

LED DATA SHEET

Part No.	LSD051BSR-10		
Emitted Color	High Red	Face Color	Black

Features:

0.50" single digit display / Chip material : GaAlAs

Industrial standard size / Low power consumption and high reliable

◆ Absolute Maximum Rating (Ta=25°C)

Parameter	Symbol	Max.	Unit
Power Dissipation /Segment	P _M	50	Mw
Peak Forward Current /Segment	I _{FP}	60	mA
Continuous Forward Current /Segment	I _F	20	mA
Reverse Voltage /Segment	V _R	6	V
Operating Temperature Range	T _{opr}	-20°C~70°C	°C
Storage Temperature Range	T _{stg}	-20°C~85°C	°C

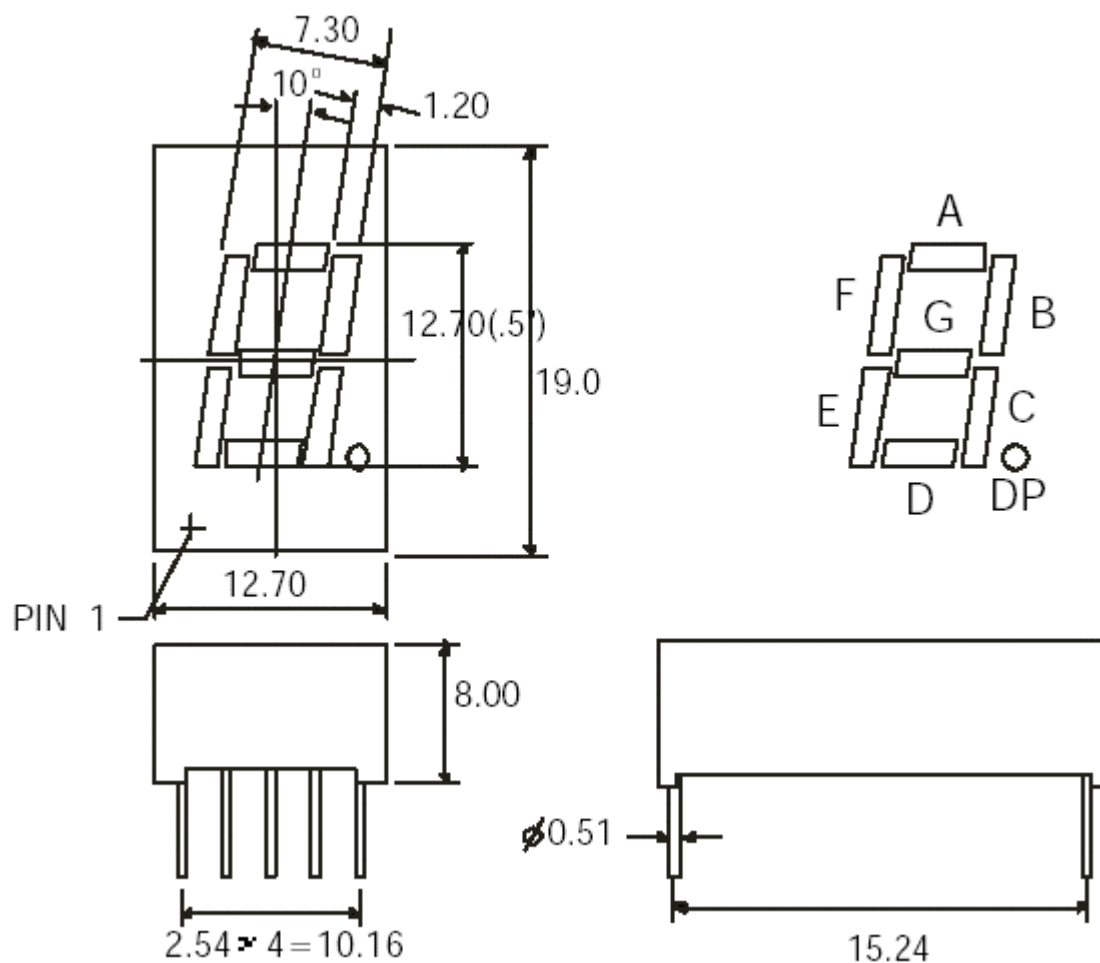
Solder Temperature: 2mm From Body For 3 Seconds at 260°C

◆ Electrical Optical Characteristics (Ta=25°C)

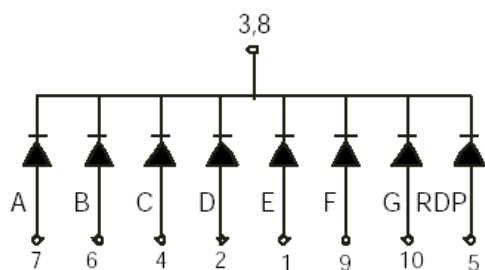
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity /Segment	I _V	--	3.0	--	mcd	I _F =10mA
Forward Voltage /Segment	V _F	--	1.8	2.5	V	I _F =20mA
Reverse Current /Segment	I _R	--		50	uA	V _R =5V
Peak Emission Wavelength	λ _P	--	655	--	nm	I _F =20mA
Spectral Line Half Width	Δλ	--	20	--	nm	I _F =20mA

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http://www.wenrun.com Fax:0511-5512860			

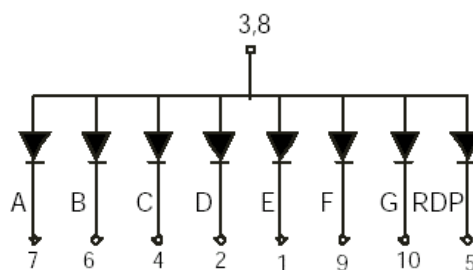
Package Dimensions:



LSD051ASR-10



LSD051BSR-10



Note:

- 1、 All dimensions are in millimetres (mm)
- 2、 Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted