

Part number	Chip		Led Display		
	Material	Emitted Color	Surface Color	Polarity	Colloid Color
RL-S0520SBBW	GaAIAs/GaAs	Super red	Black	CA	White

PARAMETER	SYMBOL	MAX. RATING	UNIT
Power dissipation	Pd	110	mW
Peak forward current (10 $\mu$ s Pulse)	IFM	100	mA
Reverse Current	IR	100	$\mu$ A
Continuous forward current	IF	20	mA
Operating temperature	Topr	-40+85	$^{\circ}$ C
Storage temperature	Tstg	-40+85	$^{\circ}$ C

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	Unit
Forward voltage	VF	IF=20mA	1.5	1.8	2.4	V
Reverse voltage	VR	IF=100mA	5	/	/	V
Luminous intensity	IV	IF=10mA	1380	2060	/	$\mu$ cd
Peak Emission Wavelength	/	IF=20mA	/	645	/	nm

