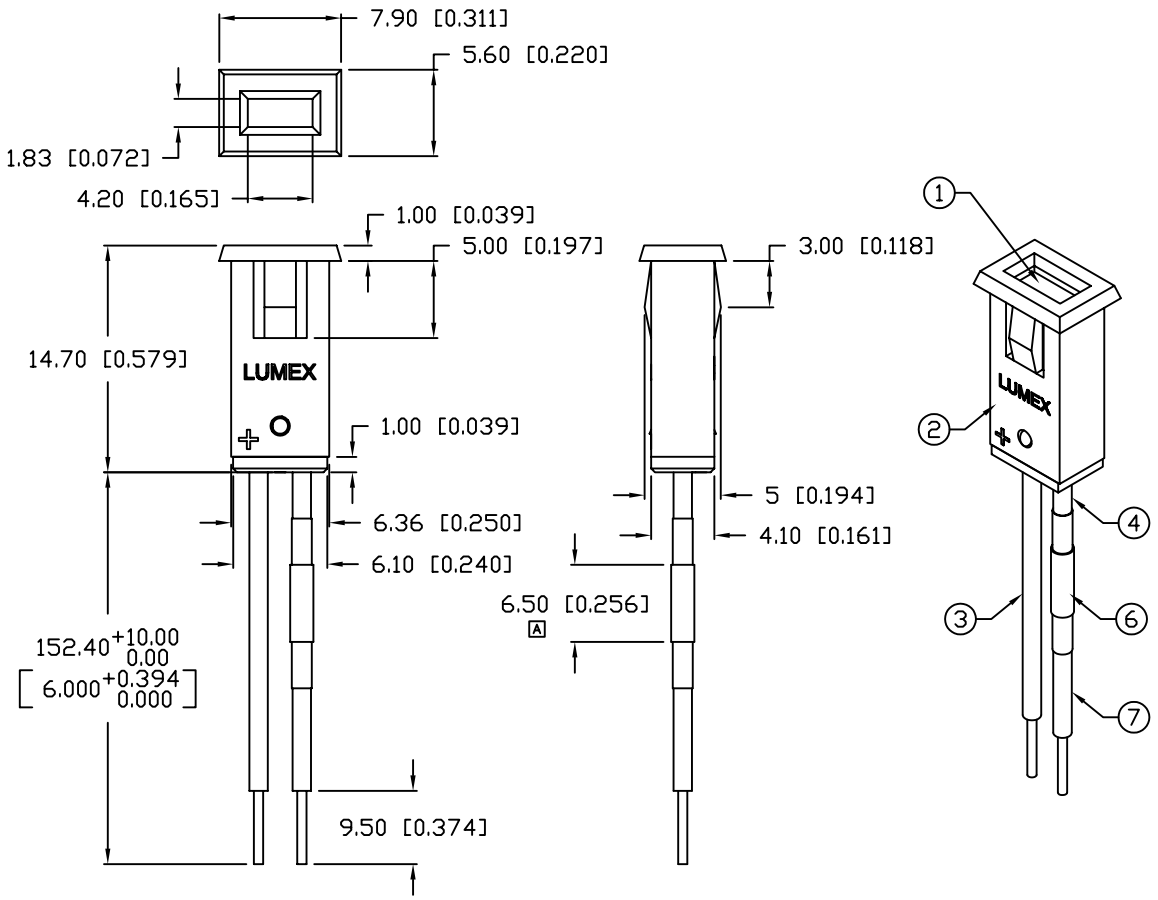
UNCONTROLLED DOCUMENT

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°C V_f=12V

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=100µA
AXIAL INTENSITY		10		mcd	V_f=12V
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	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

NOTES:

1. SSL-LX2573ID, RED LED.
   TRIM LEADS TO 3~4mm.
2. 2-PIECE HOUSING: SSH-LXMP059-HSG
   SSH-LXMP059-BSG2.
3. LXP-WST24RDTOC, RED INSULATED LEAD, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
4. LXP-WST24WHTOC, WHITE INSULATED LEAD, 24 AWG., CUT 45mm, STRIP 3mm BOTH SIDES.
5. LXP-RES1000 1/4W (NOT SHOWN).
6. INSULATE RESISTOR AND CRIMPS WITH HEATSHRINK (1/8" x 1" LONG.)
7. LXP-WST24WHTOC, WHITE INSULATED LEAD, 24 AWG., CUT 90mm, STRIP 3mm & 9.5mm.

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*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

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

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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