

VS658TM-WRC

1. ABSOLUTE MAXIMUM RATING (Ta=25°C)

ITEM	SYMBOL	RATINGS	UNIT
Forward Current(DC)	IF	25	mA
Forward Current(Pulse)	IFP	3 *1	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	65	mW
Operating Temp.	Topr	-20 ~ +85	°C
Storage Temp.	Tstg	-30 ~ +100	°C
Lead Soldering Temp.*2	Tls	260	°C

*1 $t_w=10\mu S, t=10mS$

*2 Time 5 Sec max, Position; Up to 3mm from the body

2. ELECTRICAL & OPTICAL CHARACTERISTICS (Ta=25°C)

ITEM	SYMBOL	Min.	TYP.	MAX.	UNIT	CONDITION
Power Output	PO		0.9		mW	IF=20mA
Forward Voltage	VF		2.4	3.0	V	IF=20mA
Reverse Current	IR			100	μA	VR=5V
Peak Wavelength	λP		650		nm	IF=20mA
Spectral Line Half Width	$\Delta \lambda$		25		nm	IF=20mA
Half Intensity Beam Angle	θ		± 45		deg.	IF=20mA