



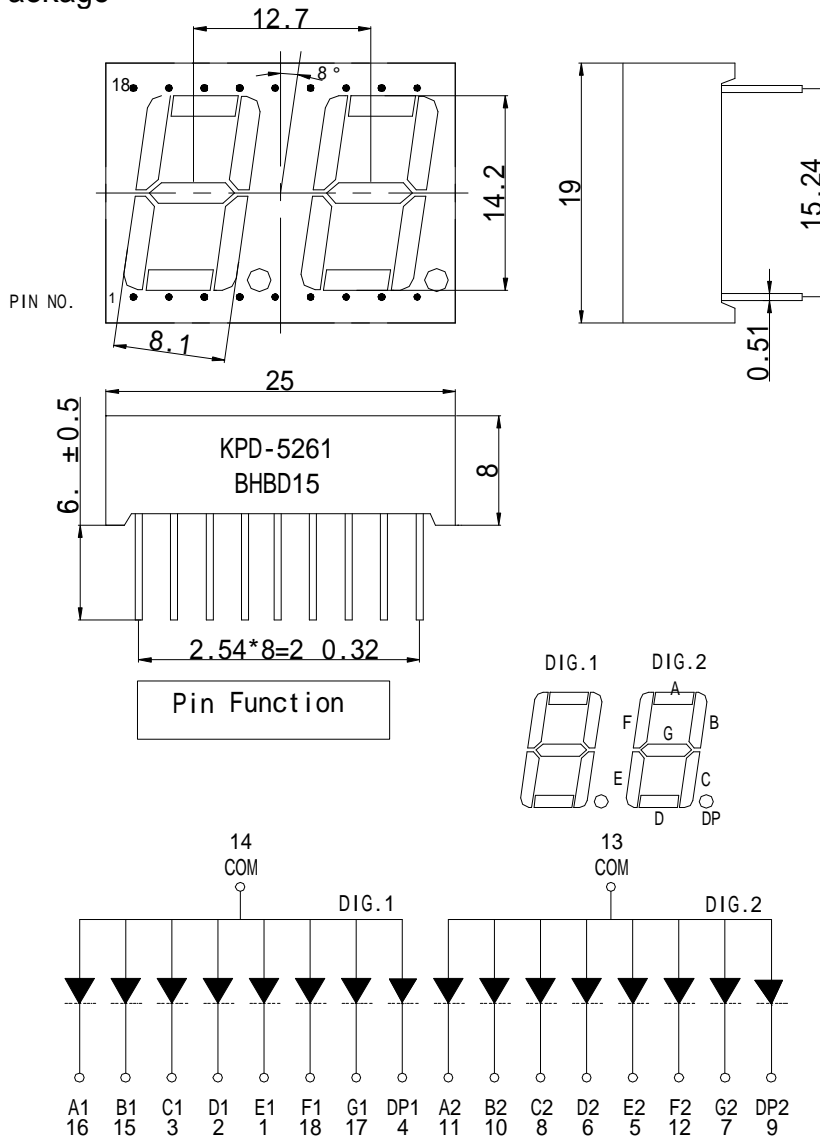
LED DISPLAY

Part Number: KPD-5261BHBD15

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Rev: 00

Dimension: Package



PartNumber	Chip		CCorCA
	Material	EmittingColor	
KPD-5261BHBD15	GaAlAs/GaAs	SUPER RED	CA

NOTES:

- All dimensions are millimeters (inches)
- Tolerance is 0.25mm (0.01") unless otherwise noted.
- COLLOID COLOR: WHITE
- FACE COLOR: BLACK



LED DISPLAY

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1. SPECIFICATIONS

(1) Absolute Maximum Rating/ (Ta=25°C)

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current /	IF	40	mA
Peak Forward Current /	IFP	200	mA
Reverse Voltage /	VR	5	V
Power Dissipation /	PD	110	mW
Electrostatic Discharge (HBM) /	ESD	/	V
Operating Temperature /	TOP	-40°C ~ 80°C	
Storage Temperature /	TSTG	-40°C ~ 100°C	
Lead Soldering Temperature	TSOL	260°C FOR 5 SECONDS	

IFP Conditions: Pulse Width \leq 10msec. and duty \leq 1/10

(2) Initial Electrical/Optical Characteristics/ (Ta=25°C)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage /	VF	IF=20(mA)	1.5	1.7	2.4	V
Reverse Current /	IR	VR=5(V)	/	/	100	A
Luminous Intensity /	IV	IF=10(mA)	2500	2800	/	cd
Peak Wavelength /	p	IF=20(mA)	655	660	665	nm
Spectral width at half height /	λ			20	/	nm

2. TYPICAL INITIAL OPTICAL/ELECTRICAL CHARACTERISTICS

Please refer to Figures: Page: 3/3

3. OUTLINE DIMENSIONS AND MATERIALS

Please refer to Figures: Page: 2/3

Material as follows: Resin: Epoxy



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Typical Electro-Optical Characteristic Curves:

Fig1.Forward Current vs.Forward Voltage

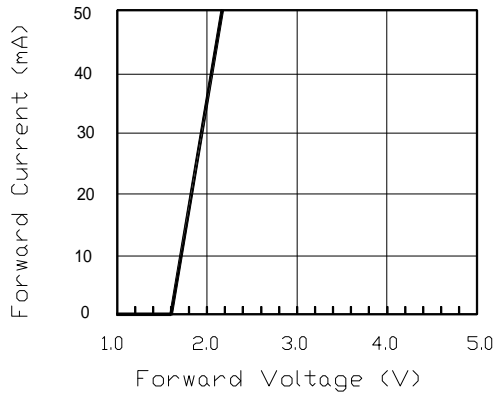


Fig2.Relative Intensity vs. Forward Current

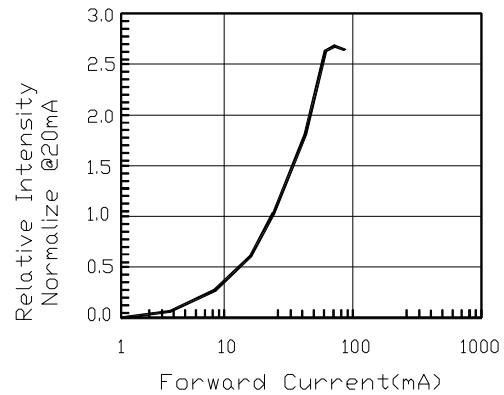


Fig3.Forward Voltage vs. Temperature

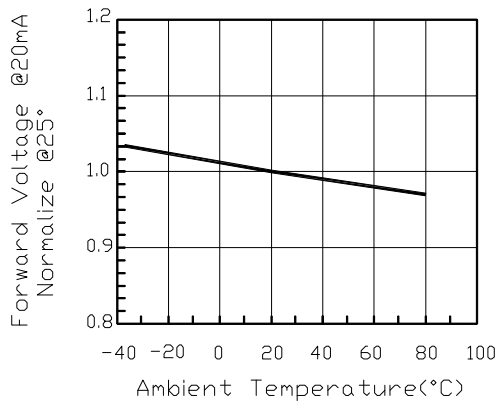


Fig4.Relative Intensity vs. Temperature

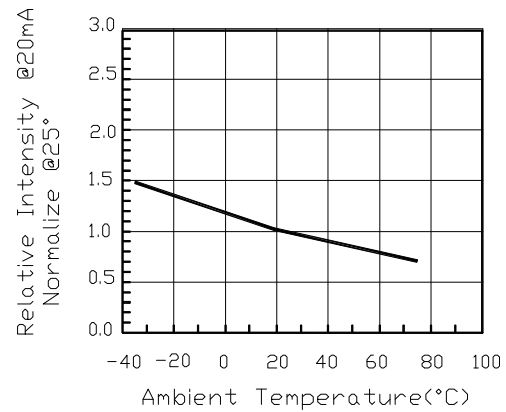


Fig5.Relative Intensity vs. Wavelength

