UNCONTROLLED DOCUMENT

PIN 1

PIN 1

PART NUMBER
LDS-AA404RI

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	E.C.N. #10BRDR. & REDRAWN.	10-19-99

10 \ PIN 6	_	15.00 [0.59 - 4.80±0. - [0.189±0	.50	
++++	122.00 [4,803]	107.00 [4,213]	10° —	A B B D C DP DIGIT DETAIL

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE *		8.0/4.0	10.0/5.0	V_{f}	
REVERSE VOLTAGE	5.0			V_r	Ir=100µA
AXIAL INTENSITY		8,200		μcd	$I_f = 10mA$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY '	WHITE DIFFU	SED		
* SECOND VALUE FOR TWO CHIPS IN DECIMAL POINT.					

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	m W/ *C
OPERATING, STORAGE TEMP.	-20 TO +80	°C
SOLDERING TEMP.	+ 260	. C
2.0mm FROM BODY		3 SEC. MAX
* 1 × 10C		

* t<10µS

LIMITO OF OFFICE OF ELECTRICATE AND THE DIE	LIMITS	OF SAFE	OPERATION A	AT 25°C	PER DIE
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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.	-20 TO +80	. C
SOLDERING TEMP.	+ 260	. C
2.0mm FROM BODY		3 SEC. MAX
* t/10uS		

90.00 [3.543] -Ø0.80 [0.031] 5.08 [0.200] (10 PLS.) (4 PLS.)

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV. PART NUMBER LDS-AA404RI

> 4.0" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 635nm RED CHIPS, GRAY FACE, MILKY WHITE DIFFUSED SEGMENTS, COMMON ANODE.

20.32 [0.800]

└ PIN 5

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COMMON ANODE

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.

290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: 1-847-359-2790 WEB: HTTP://WWW.LUMEX.COM

DRAWN BY:

TM/DU

CHECKED BY: APPROVED BY:

DATE: 1-19-98 PAGE: 1 OF 1

SCALE: N/A