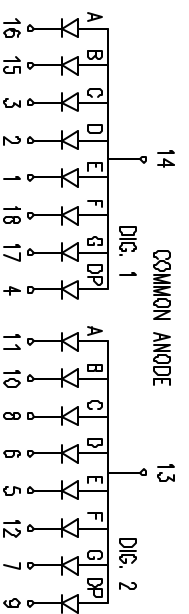


ELECTRO-OPTICAL CHARACTERISTICS I<sub>A</sub>=25°C I<sub>f</sub>=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	V <sub>f</sub>	
REVERSE VOLTAGE		5.0		V <sub>r</sub>	I <sub>f</sub> =100µA
AXIAL INTENSITY			3900	µcd	I <sub>f</sub> =10mA
EMITTED COLOR:		YELLOW			
FACE COLOR:		BLACK			
SEGMENT COLOR:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+280	°C
2.0mm FROM BODY		3 SEC. MAX
* t<10µs		



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (+0.030), X±#0.5 (+0.020), X±#1.25 (+0.010), XXX=#0.127 (+0.005), LEAD SIZE=#0.06 (+0.002), LEAD LENGTH=#0.75 (+0.030), MIN=-0.00

PART NUMBER  
LDD-A5003RD

REV.  
0.5" SEVEN SEGMENT, DUAL DIGIT DISPLAY,  
YELLOW CHIPS, BLACK FACE WITH WHITE SEGMENTS,  
COMMON ANODE, RIGHT DECIMAL PLACES.

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RELIABILITY NOTE  
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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