

S721TW4U-H

5mm Super Flux 4 pin White LED

7.62mm x 7.62mm with InGaN Dice

Encapsulated with Water Clear Color Package

Four Leads

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-20 to +75	
Storage Temperature Range	-40 to +100	
Lead Soldering Temperature	260 for 3 seconds	

Electro-Optical Characteristics $T_a = 25$

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	$I_f = 20\text{mA}$	V_f	3.20	3.40		V
Reverse Current	$V_r = 5\text{V}$	I_r			30	μA
Luminous Intensity	$I_f = 20\text{mA}$	I_v		2000		mcd
Spectral Bandwidth	$I_f = 20\text{mA}$	$\Delta\lambda$		10		nm
Wavelength	$I_f = 20\text{mA}$	X		0.31		CIE
		Y		0.29		CIE
Half View Angle	$I_f = 20\text{mA}$	$2\theta_{1/2}$		50		deg

Please refer to CIE 1931 chromaticity diagram

Package

