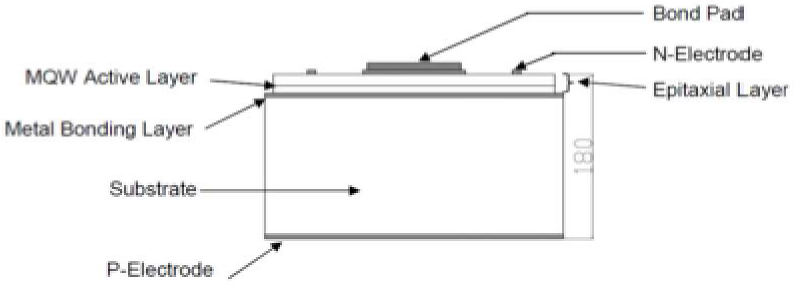
RoHS COMPLIANT
Pb Pb-Free

Electro-Optical Characteristics (TCASE = 25°C)

Parameter	Condition	Symbol	Values			Unit
			Min.	Typ.	Max.	
Peak Wavelength	**I_F=20 mA**	**λ_p**		**1550**		**nm**
Output Power (bare die on TO-18 header)	**I_F=20 mA**	**P_O**		**2.1**		**mW**
Forward Voltage	*IF=20 mA*	V_F		0.9		V

Outline Dimensions





All dimensions in µm

Die size	typ. 0.350 x 0.350 mm (14 mil)
Die thickness	typ. 0.180 mm (7 mil)
Bond pad size	Ø 0.110 mm
Contact metallization	gold alloy