TX-B3A140-010G

PRODUCT SPECIFICATION

Approved by: Checked by: Prepared by: Part No. TX-B3A140-010G Spec No. WKF-BA3069 Page 1 of 6	K-YAS	SHINE Land Contraction	ANAHINE	A AMSHIN	C - Hilling	Hit Process
Part No.TX-B3A140-010GSpec No.WKF-BA3069Page1 of 6	Approved	by:	Checked by:	AND Pre	epared by	y:
	Part No.	TX-B3A140-010G	Spec No.	WKF-BA3069	Page	1 of 6

Version:1.0

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Notes:

- 1. All dimensions are in millimeters (inches).
- 2. Tolerance is ±0.25 mm (0.01") unless otherwise noted.

Absolute Maximum Ratings at Ta=25

Notes:

- 1. Specifications are subject to change without nonces
- 2. Under the stipulated Characteristics parameters above, the

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Characteristics at If=700mA ,Vr=5V (Ta=25°C)

Deremeter	Symbol	Values			Unite	
Parameter	Symbol	Min.	Тур.	Max.	Units	
Luminous Flux	φv	35	55		lm	
Viewing Angle at 50 IV	2 1/2	S	140		Deg	
Peak Emission Wavelength	р	450	455	460	nm	
Dominant Wavelength	d	455	460	465	nm	
Spectral Line Half-Width	Lr.	25	30	35	nm	
Forward Voltage	V _f	3.2	3.6	3.8	V	
Reverse Current	I _R			10	μA	
Thermal Resistance Junction to Case	R _{J-C}	AN AN	11.2		K/W	
Temperature Coefficient of Forward Voltage	V F/T	notoriect	-2		mV/	

Notes:

- 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- 2. _{1/2} is the off-axis angle at which the luminous intensity is half the axial luminous intensity
- 3. The dominant wavelength (d) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.
- 4. Flux is measured with an accuracy of $\pm 15\%$.
- 5. Forward voltage is measured with an accuracy of $\pm 0.15V$.

Part No.	TX-B3A140-010G	Spec No.	WKF-BA3069	Page	4 of 6



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