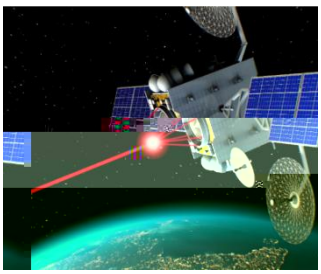
Product features

Applications



特性参数

Absolute Maximum Ratings Ta=25

parameter	symbol	Value	unit
power	Po	7	W
Working Current	Iop	4	A
backward voltage	VR	2	V
working temperature	TOP	-20 60	
Storage Temperature	Tstg	-40 85	
Junction temperature	Tj	135	
Welding conditions	Tsol	reflow soldering 240°C 6s manual welding 300°C 3s	

Recommended Operating Conditions

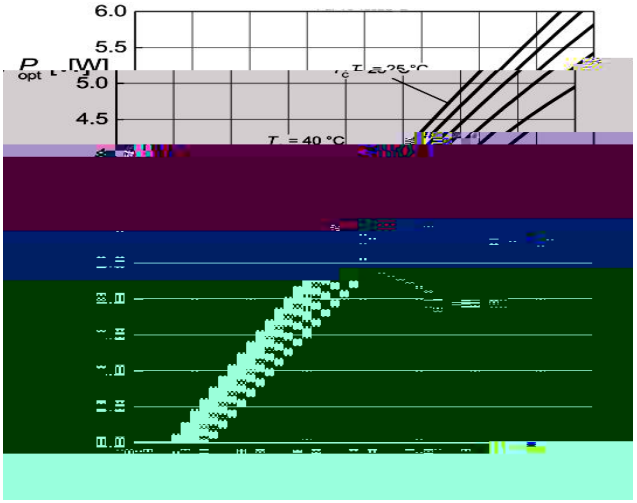
parameter	symbol	Value	unit
Threshold Current	Ith	0.31	
Working Current	Iop	3.6	
working voltage	Vop	4.8	

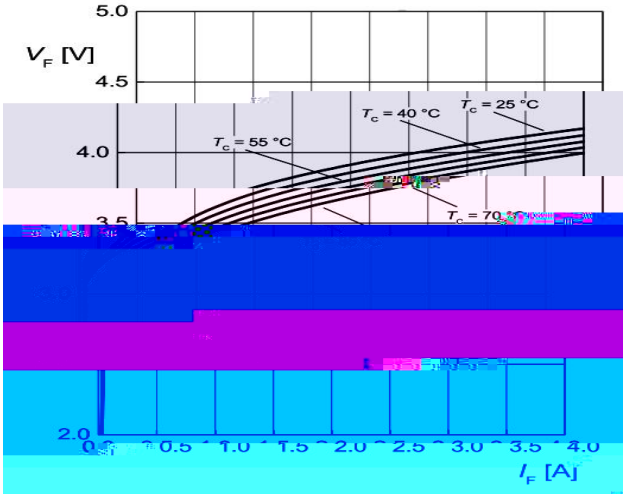
Optoelectronic Parameters

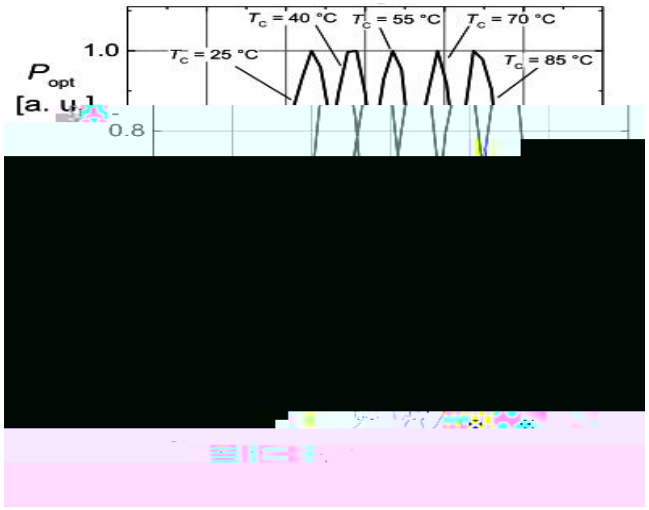
Parameter	Symbol	Test condition	min	typ	max	Unit
Threshold Current	Ith	-	-	0.3	0.4	A
Working Current	Iop	Po=4W	-	3.7	4.0	A
working voltage	Vop	Po=4W	-	4.1	4.8	V
Central Wavelength	λc	Po=4W	λc-3	λc	λc+3	nm

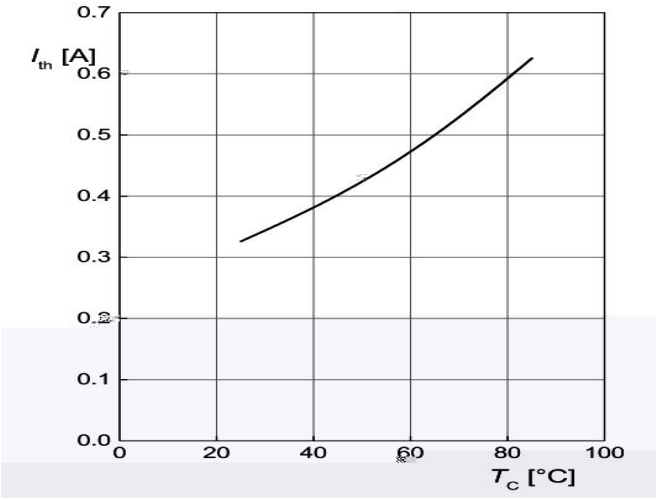
典型特性曲线

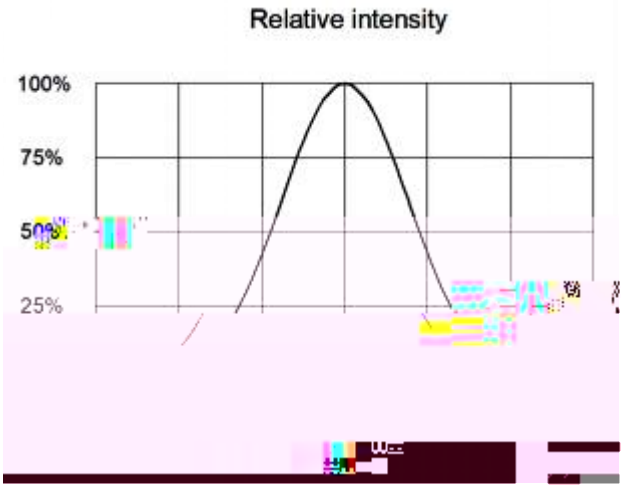
Typical Characteristics Curves

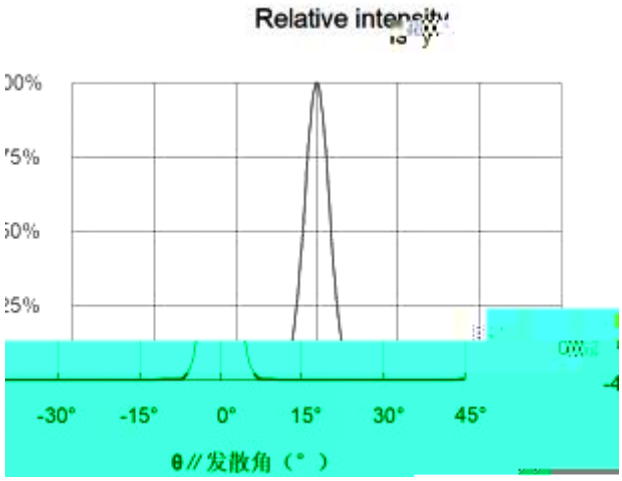






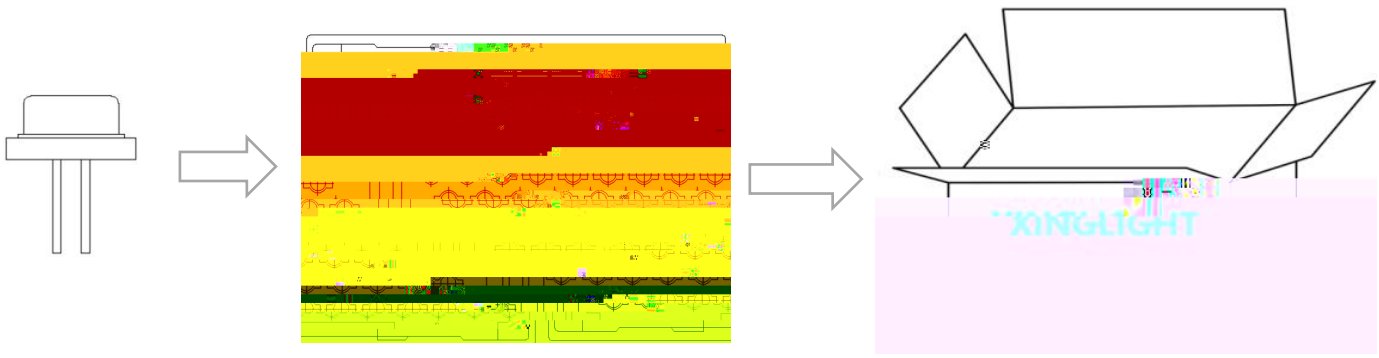






包装

Packaging



1. Feet assembly