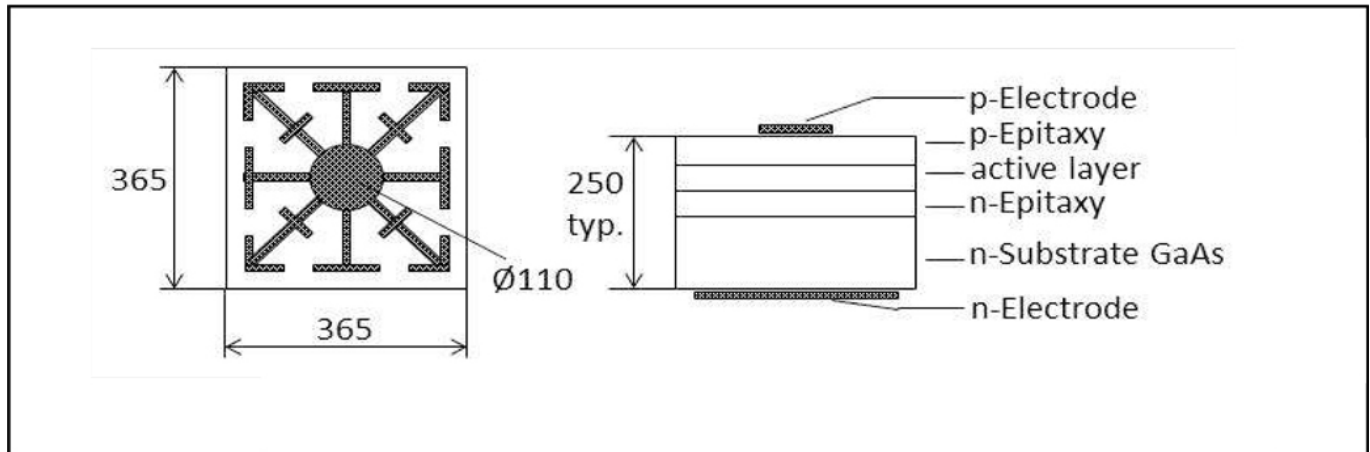




## ELC-1060-17-1

Radiation	Type	Electrodes
Infra Red	MQW	P (anode) up



### Optical and Electrical Characteristics

$T_{amb} = 25^{\circ}\text{C}$ , unless otherwise specified

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F=20\text{mA}$	$V_F$		1.15	1.30	V
Forward voltage	$I_F=100\text{mA}$	$V_F$		1.25	1.40	V
Reverse current	$I_R=5\text{V}$	$I_R$			10	$\mu\text{A}$
Output power	$I_F=50\text{mA}$	$\Phi_e$		4.0		mW
Radiant intensity	$I_F=100\text{mA}$	$I_e$		1.0		mW/sr
Peak wavelength	$I_F=20\text{mA}$	$\lambda_p$	1040	1060	1080	nm
FWHM	$I_F=20\text{mA}$	$\frac{1}{2} \lambda_p$		80		nm
Switching time	$I_F=20\text{mA}$	$t_r, t_f$		20		ns

<sup>1</sup> Measured on bare chip on TO18 header

### Packing

Chips on adhesive film with wire-bond side top



© All Rights Reserved

The above specifications are for reference purpose only and subjected to change without prior notice