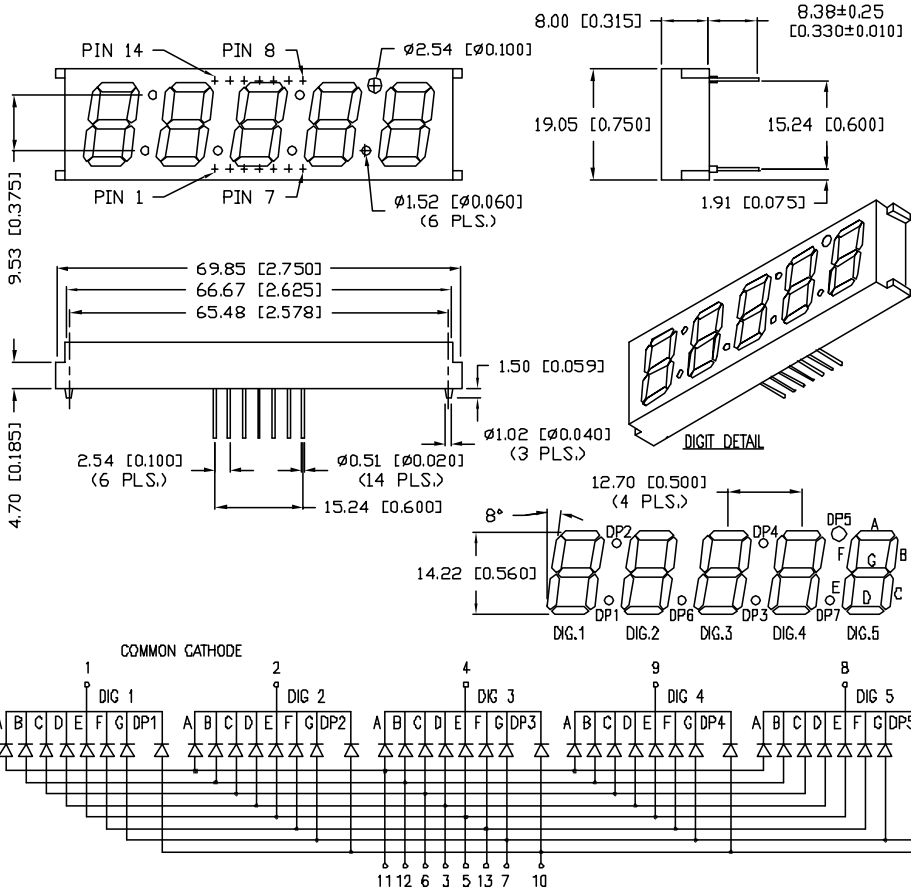


UNCONTROLLED DOCUMENT

PART NUMBER  
LDP-N566R1

REV.



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	$V_f$	
REVERSE VOLTAGE	4.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		6000		$\mu\text{cd}$	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM $25^\circ\text{C}$	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

\*  $t < 10\mu\text{s}$

- NOTES:
1. DP5 IS A DEGREE SYMBOL.
  2. DP1 & DP2 AND DP3 & DP4 ARE COLONS.
  3. TOLERANCES FOR ALL DIMS EXCEPT LEAD LENGTH  $\pm 0.127\text{mm}$  ( $\pm 0.005^\circ$ )

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm 1$  ( $\pm 0.038$ ), XX= $\pm 0.5$  ( $\pm 0.020$ ), XXX= $\pm 0.25$  ( $\pm 0.010$ ), XXXX= $\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ), NN= $\pm 0.001$  (DECIMAL PRECISION), MAX.= $\pm 0.001$  (DECIMAL PRECISION)

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REV. PART NUMBER  
LDP-N566R1

0.56" FIVE DIGIT, SEVEN SEGMENT, LED DISPLAY,  
660nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS,  
COMMON CATHODE, 14 PINS, MULTIPLEXED.

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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DRAWN BY: BC CHECKED BY: APPROVED BY: DATE: 8.5.03  
PAGE: 1 OF 1  
SCALE: N/A