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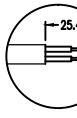
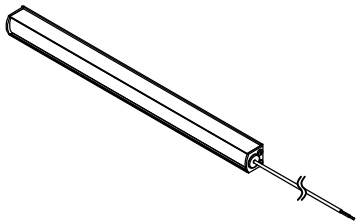
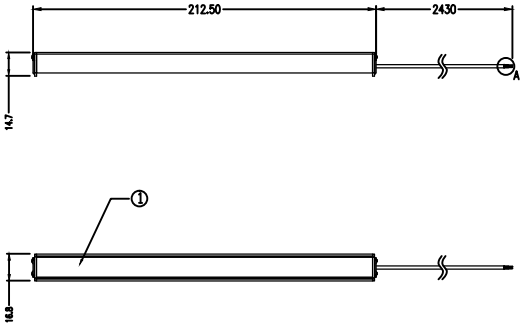
PART NUMBER	SSA-LX19012MWC-8	REV.	--



NOTE:
1) SML-LX19012UWC-W87





ELECTRO-OPTICAL CHARACTERISTICS To=25°C If=320mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE		12		Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		240		lum	If=600mA
VIEWING ANGLE		170		2x theta	
COLOR TEMP		3500			
EMITTED COLOR:	WARM WHITE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT*	Ip	1000	mA
STEADY CURRENT	If	600	mA
LED JUNCTION TEMPERATURE		130	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING TEMP.	Topr	-20 TO +70	°C
STORAGE TEMP.	Tsto	-20 TO +70	°C

* t<10µS

C1 C2 C3

*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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Creating LED and LCD Solutions Together™

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WHITE FLIP CHIP LED LIGHT BAR, IP67, 8' LEADS

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

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