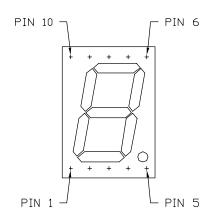
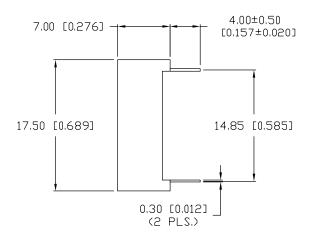
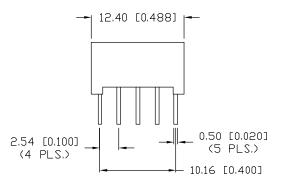
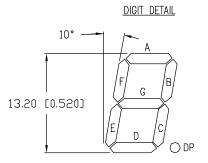
## LDS-A5204RI





ELECTRO-OPTICAL CH	HARACTER	RISTICS TA=25°C	)	$I_f = 10mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			٧٢	I <sub>Γ</sub> =100μΑ
AXIAL INTENSITY		3000		μcd	$I_f = 10mA$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY	WHITE DIFFUSE	D		





## LIMITS OF SAFE OPERATION AT 25'C PER DIE

MAX	UNITS
100	mA
30	mA
112	mW
0.33	mA∕*C
-25  TO  +85	°C
+ 260	<b>•</b> C
	3 SEC. MAX
	100 30 112 0.33 - 25 TO +85

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

3.8 COMMON ANODE  $\dot{\Box}$  $\Diamond$ 

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 ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.0002), LEAD SIZE

REV.

PART NUMBER LDS-A5204RI

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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CHECKED BY: DRAWN BY:

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

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