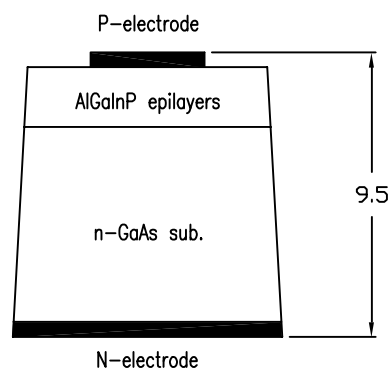
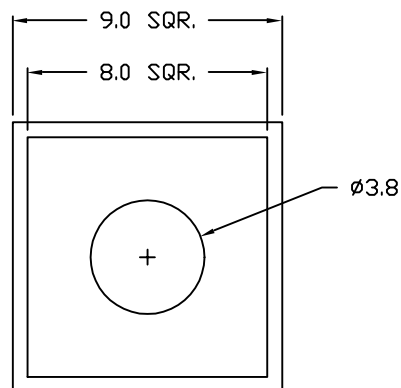


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REV.



NOTE:

UNITS: mil

ELECTRO-OPTICAL CHARACTERISTICS:

PARAMETER	SYMBOL	TEST COND	MIN	TYP	MAX	UNITS
FORWARD VOLTAGE	V_{f1}	$I_f=10\mu A$	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	$I_f=20mA$		591		nm
DOMINANT WAVELENGTH ⁽¹⁾	λ_d	$I_f=20mA$	584	589	594	nm
SPECTRA HALF-WIDTH	$\Delta\lambda$	$I_f=20mA$		15		nm
LUMINOUS INTENSITY ⁽²⁾	I_v	$I_f=20mA$	15	$I_v(ave.)^{(2)}\geq 20$		mcd
			25	$I_v(ave.)^{(2)}\geq 32$		
			35	$I_v(ave.)^{(2)}\geq 48$		
			50	$I_v(ave.)^{(2)}\geq 60$		
			60	$I_v(ave.)^{(2)}\geq 75$		

(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 YELLOW LED CHIP.

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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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SCALE: N/A