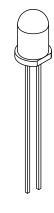
PART NUMBER	SLX-LX5093ID		Α
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.15.13	E.C.N. #10BRDR. & REDRAWN.		Α

Α

ø5.90 [ø0.232]—	/-ø5.00 [ø0.197]
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LUNAMIETEN	IVIIIV	1111	IVIAA	014113	ILSI COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.8	Vf	
EVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		30		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
ENS FINISH:	RED DIFFUSED				

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

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	mW/*C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+260	*C
2.0mm FROM BODY	3	SEC.
* +<10C		

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.

8.60 [0.339]	1.00 [0.039]	
27.40 [1.079] MIN.	4NODE ANODE	
	= (
	0.50 [0.020] SQR. (2 PLS.)	
	2.54 [0.100]	

*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.= $^{+0.00}_{-DECIMAL}$ 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 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.003), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION DECIMAL PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.001), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003), MIN= $^{+DECIMAL}_{-0.00}$ PRECISION DECIMAL PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ P

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

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