



Abb. Ähnlich je nach Farbe

- UV Resistant Epoxy
- Water Clear Type

Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Value		Unit
		W/WW/P/B/PG	Y/R	
DC Forward Current	IF	30	30	mA
Pulse Forward Current*	IFP	100	100	mA
Reverse Voltage	VR	5	5	V
Power Dissipation	PD	108 (WW=102)	78	mW
Operating Temperature	Topr	-30 ~ +85		°C
Storage Temperature	Tstg	-40 ~ +100		°C
Lead Soldering Temperature	Tsol	260°C / 5 sec.		-

* Pulse width Max. 10ms Duty ratio max 1/10

Electrical –Optical Characteristics (Ta=25°C)

Part Number	Color	VF (V)			IR (uA) Max. VR=5V	Iv (mcd)			λD(nm) Typ. IF=20mA	Max.	
		Min.	Typ.	Max.		Min.	Typ.	Max.			
SE-DT-5WC	White	2.8	3.1	3.6	10	1560	2180	-	-	X=0.27,Y=0.28	-
SE-DT-5WWC	Warmwhite	2.7	2.9	3.4	10	1560	2180	-	-	X=0.45,Y=0.41	-
SE-DT-5PC	Pink	2.9	3.1	3.6	10	500	750	-	-	X=0.45,Y=0.17	-
SE-DT-5UBC	Blue	2.9	3.1	3.6	10	500	750	-	465	470	475
SE-DT-5PGC	Pure Green	2.9	3.1	3.6	10	1560	2180	-	520	525	530
SE-DT-5YC	Yellow	1.8	2.1	2.6	10	750	1120	-	585	590	595
SE-DT-5RC	Red	1.8	2.1	2.6	10	750	1120	-	620	625	630

*1 Tolerance of measurement of chromaticity coordinates is ± 10%

*2 Tolerance of measurement of dominant wavelength is ± 1nm

*3 Tolerance of measurement of luminous intensity is ± 15%

*4 Tolerance of measurement of forward voltage is ± 0.1V