



ELECTRO-OPTICAL	CHARACTERIS	STICS $T_A = 2$	5°C	$I_f = 20 \text{mA}$		
PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	YELLOW		585		nm	
	GREEN		565		nm	
FORWARD VOLTAGE			14	16	Vf	
REVERSE VOLTAGE		5.0			٧r	$I_r = 100 \mu A$
AXIAL INTENSITY	(Y/G)	5/12	15/20		mcd	$I_f = 20mA$
VIEWING ANGLE			60		2x theta	
EMITTED COLOR:	YELLOW,	/GREEN				
EPOXY LENS FINISH	H: WHITE D	DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER		MAX	UNITS
PEAK FORWARD CURREN	П*	150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		- 1.2	mW/*C
OPERATING, STORAGE TE	.MP.	-40 TO +85	•C
SOLDERING TEMP.		+ 260	.C
2.0mm FROM BODY		3	SEC. MAX

^{*} t<10µS

NOTES:

1. CUSTOMER PART #28-6352-2.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MIN= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION MA UNCONTROLLED DOCUMENT



UNCONTROLLED DOCUMENT

425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP QUASARBRITE 5mm YELLOW/GREEN BICOLOR LED, 14V, CUSTOM FORMED LEADS

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE: 11.23.10 DRAWN BY: AΒ PAGE: 1 OF CHKD BY: KF SCALE: NTS APRVD BY: ВC (Pb) UNIT: mm [INCH]