



PART NUMBER	SSL-LX203CSRT	REV	F
DATE	ECN NUMBER	REV	
01.04.96	E.C.N. # 10108		A
14.12.96	E.C.N. # 10145		B
02.09.01	E.C.N. # 10BRDR & REDRAWN		C
05.13.04	E.C.N. # 11126		D
07.26.11	E.C.N. # 10BRDR & REDRAWN		E
09.12.17	ECN-Lumex201700070		F

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	640	-	-	If=20mA
FORWARD VOLTAGE	-	2.1	2.5	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vr	Ir=10uA
LUMINOUS INTENSITY	-	250	-	mcd	If=20mA
VIEWING ANGLE	-	140	-	2x theta1/2	If=20mA
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED TRANSPARENT				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
STEADY CURRENT	25	mA
POWER DISIPATION	62.5	mW
STORAGE TEMPERATURE	-40 to +85	°C
OPERATING TEMPERATURE	-40 to +100	°C
SOLDERING TEMPERATURE	3sec MAX @ 260	°C

*t<10us

NOTES:

1. ANODE MARK IS INDICATED BY A SMALL MARKING ON THE SIDE OF THE CERAMIC SURFACE. RED MARK INDICATES ANODE.
2. WHITE CERAMIC BASE STEM.

*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}/_{-0.00} DECIMAL PRECISION, MAX = ^{+0.00}/_{-0.00} DECIMAL PRECISION

	N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 830-315-2150 WEB : WWW.LUMEX.COM425	T-2 CERAMIC STEM LED, 640nm RED LED, RED TRANSPARENT LENS		DATE : 2017.09.12	DRAWN BY : E.C.		
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.				PAGE : 1 OF 1	CHKD BY : G.Y.
		CONFIDENTIAL INFORMATION				SCALE : NTF	APRVD BY : R.C.
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