

OHB660CB

Red EMITTING DIODES

The **OHB660CB** is a GaAlAs LED mounted in a T0-18 metal can package is ideal for use with plastic fiber optic cables. As light loss is minimal at a wavelength of 660nm.

FEATURES

- Wide beam angle
- High-speed response
- Low profile package

APPLICATIONS

- Fiber optic communications



ELECTRO-OPTICAL CHARACTERISTICS

(Ta=25°C)

Item	Symbol	Cond.	Min.	Typ.	Max.	Unit
Forward voltage	VF	IF=20mA		1.9	2.4	V
Reverse current	IR	VR=5v			10	μA
Radiant intensity	Po	IF=20mA		3.5		mW/sr
Peak emission wavelength	λp	IF=20mA		660		nm
Spectral bandwidth 50%	Δλ	IF=20mA		50		nm
Half angle	Δθ			±32		deg.

MAXIMUM RATINGS

(Ta=25°C)

Item	Symbol	Rating	Unit
Reverse voltage	VR	5	V
Forward current	IF	50	mA
Pulse forward current	IFP	1	A
Power dissipation	Pd	120	mW
Operating temp.	Topr	-25~+100	°C
Storage temp.	Tstg	-30~+100	°C
Soldering temp. ⁽¹⁾	Tsol	260	°C

(1)For MAX.5seconds at the position of 2mm from the package

