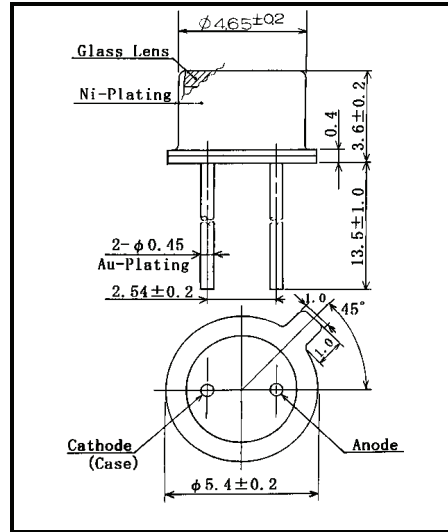
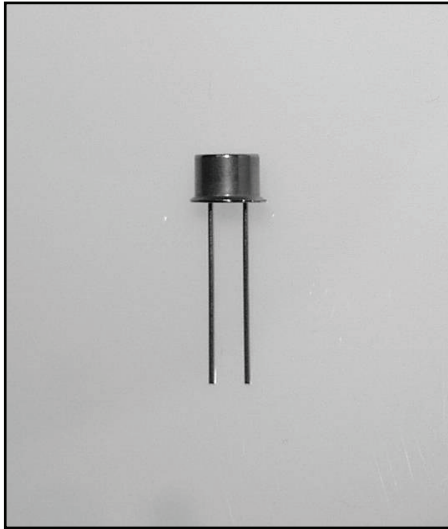


# MTPS9067WC

## Point Source LED



Dimensions (Unit:mm)

- FEATURES**
- Red Color Point-Source LED
  - Emitting Window Dia.  $\phi$  150  $\mu$  m
  - Small Temp. Coefficient of PO
  - High Reliability in Demanding Environments
- APPLICATIONS**
- Optical Switches
  - Optical Instruments

## 2.ELECTRICAL & OPTICAL CHARACTERISTICS (Ta=25°C)

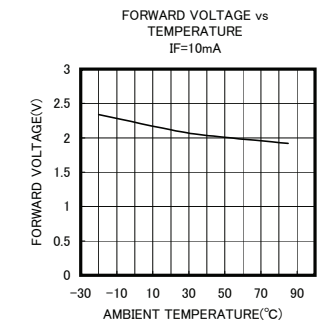
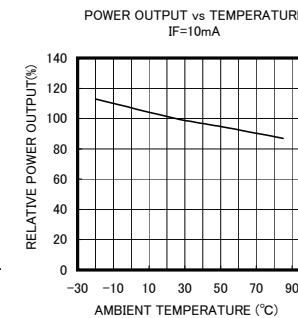
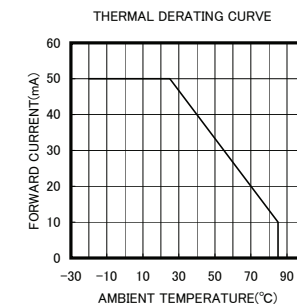
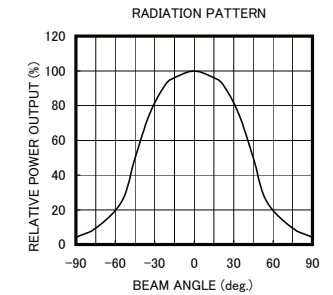
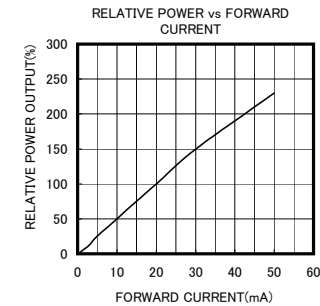
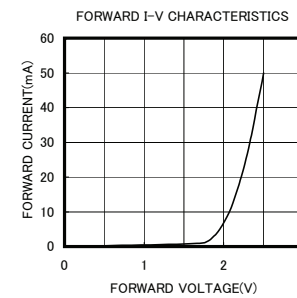
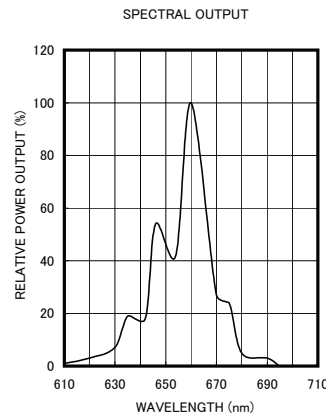
ITEM	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNIT
Power Output	PO	IF=20mA	0.2	0.4		mW
Forward Voltage	VF	IF=20mA		2.2	2.5	V
Reverse Current	IR	VR=5V			10	$\mu$ A
Peak Wavelength	$\lambda_p$	IF=20mA	630	650	670	nm
Spectral Line Half Width	$\Delta \lambda$	IF=20mA		20		nm
Half Intensity Beam Angle	$\theta$	IF=20mA		$\pm 45$		deg.
Temp. Coefficient of PO	P/T	IF=10mA		-0.24		%/°C
Temp. Coefficient of VF	V/T	IF=10mA		-3.8		mV/°C

## 1. ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

ITEM	SYMBOL	RATINGS	UNIT
Forward Current (DC)	IF	50	mA
Forward Current (Pulse)*1	IFP	0.3	A
Reverse Voltage	VR	5	V
Power Dissipation	PD	125	mW
Operating Temp.	Topr	-20 TO 85	°C
Storage Temp.	Tstg	-30 TO 100	°C
Junction Temp.	Tj	100	°C
Lead Soldering Temp.*2	Tls	260	°C

\*1:Tw=10uS,T=10mS

\*2:Time 5 Sec max,Position:Up to 3mm from the body



To purchase this part contact  
Marktech Optoelectronics at  
**800.984.5337**

**Marktech**  
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www.marktechopto.com



2009/7/2