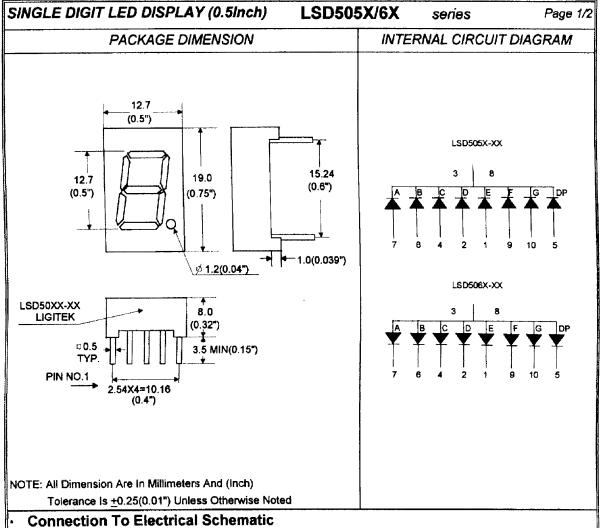
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Electrical Connection								
PIN NO.	LSD505X-XX	PIN NO.	LSD506X-XX					
1	Anode E	1	Cathode E					
2	Anode D	2	Cathode D					
3	Common Cathode	3	Common Andoe					
4	Anode C	4	Cathode C					
5	Andoe DP	5	Cathode DP					
6	Andoe B	6	Cathode B					
7	Andoe A	7	Cathode A					
8	Common Cathode	8	Common Andoe					
9	Andoe F	9	Cathode F					
10	Andoe G	10	Cathode G					
文件編號	表:QW0905-S505/6X-XX	版本:A	生效日期: Jun.8.					

SINGLE DIGIT LED DISPLAY (0.5Inch)

LSD505X/6X

series

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Part Selection And Application Information (Ratings At 25°C Ambient)

	CHIP		common cathode or anode	λP (nm)	Δλ (nm)						
PART NO						Vf(v)			iv(mcd)		IV-M
	Material	Emitted				Min	Тур.	Max	Min	Тур.	
LSD5055-XX	GaAlAs	Red		660	20	1.5	1.7	2.4	2.1	3.4	2:1
LSD5051-XX	GaP	Red	Common Cathode	697	90	1.7	2.1	2.8	1.5	0.9	2:1
LSD5052-XX	GaP	Green		565	30	1.7	2.1	2.8	1.6	2.6	2:1
LSD5053-XX	GaAsP/GaP	Yellow		585	35	1.7	2.0	2.8	1.4	2.4	2:1
LSD5054-XX	GaAsP/GaP	Orange		635	45	1.7	2.0	2.8	1.6	2.6	2:1
LSD5065-XX	GaAlAs	Red		660	20	1.5	1.7	2.4	2.1	3.4	2:1
LSD5061-XX	GaP	Red	Common	697	90	1.7	2.1	2.8	1.5	0.9	2:1
LSD5062-XX	GaP	Green		565	30	1.7	2.1	2.8	1.6	2.6	2:1
LSD5063-XX	GaAsP/GaP	Yellow		585	35	1.7	2.0	2.8	1.4	2.4	2:1
LSD5064-XX	GaAsP/GaP	Orange		635	45	1.7	2.0	2.8	1.6	2.6	2:1

Absolute Maximum Rating (Ta=25°C)

Parameter	Red		Green		Yellow		Ora	ange	Unit	Remark	
Forward Current Per Chip	SR		Н		G	,	r		E		
	40		15		30	2	0		30	mA	
Peak Current Per Chip (Duty 1/10, 0.1MS Pulse Width)	200		60		120	8	0		120	mA	1
Power Dissipation Per Chip		10	45	100		85		1	00	mW	
Derating Linear From 25°C Per Chip	0.	45	45 0.25		45	0.45		0	. 45	mA/ ºC	
Reverse Current Per Any Chip	10			10		10		10		μА	
Operating Temperature		-40°C TO +85°C									
Storage Temperature		-40°C TO +100°C									

Solder Temperature 1/16 Inch Below Seating Plane For 3 Seconds At 260°C

Test Condition For Each Parameter

Parameter	Symbol	Unit	Test Condition
Forward Voltage Per Chip	Vf	volt	If=20mA
Luminous Intensity Per Chip	Iv	mcd	lf=10mA
Peak Emission Wavelength	λР	nm	lf=20mA
Spectral Line Half-Width	Δλ	nm	If=20mA
Reverse Current Any Chip	Ir	μА	Vr=5V
Luminous Intensity Matching Ratio	IV-M		