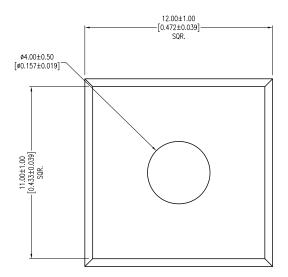
PART NUMBER

SSD-LX012E589FGPU

REV.

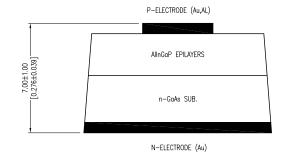


ELECTRO-OPTICAL CHARACTERISTICS:

PARAMETER	SYM	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE	Vf1	1.35			٧	If=10µA
	Vf2	1.9	2.0	2.2	٧	If=20mA
REVERSE CURRENT	lr			2	μA	Vr=-10∨
PEAK WAVELENGTH	λр		592		nm	If=20mA
DOMINANT WAVELENGTH	λd	588	590	592	nm	If=20mA
SPECTRA HALF-WIDTH	Δλ		10		nm	If=20mA
LUMINOUS INTENSITY(1)	lv	130	152	170	mcd	If=20mA

- 1. IV (ave.) IS THE AVERAGE LUMINOUS INTENSITY OF OVERALL QUALIFIED CHIPS FROM INDIVIDUAL
- 2. TEMP (MAX) FOR CHIP PACKAGE CANNOT EXCEED 300°C.

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.



\*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.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  PRECISIO UNCONTROLLED DOCUMENT



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

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