

PART NUMBER	SSL-LX5093ID-TR204	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.20.06	E.C.N. #11148.		Α
02.13.12	E.C.N. #10BRDR & REDRAWN.		В

	-	12.7±1.0 [0.500±0.039] 2.0 MAX.	2.0 MAX.
	8.60 [0.339]	1.00 [0.039]	
	CATHODE	20.0 [0.787]	
2]		9.0 [0.354]	
	+	ø4.00 [ø0.157]	
	5.1 [0.200]	12.7±1.0 [0.500±0.039]	Ц

ELECTRO-OPTICAL	CHARACTERISTICS Ta=25°C	lf=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
ORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		40		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
MITTED COLOR:	RED				
POXY LENS FINIS	H: RED 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	mW/*C
DPERATING TEMP.	-40 TO +85	.c
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+260	.c
2.0mm FROM BODY	3	SEC.
t tz10uS		

NOTES:

1. 1,000 PCS. PER REEL.

\*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= +0.00 (±0.030) MIN= +0. LINICONITROLLED DOCLIMENT



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TAPE FEED DIRECTION -

T-5mm (T-1 3/4) 635nm RED LED, RED DIFFUSED LENS, TAPE AND REEL

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

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	DATE:	02.13.12		DRAWN BY:	AB	
	PAGE:	1 OF 1		CHKD BY:	KF	
	SCALE:	NTS		APRVD BY:	SS	
	UNIT: mm [INCH]		] [	(Pb)		