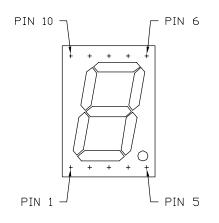
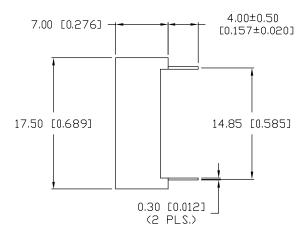
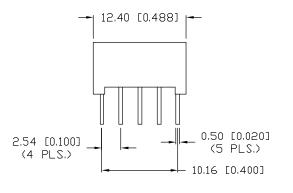
LDS-A5204RI



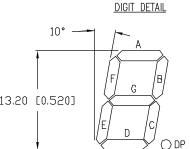


ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			٧r	I _r =100μΑ
AXIAL INTENSITY		3000		μcd	$I_f = 10mA$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY	WHITE DIFFUSE	D		



3.8

COMMON ANODE



13.20 [0.520]

LIMITS OF SAFE OPERATION AT 25'C PER DIE

PARAMETER	MAX	UNITS			
PEAK FORWARD CURRENT*	100	mA			
STEADY CURRENT	30	mA			
POWER DISSIPATION	112	mW			
DERATE FROM 25°C	0.33	mA∕⁺C			
OPERATING, STORAGE TEMP.	-25 TO +85	°C			
SOLDERING TEMP.	+ 260	. C			
2.0mm FROM BODY		3 SEC. MAX			
* 1/10 DUTY CYCLE 0.1 DUI CE WIDTH					

* 1/10 DUTY CYCLE. 0.1ms PULSE WIDTH.

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX. = +0.00 -DECIMAL PRECISION

REV. PART NUMBER LDS-A5204RI

C \ $\dot{\Box}$ \Diamond

0.52" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 635nm RED, GRAY FACE, MILKY WHITE SEGMENTS, COMMON ANODE.

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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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APPROVED BY: DATE: 2.24.03 PAGE: 1 OF 1 SCALE: N/A

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