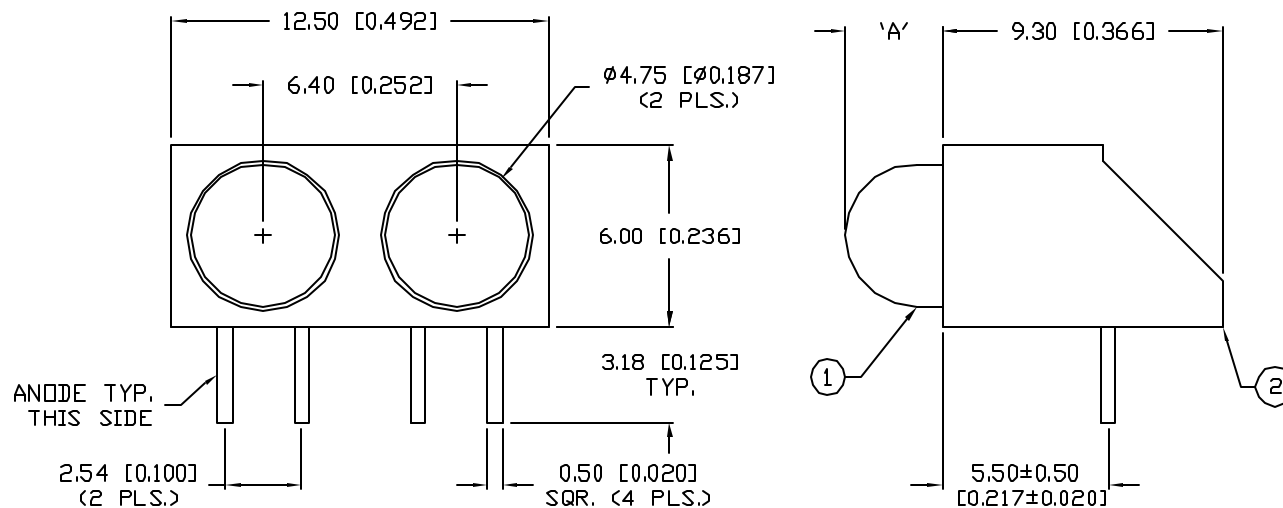


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSF-LXH2100GD(-1)		
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE



DIM 'A'

NO P/N SUFFIX:	3.2 [0.126]
WITH -1 SUFFIX:	4.7 [0.187]

NOTES:

1. NO P/N SUFFIX, SSL-LX507F3GD, GREEN LED. (2 PCS.)  
WITH -1 SUFFIX, SSL-LX509F3GD, GREEN LED. (2 PCS.)
2. SSH-LXH2100, BLACK HOLDER.

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

\*  $t < 10\mu\text{s}$

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\*UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010"$ )

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	SSF-LXH2100GD(-1)				
T-5mm (T-1 3/4) DUAL LED HOLDER, TWO 565nm GREEN LEDS, GREEN DIFFUSED LENS.		DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 9-15-99
		BC			PAGE: 1 OF 1 SCALE: N/A

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