

TX-2828W350C25F18-10H95

PRODUCT SPECIFICATION (R&D version)

Features:

Chip Material:

Emitting Color:

Applications:

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Absolute Maximum Ratings

Parameter	Symbol	Ratings	Unit
Operating Temperature	T _{OP}	-40 ~ 85	°C
Storage Temperature	T _{STG}	-55 ~ 125	°C
Maximum Power Dissipation	P _{DM}	1.0	W
Maximum Junction Temperature	T _{JM}	125	°C
Maximum Forward Current	I _F	20	mA
Maximum Reverse Current	I _R	10	μA
Maximum Forward Voltage	V _F	1.2	V
Maximum Reverse Voltage	V _R	5	V
Maximum Surge Current	I _{SM}	100	mA
Maximum Surge Power	P _{SM}	1.0	W
Maximum Pulse Width	t _p	100	μs
Maximum Duty Cycle	D	0.5	%
Maximum Emission Wavelength	λ _e	630	nm
Maximum Emission Wavelength	λ _e	660	nm
Maximum Emission Wavelength	λ _e	670	nm
Maximum Emission Wavelength	λ _e	680	nm
Maximum Emission Wavelength	λ _e	690	nm
Maximum Emission Wavelength	λ _e	700	nm
Maximum Emission Wavelength	λ _e	710	nm
Maximum Emission Wavelength	λ _e	720	nm
Maximum Emission Wavelength	λ _e	730	nm
Maximum Emission Wavelength	λ _e	740	nm
Maximum Emission Wavelength	λ _e	750	nm
Maximum Emission Wavelength	λ _e	760	nm
Maximum Emission Wavelength	λ _e	770	nm
Maximum Emission Wavelength	λ _e	780	nm
Maximum Emission Wavelength	λ _e	790	nm
Maximum Emission Wavelength	λ _e	800	nm
Maximum Emission Wavelength	λ _e	810	nm
Maximum Emission Wavelength	λ _e	820	nm
Maximum Emission Wavelength	λ _e	830	nm
Maximum Emission Wavelength	λ _e	840	nm
Maximum Emission Wavelength	λ _e	850	nm
Maximum Emission Wavelength	λ _e	860	nm
Maximum Emission Wavelength	λ _e	870	nm
Maximum Emission Wavelength	λ _e	880	nm
Maximum Emission Wavelength	λ _e	890	nm
Maximum Emission Wavelength	λ _e	900	nm
Maximum Emission Wavelength	λ _e	910	nm
Maximum Emission Wavelength	λ _e	920	nm
Maximum Emission Wavelength	λ _e	930	nm
Maximum Emission Wavelength	λ _e	940	nm
Maximum Emission Wavelength	λ _e	950	nm
Maximum Emission Wavelength	λ _e	960	nm
Maximum Emission Wavelength	λ _e	970	nm
Maximum Emission Wavelength	λ _e	980	nm
Maximum Emission Wavelength	λ _e	990	nm
Maximum Emission Wavelength	λ _e	1000	nm

Electrical Optical Characteristics (Tc=25°C)

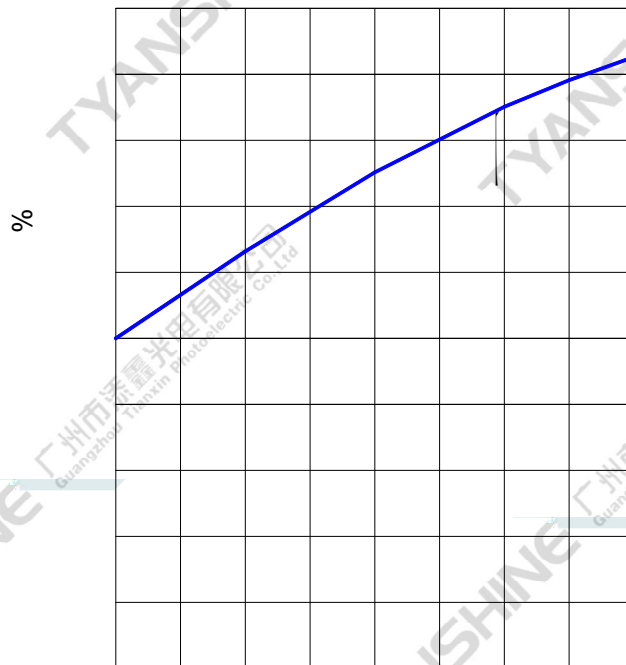
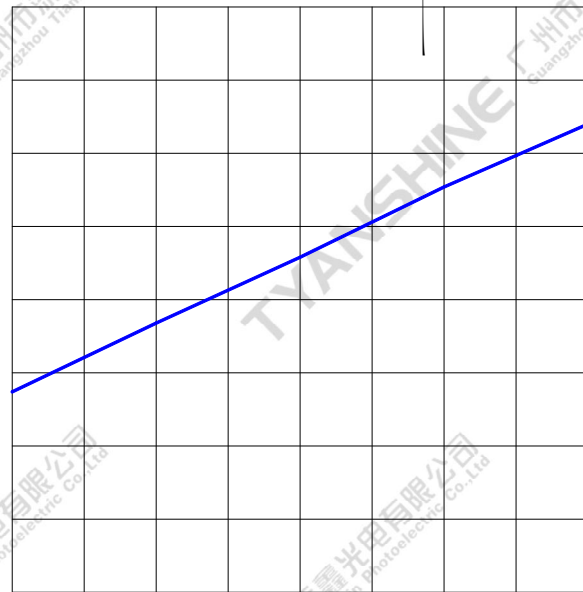
Parameter	Symbol	Condition	Emitting color	Min.	Typ.	Max.	Units

Notes:

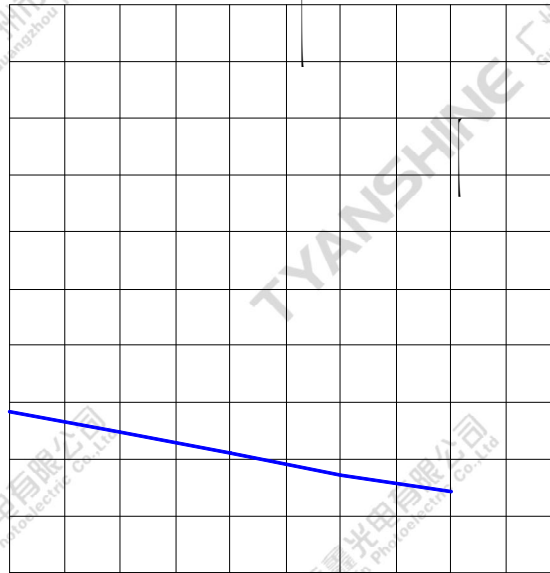
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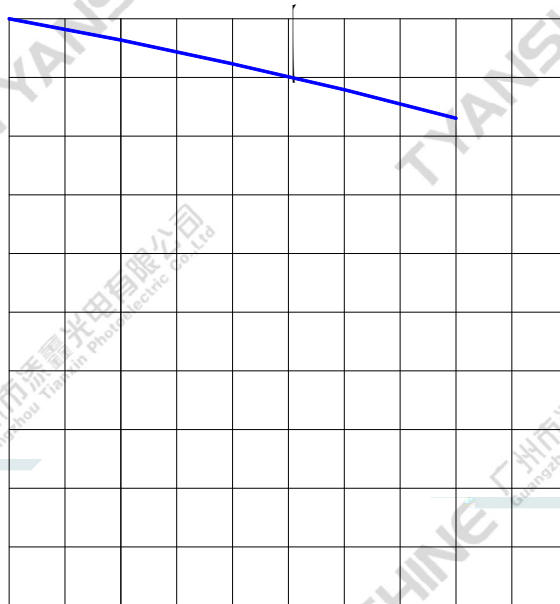
Typical Electrical/Optical Characteristics Curves



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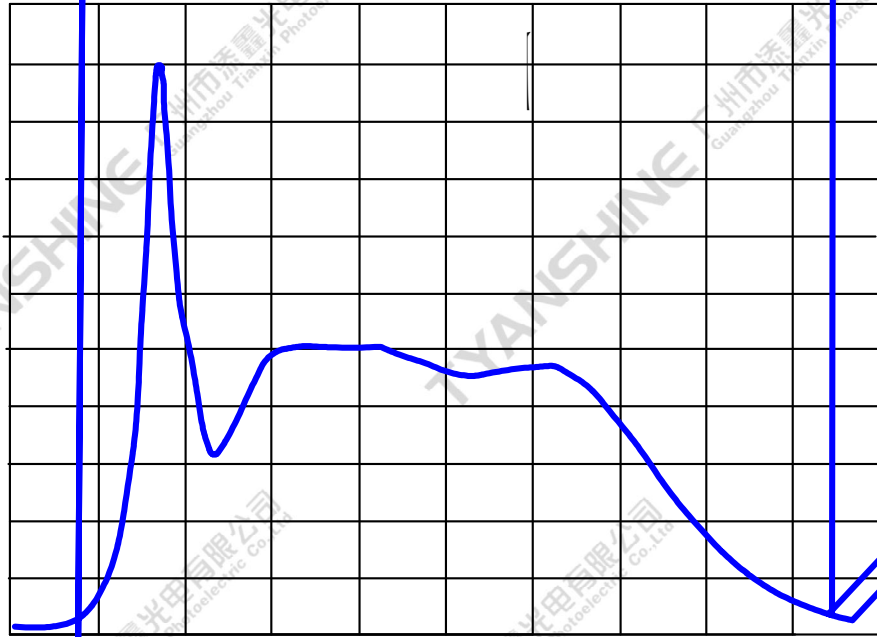


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