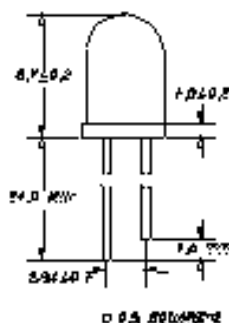


Part Number: SS5B4SEEC

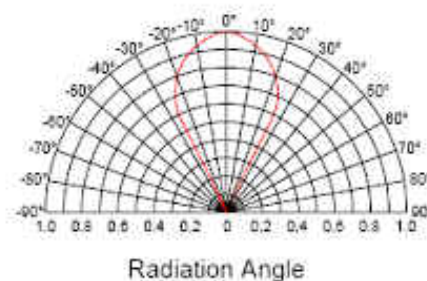
ii

Descriptions: SMM round Blue water clear 4000-5000MCD 45deg

PRODUCT MODEL	EMITTING COLOR	MATERIAL
SS5B4SEEC	Blue	InGaAlN



Radiation Characteristics



ABSOLUTE MAXIMUM RATINGS(Ta=+25jæ)

Reverse Voltage (V)	Forward Current(mA)	Peak forward Current(mA)	Power Dissipation (mW)	Operation Temperature Range(jæ)	Storage Temperature Range(jæ)
8	20	120	45	-40~85	-40~100

Lead soldering temperature (4 mm from body) 260 degC for 3 seconds

Electro-Optical Characteristic(Ta=+25jæ)						
PARAMETER	SYMBOL	CONDITIONS	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V _F	I _F =20mA	2.90	3.10	3.50	V
Reverse Current	I _R	V _R =5V			10	uA
Luminous Intensity	I _V	I _F =20mA	4000	4500	5000	mcd
Peak Wavelength	λ _P	I _F =20mA	460	465	470	nm
Spectral Line Halfwidth	Δλ _{1/2}	I _F =20mA		25		nm
Viewing Angle	2θ _{1/2}	I _F =20mA		45		deg

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