UNCONTROLLED DOCUMENT

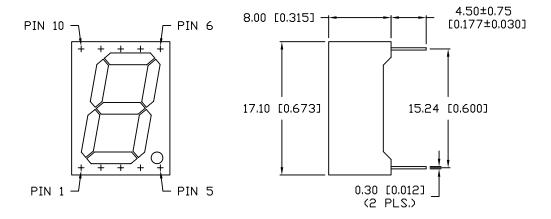
PART NUMBER LDS-A5645RI

(X)

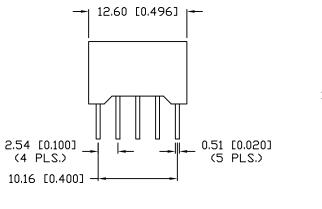
E.C.N. NUMBER AND REVISION COMMENTS

DATE

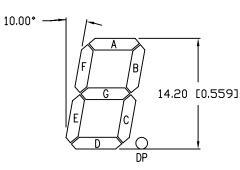
REV.



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V_{f}	
REVERSE VOLTAGE	5.0			V_r	Ir=100µA
AXIAL INTENSITY		1500		μcd	$I_f = 10 \text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY	WHITE DIFFUSE)		







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.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX
	<u> </u>	

* t<10µS

3,8 COMMON ANODE

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

REV.

PART NUMBER LDS-A5645RI

0.56" SEVEN SEGMENT, SINGLE DIGIT DISPLAY, 700nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON ANODE, RIGHT DECIMAL POINT.

CONFIDENTIAL INFORMATION
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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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BC

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APPROVED BY: DATE: 4-19-99

PAGE: 1 OF 1

SCALE: N/A