

DATE

REVISIONS

REV

DRAWING NUMBER  
SSA-LXB10SRW-10652

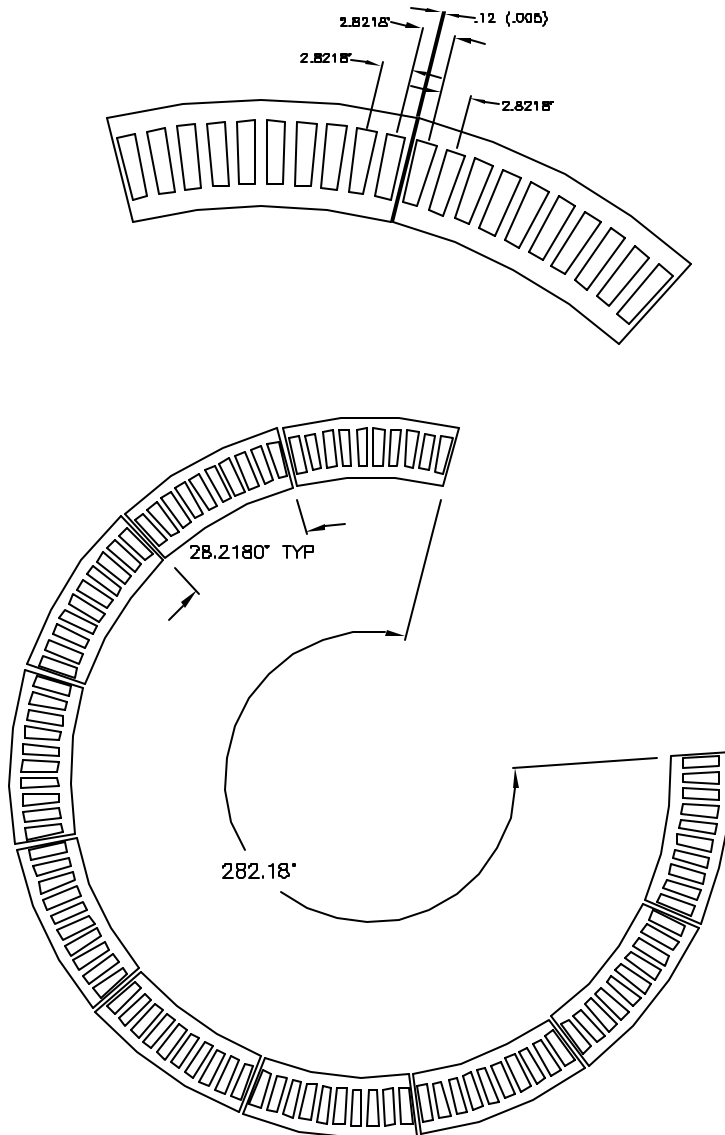
REV

ELECTRO-OPTICAL CHARACTERISTICS  $T_A = 25^\circ\text{C}$   $I_f = 20\text{mA}$ 

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.2	$V_f$	
REVERSE VOLTAGE	4.0			$V_r$	$I_f = 100\mu\text{A}$
AXIAL INTENSITY		40		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		160		$2 \times \theta$	
EMITTED COLOR	RED				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

\*  $t < 10\mu\text{s}$ MATERIAL: NORYL  
FACE COLOR: GRAY
**LUMEX**  
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## CONFIDENTIAL INFORMATION

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DATE: 3-9-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

CUSTOM 10 SEGMENT LED ARRAY,  
SUPER RED

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