Approved Checked Design	DEVELC	OPMENT SPECI	FICATION			
Saras Station with	<u>P/N:</u>	LNV810105	<u>A</u>		8	1
TYPE	10-ELEME	NT BAR GRAPH A	RRAY (Ligh	ting co	lor:Or	ange)
MATERIAL	ATERIAL GaAsP					
APPLICATION	Indicat	огѕ			_	
OUTLINE	See att	ached drawing				
CONNECTION	See att	ached drawing				
ABSOLUTE	P/seg *	<sup>1</sup> I <sub>FP</sub> /segl <sub>FDC</sub> /s	eg V <sub>R</sub>	Topr	Τ	stg
MAXIMUM	60	100 20	3	-25~+8	30 - 30	~+85
RATINGS	mW	mA mA	v	°c		°c
CONDITION	$Ta = 25 \pm$	:3° C				
	7	Test Specifi	cation			
•		Symbol condition		Limit		Un i t
Item	Symbo	Condition	Typ.	Min.	Max.	
Forward Voltag	ge V <sub>F</sub>	$I_{r} = 10 \text{ mA}$	1.93		2.8	v
Reverse leakage C	Current I <sub>R</sub>	$V_R = 3V$			10	μΑ
Luminous intens p	ity *2 erLED Io	$I_{FDC} = 10 \text{ mA}$	1000	300		μcd
Peak Emission Wav	elength λp	$I_{FDC} = 10 \text{ mA}$	630			nm
Spectral Line Hal	f Width Δλ	$I_{FDC} = 10 \text{ mA}$	40			nm

\*1 The Condition of  $I_{\rm FP}$  is duty 10%, pulse width 1ms.

\*2 Io scattering of the same element in the same case Io max/min  $\leq 2.5$ (condition is  $I_{FDC} = 10 \text{mA/chip}$ )

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SEP. 25. 1998













Approved	Checked	Designed	DEVELOPMENT SPECIFICATION					
Ja	j.	1	DEVELOPMENT SPECIFICATION					
		LIDWAN						
1 Gr		1 mill	P/N: LNV810105A	8	8			
<u>Y</u>	, <u>,</u>	Mr.						
		· ·						
Request	ts and Ca	utions for	Use					
Requests and Cautions for Use								
Gove cont	ernment if rolled un	f any of t	to be obtained from the competent authorities of the products or technologies described in this docum Foreign Exchange and Foreign Trade Control Law" is	ment and				
7 Tho	toobnical	informat	ion dependent in this descent to lists 1 and 1					
char	acteristi anting of	ics and ap	ion described in this document is limited to showin plied circuit examples of the products. It does not al property, the granting of relative rights, or th	constitute	e the			
<b>γ</b> τ⊾_	nnaduct-	dooonthe	in this document and the table to the					
			in this document are intended to be used for stand					
			equipment (such as office equipment, communications	equipment,				
			and household appliances).					
			f in advance for information on the following appli					
			(such as for airplanes, aerospace, automobiles, tr					
eq	uipment,	combustio	n equipment, life support systems and safety device	s) in which				
			and reliability are required, or if the failure or					
			ectly jeopardize life or harm the human body.					
			er than the standard applications intended.					
max	imum rati	ng, the r	uipment, comply with the guaranteed values, in par ange of oparating power supply voltage and heat rad wise, we will not to be liable for any defect whic	iation				
in '	the equip	ment.						
Ever	n when th	e product	are used within the guaranteed values, redundant	design is				
			uch equipment may not violate relevant laws or reg		cause			
			products.		cause			
			• • • • • • • • • • • • • • • • • • • •					
(ind	cluding s	helf life	r which vacuum packing is required, observe the con and after-unpacking stand-by time) agreed upon when		tion			
shee	ets are i	noividual	y exchanged.					
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SEP	.25.1998							

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KAGOSHIMA MATSUSHITA ELECTRONICS CO., LTD.

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