## UNCONTROLLED DOCUMENT

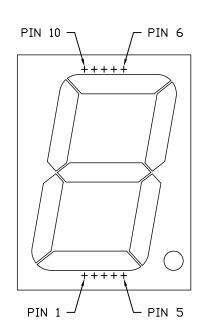
PART NUMBER

LDS-AA406RI-SI

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

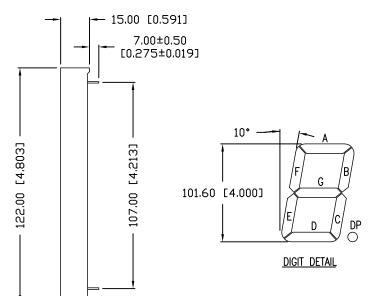
REV.



90.00 [3.543] -

5.08 [0.200]

(4 PLS.)



ELECTRO-OPTICAL CHARACTERISTICS T <sub>A</sub> =25°C I <sub>f</sub> =10mA						
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		660 (RED)		nm		
FORWARD VOLTAGE *		8.0/2.0	9.6/2.4	$V_{f}$		
REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100µA	
AXIAL INTENSITY	20,000	40,000		μcd	$I_f = 10 \text{mA}$	
EMITTED COLOR:	SUPER	RED				
FACE COLOR:	GRAY					
SEGMENT COLOR:	MILKY WHITE DIFFUSED					
* SECOND VALUE FOR TWO CHIPS IN DECIMAL POINT.						

3,8 COMMON ANODE
<del>*************************************</del>
\$\frac{1}{2}\fra
A B C D E F G DP
7 6 4 2 1 9 10 5

## LIMITS OF SAFE OPERATION AT 25°CPER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	50	mA
POWER DISSIPATION	480	mW
DERATE FROM 25°C	<b>-1.2</b>	mW/°C
OPERATING, STORAGE TEMP.	- 35 TO +85	•C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

\* t<10µS

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

PART NUMBER

LDS—AA406RI—SI

4.0" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 660nm SUPER RED CHIPS, GRAY FACE, MILKY WHITE DIFFUSED SEGMENTS, COMMON ANODE.

Ø0.80±0.10 [Ø0.031±.004]

(10 PLS.)

20.32 [0.800]

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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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DT DT SCALE: N/A