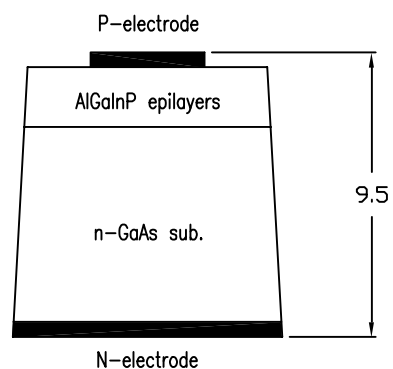
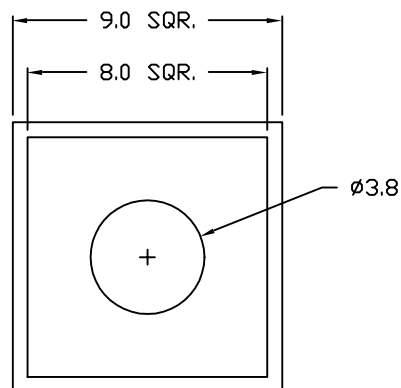


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SSD-LX009E624FXX

REV.



NOTE:

UNITS: mil

ELECTRO-OPTICAL CHARACTERISTICS:

PARAMETER	SYMBOL	TEST COND.	MIN	TYP	MAX	UNITS	
FORWARD VOLTAGE	V _{f1}	I _f =10μA	1.35			V	
	V _{f2}	I _f =20mA		2.05	2.4	V	
REVERSE CURRENT	I _r	V _r =10V			100	μA	
PEAK WAVELENGTH	λ _p	I _f =20mA		632		nm	
DOMINANT WAVELENGTH ⁽¹⁾	λ _d	I _f =20mA	619	624	629	nm	
SPECTRA HALF-WIDTH	Δλ	I _f =20mA		20		nm	
LUMINOUS INTENSITY ⁽²⁾	I _v	A1	I _f =20mA	15	I _v (ave.) ⁽²⁾ ≥20		mcd
		A2		25	I _v (ave.) ⁽²⁾ ≥32		
		A3		35	I _v (ave.) ⁽²⁾ ≥48		
		A4		48	I _v (ave.) ⁽²⁾ ≥58		
		A5		58	I _v (ave.) ⁽²⁾ ≥70		

(1) Basically, wavelength uniformity is $\lambda_d \pm 5nm$.(2) $I_v(ave.)$ is the average luminous intensity of overall qualified chips from individual epiwafer.CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

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AlInGaP SUPER RED LED CHIP.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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DATE: 1-25-00

PAGE: 1 OF 1

SCALE: N/A