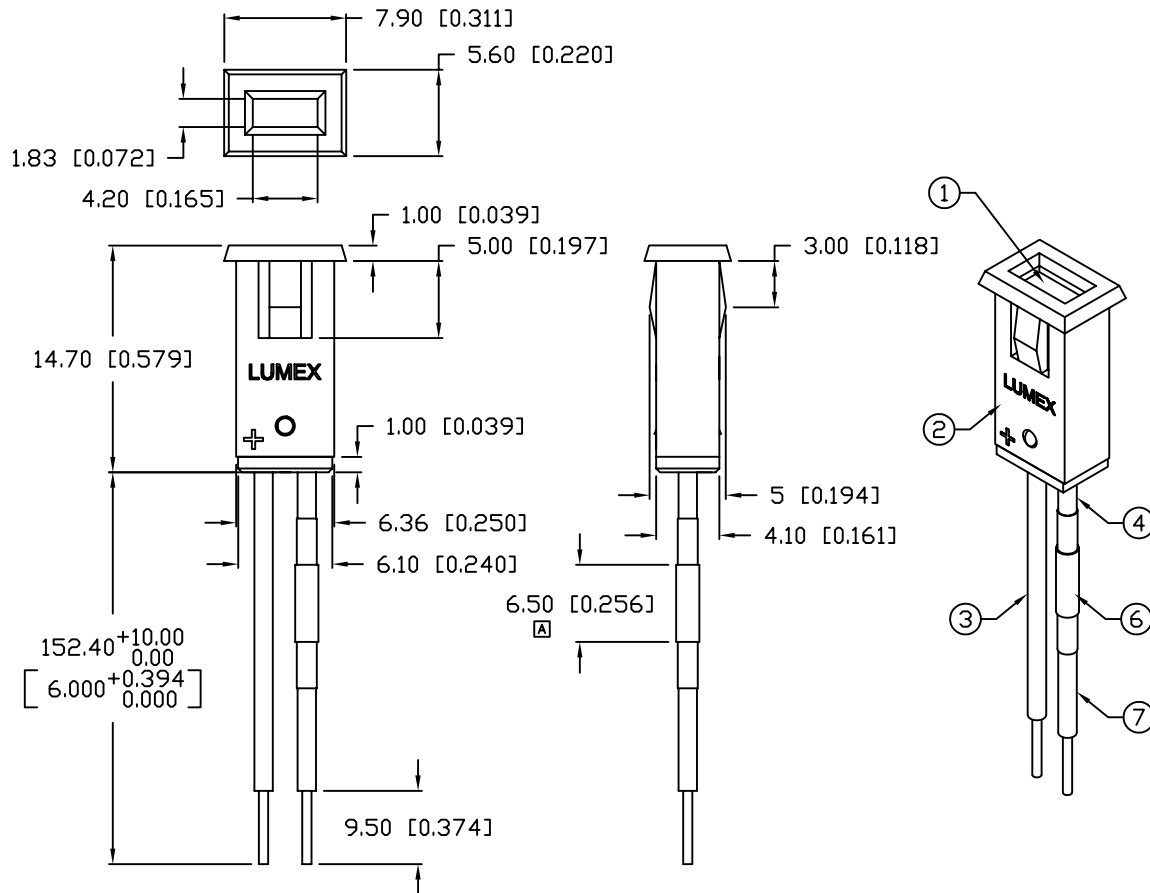


PART NUMBER		REV.
SSI-LXMP059IDQ9222		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11108.	3.10.04



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=12\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		12.0	14.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$V_f=12\text{V}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	10	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

NOTES:

- SSL-LX2573ID, RED LED.
TRIM LEADS TO 3~4mm.
- 2-PIECE HOUSING: SSH-LXMP059-HSG
SSH-LXMP059-BSG2.
- LXP-WST24RDT0C, RED INSULATED LEAD, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
- LXP-WST24WHT0C, WHITE INSULATED LEAD, 24 AWG., CUT 45mm, STRIP 3mm BOTH SIDES.
- LXP-RES1000 1/4W (NOT SHOWN).
- INSULATE RESISTOR AND CRIMPS WITH HEATSHRINK (1/8" x 1" LONG.)
- LXP-WST24WHT0C, WHITE INSULATED LEAD, 24 AWG., CUT 90mm, STRIP 3mm & 9.5mm.

*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 PRECISION MAX.=+0.00
-0.00 -DECIMAL PRECISION

REV.	PART NUMBER
A	SSI-LXMP059IDQ9222

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RECTANGULAR PANEL MOUNT INDICATOR, 635nm RED LED,
RED DIFFUSED LENS, 6" WIRE LEADS, 12 VOLTS.

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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
BS/BC			6.15.01
			PAGE: 1 OF 1
			SCALE: N/A

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