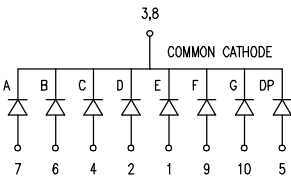


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=10\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		635		nm
FORWARD VOLTAGE		2.1	2.8	$V_f$
REVERSE VOLTAGE	5.0			$V_r$
AXIAL INTENSITY		3900		$\mu\text{cd}$
EMITTED COLOR:	RED			
FACE COLOR:	GRAY			
SEGMENT COLOR:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT $25^{\circ}\text{C}$ PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^{\circ}\text{C}$	-1.6	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +105	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY	3	SEC. MAX

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



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$  MAX.=  $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$  UNCONTROLLED DOCUMENT



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0.56" SEVEN SEGMENT, SINGLE DIGIT DISPLAY, 635nm RED CHIPS, COMMON CATHODE, RIGHT DECIMAL.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE: 01.29.10	DRAWN BY: JN
PAGE: 1 OF 1	CHKD BY:
SCALE: N/A	APRVD BY: SS
UNIT: mm [INCH]	(Pb)

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