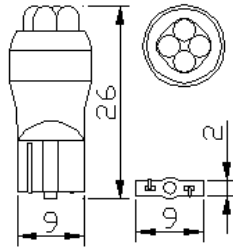


BS Elektronik Service GmbH

(A) Electronics And Optical Characteristics: Ta=25°C

PART NO	Emitting Color	Forward Voltage Unit: V	Totality Luminous Intensity Unit: LM	Single LED Axial Intensity Unit: mcd	Dominant Wavelength Unit: nm	Viewing Angle Unit: deg	Color Temperature Unit: K°
SE-4FR	Super Red	13.2	1.6	4850	630	25	<1500
SE-4FY	Super Yellow	13.2	2.3	6000	595	25	<1500
SE-4FG	Ultra Green	13.2	4.8	12000	525	20	7400
SE-4FB	Super Blue	13.2	0.8	3200	470	20	>25000
SE-4FW	Super White	13.2	3.5	8200	X:0.29 Y:0.28	22	8800
SE-4FUW	Ultra White	13.2	4.7	10500	X:0.29 Y:0.29	21	8000
Test Condition		IF=40mA	IF=40mA	IF=20mA	IF=20mA	IF=20mA	
IR max: 0.01mA ; VR=5V							

Figure :



(B) Absolute Maximum Ratings AT Ta=25°C

PARAMETER	MAX	UNIT
Power Dissipation	120	mW
Continuous Forward Current	25	mA
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	100	mA
Reverse Voltage	5	V
Operating Temperature Range	-30°C to +85°C	
Storage Temperature Range	-40°C to +100°C	
Lead Solder Temperature 1.6mm Below Package 260°C For 5 seconds		