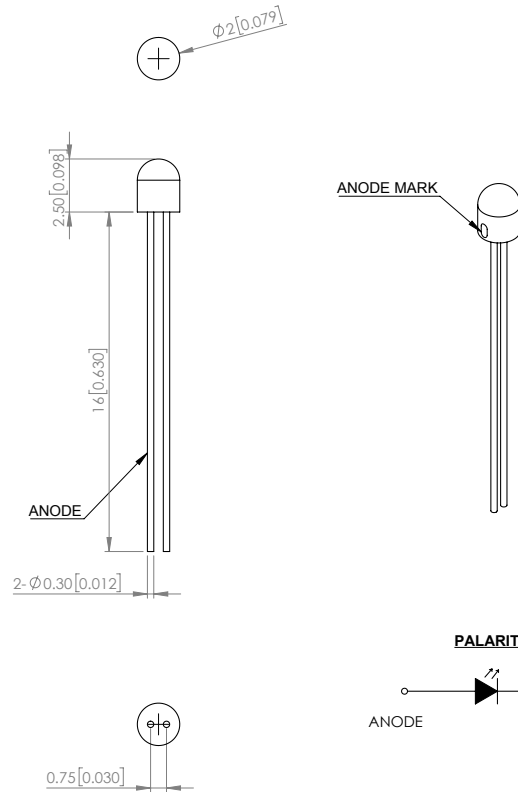


PART NUMBER	SSL-LX203CSIT	REV	C
DATE	ECN NUMBER	REV	
05.13.04	E.C.N. # 11126	A	
07.26.11	E.C.N. # 10BRDR & REDRAWN	B	
09.12.17	ECN-Lumex201700069	C	



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

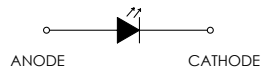
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAELENGHT	-	635	-	-	If=20mA
FORWARD VOLTAGE	-	2.1	2.5	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vf	Ir=10uA
LUMINOUS INTENSITY	-	450	-	mcd	If=20mA
VIEWING ANGLE	-	140	-	2x theta1/2	If=20mA
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED TRANSPARENT				

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

PALARITY



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} DECIMAL PRECISION -0.00 MAX= ^{+0.00} DECIMAL PRECISION -0.00



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T-2 CREAMIC STEM LED, 635nm RED LED, RED TRANSPARENT LENS

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

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DATE : 2017.09.12	DRAWN BY : E.C.
PAGE : 1 OF 1	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : R.C.
UNIT : mm [INCH]	(P)