

POWERLIGHT TECHNOLOGY CO., LTD

Model □ PL5503

ABSOLUTE MAXIMUM RATINGS(Ta=25□)

PARAMETER		VALUE	UNIT
Reverse voltage	Vr	5	V
Forward current	If	20	mA
Peak forward current	Ipeak	150	mA
Power dissipation	Pt	105	mW
Operating temperature	Ta	-40~+85	□
Storage temperature	Tsta	-40~+85	□

ELECTRICAL-OPTICAL CHARACTERISTICS(Ta=25□)

Part NO.	Wavelength (nm)		Forward Voltage IF=20mA (v)		Reverse Current VR=5v(uA)	Luminous Intensity IF=20mA(ucd)
	λP	□λ	TYP	MAX	MAX	TYP
PL5503	640	20	1.8	2.0	20	3500

PACKAGE DIMENSION&INTERNAL CIRCUIT DIAGRAM □

