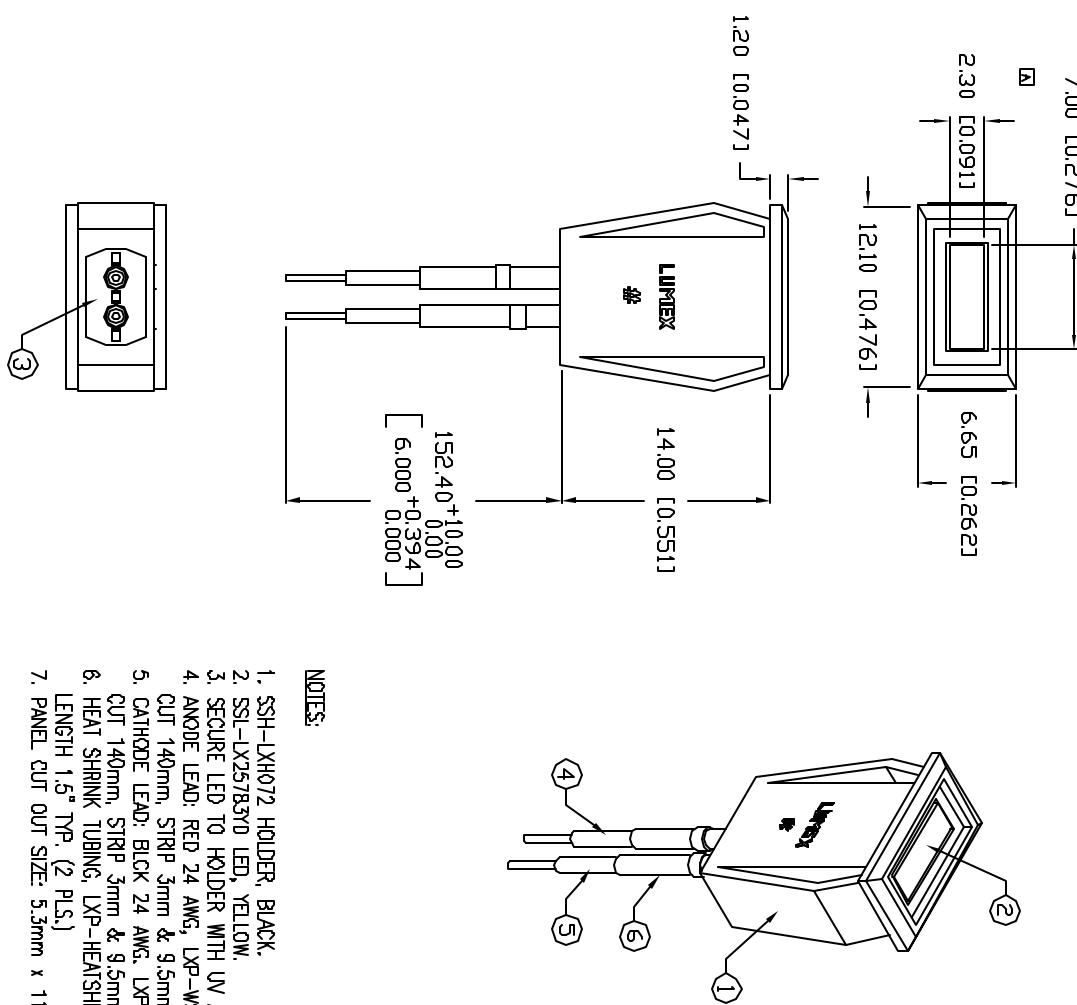


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10702.	1.10.01
	SS1-LXHQ72YD-150	A



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.05), XX=±0.5 (±0.025), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005), LEAD SIZE=±0.038 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=±0.001, PRECISION MAX=±0.050, DECIMAL PRECISION MAX=±0.005.

REV.	PART NUMBER	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.
A	SS1-LXH072YD-150	<p>2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED, 585nm YELLOW LED, YELLOW DIFFUSED LENS, WITH 6" WIRE LEADS.</p> <p>RELIABILITY NOTE: OUR MANY YEARS OF EXPERIENCE AND ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.</p>

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$				$I_f=20\text{mA}$	
PARAMETER	MIN	TP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1		V_f	
REVERSE VOLTAGE	5.0		2.5	V_r	
AXIAL INTENSITY				$I_f=100\mu\text{A}$	
VIEWING ANGLE		9		mrad	
EMITTED COLOR:	YELLOW	110		$2\pi \text{ theta}$	$I_f=20\text{mA}$
EPOXY LENS FINISH:	YELLOW DIFFUSED				
LIMITS OF SAFE OPERATION AT 25°C					
PARAMETER		MAX		UNITS	
PEAK FORWARD CURRENT*		150		mA	
STEADY CURRENT		30		mA	
POWER DISSIPATION		105		mW	
DERATE FROM 25°C		-1.2		$\text{mW}/^\circ\text{C}$	
OPERATING, STORAGE TEMP.	-40 TO +85		$^\circ\text{C}$		
SOLDERING TEMP.	+260		$^\circ\text{C}$		
2.0mm FROM BODY			3 SEC. MAX		

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GT			PAGE: 1 OF 1	SCALE: N/A