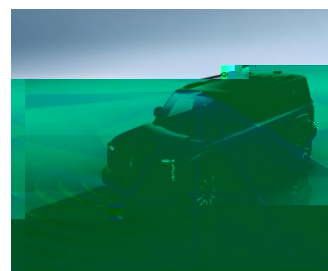


Product features



Applications





特性参数

natural parameter

Absolute Maximum Ratings Ta=25

parameter	symbol		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

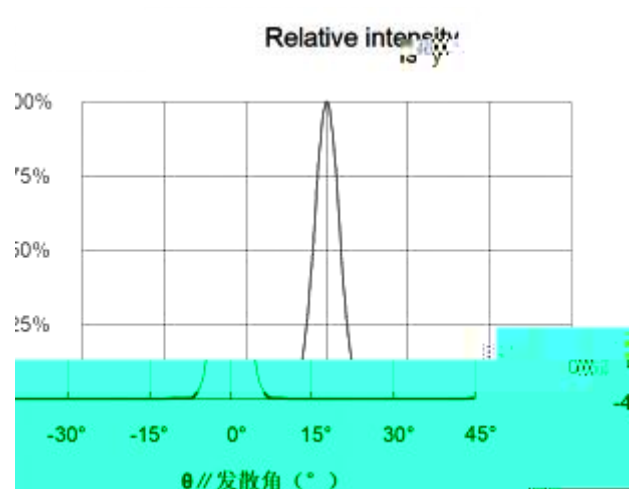
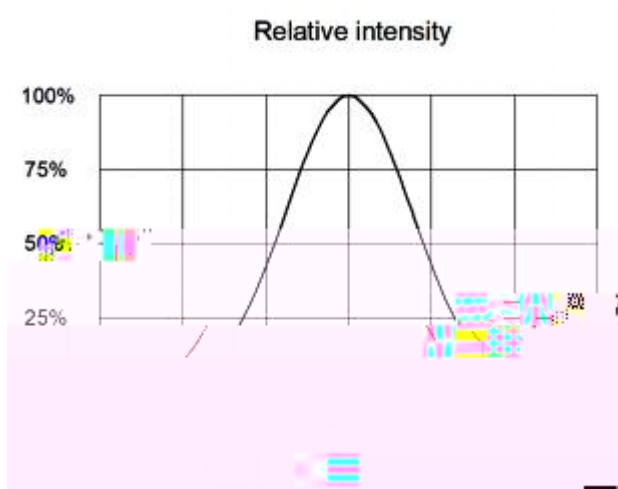
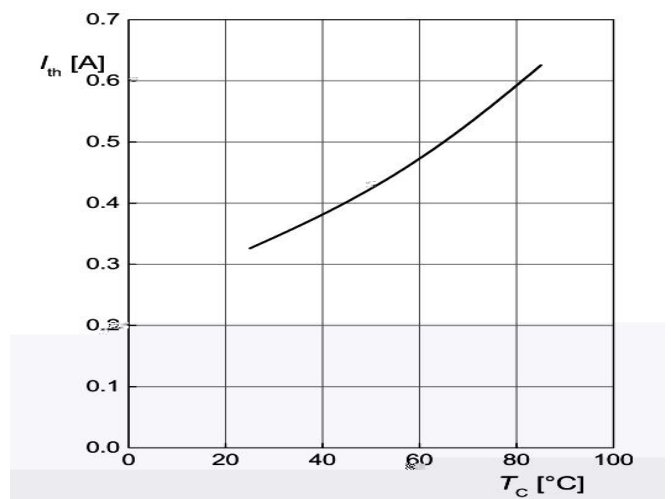
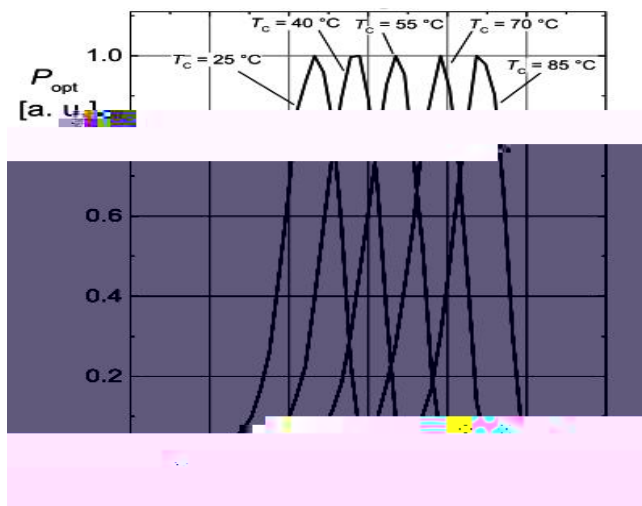
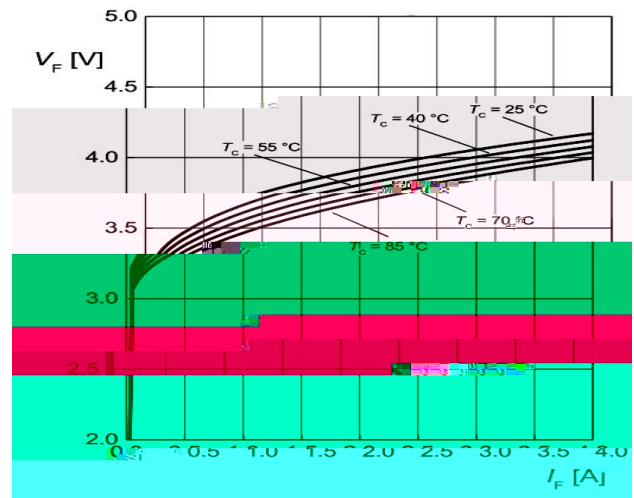
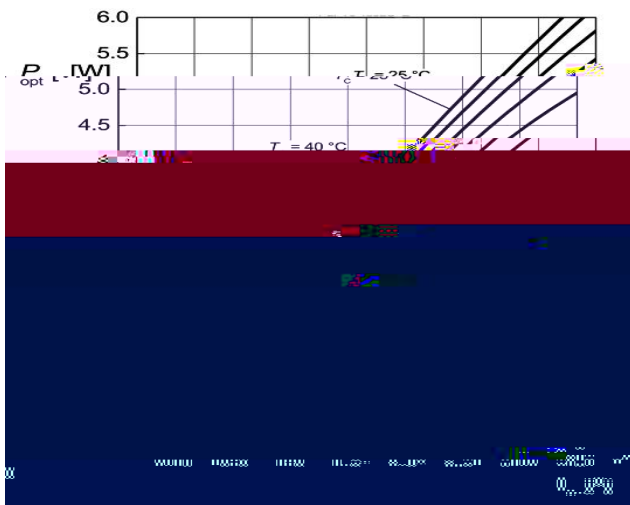
Recommended Operating Conditions

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

parameter	symbol	Test condition	min	typ	max	unit
Threshold Current	I_{th}	-	-	0.3	0.4	A
Working Current	I_{op}	$P_o=4W$	-	3.7	4.0	A
working voltage	V_{op}	$P_o=4W$	4.1	4.2	4.8	V
Central wavelength	λ_c			850		nm

典型特性曲线

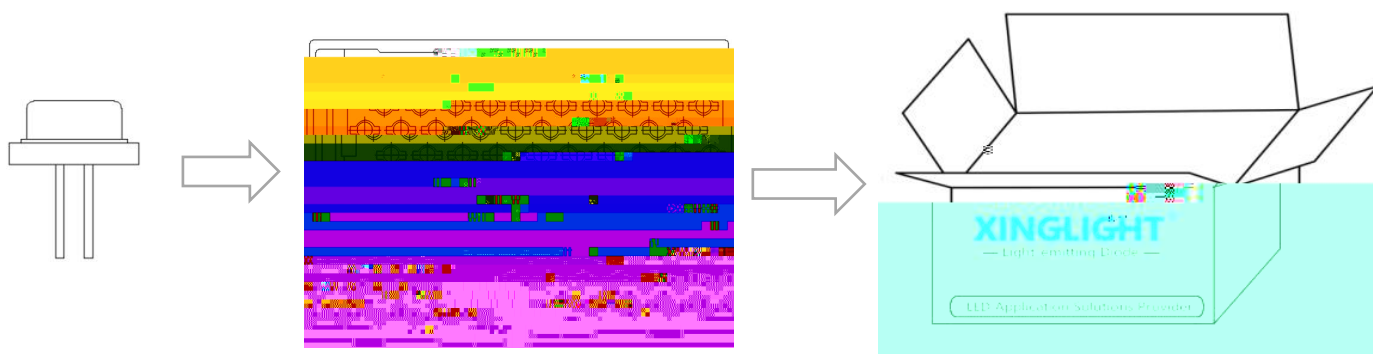
Typical Characteristics Curves





包装

Packaging



1. Feet assembly