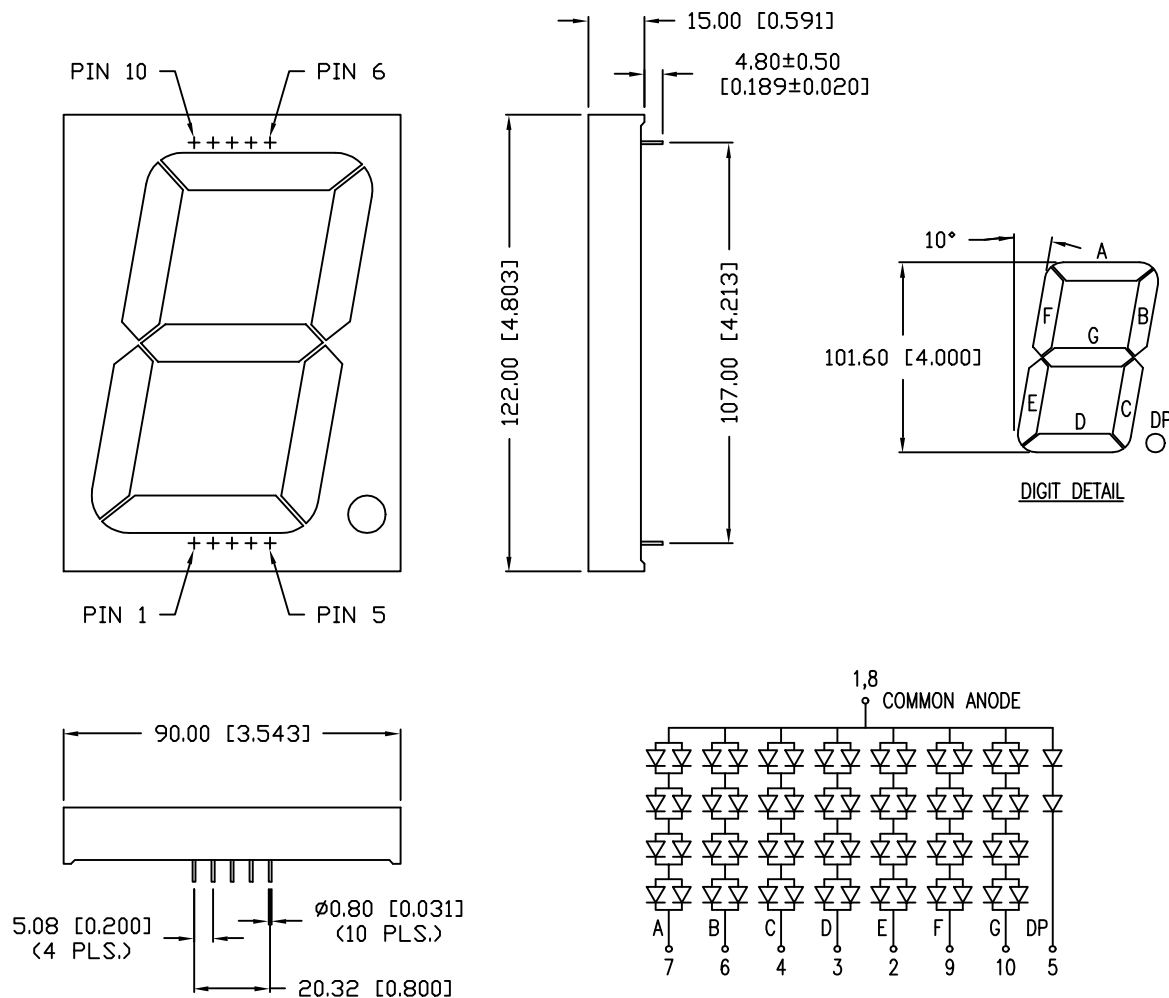


PART NUMBER		REV.
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REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE *		7.2/3.6	9.2/4.6	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20,000		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.

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-20 TO +80	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$ *UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

REV.

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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.

LUMEX
INCORPORATED

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

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

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 10-19-99

TM/DU

PAGE: 1 OF 1
SCALE: N/A

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