



OPTICAL CHARACTERISTICS:

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
forward voltage	$V_f$	2V10.5		2V12.5	V	$I_f=200\text{mA}$
reverse current	$I_r$				$\mu\text{A}$	$V_r<5\text{V}$
peak emission wavelength	$\lambda_p$	450			nm	
spectral line half width	$\Delta\lambda$				nm	
chromaticity coordinates	X					
	Y					
luminance	$L_v$				$\text{cd/m}^2$	$I_f=200\text{mA}$
luminance tolerance	$\Delta\%$	80			%	$I_f=200\text{mA}$

ABSOLUTE MAXIMUM RATING:

ITEM	SYMBOL	CONDITIONS	RATING/UNIT
absolute maximum forward current	$I_{fm}$		2V180 mA
peak forward current	$I_{fp}$	pulse plus 10% duty cycle	2V180 mA
reverse voltage	$V_r$		2V5 V
power dissipation	$P_d$		2V180 mW
operating temperature	$T_{opr}$		-40~90 °C
storage temperature	$T_{stg}$		-40~90 °C

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△	2024.06.28	All	New Drawing		
NO	DATE	AREA	REVISION CONTENT	DRAWING	APPROVAL

APPROVAL	PART NAME	例 侧式背光源	DATE	2024.06
CHECK	PART NO.	SR-KBS21980W6CL	SCALE	1:1
DRAWING	DRAW NO.		PAGE	1 OF 1
		上海康巴思电子科技有限公司	VERSI	A