

LED DATA SHEET

Part No.	LSD050BSR-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)

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 ~ 70	
Storage Temperature Range	T _{stg}	-20 ~ 85	

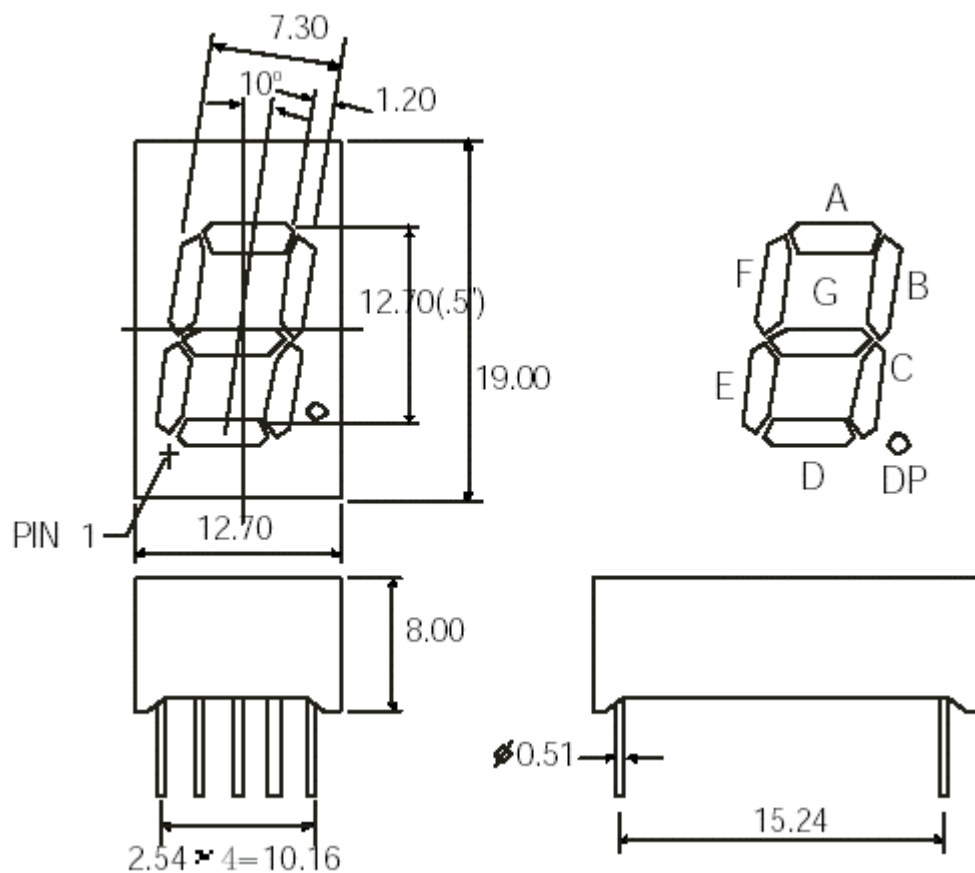
Solder Temperature: 2mm From Body For 3 Seconds at 260

Electrical Optical Characteristics (Ta=25)

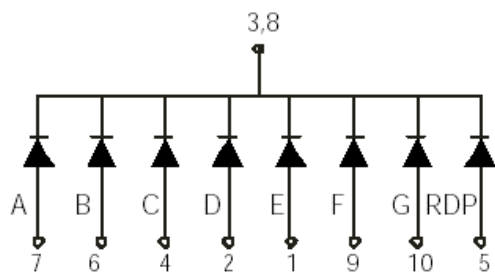
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity /Segment	I _V	--	3.0	--	mcd	I _F =10mA
Forward Voltage /Segment	V _F	--	1.8	2.5	V	I _F =20mA
Reverse Current /Segment	I _R	--		50	uA	V _R =5V
Peak Emission Wavelength	λ _P	--	655	--	nm	I _F =20mA
Spectral Line Half Width	Δ λ	--	20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

Part No.	LSD050BSR-10	Edition Data: 2002 -12 -20	Page: 1 of 2
		http://www.wenrun.com	Fax:0511-5512860

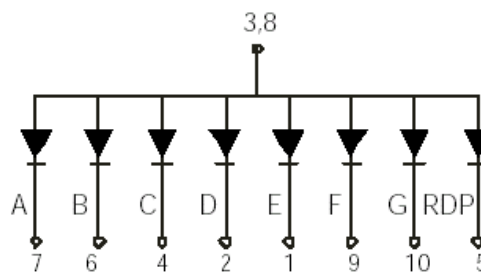
Package Dimensions:



LSD050ASR-10



LSD050BSR-10



Note:

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

Part No.	LSD050BSR-10	Edition Data: 2002 -12 -20	Page: 2 of 2
http://www.wenrun.com		Fax:0511-5512860	