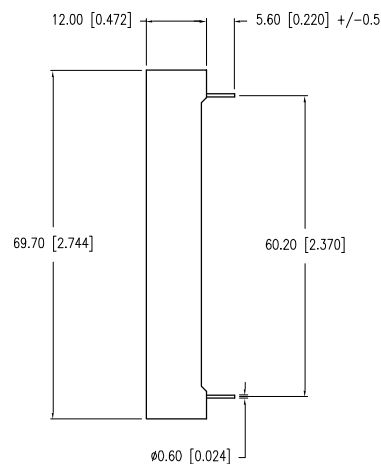
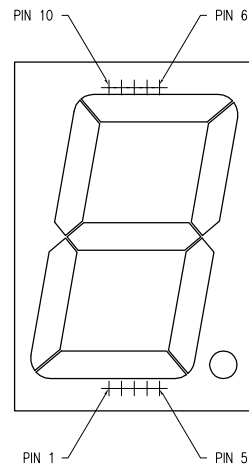
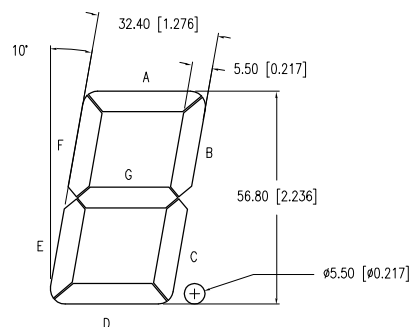


CHARACTER DETAIL

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE *		4.0/2.0	4.8/2.4	V_f	
REVERSE VOLTAGE	10			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		100		mcd	$I_f = 20\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

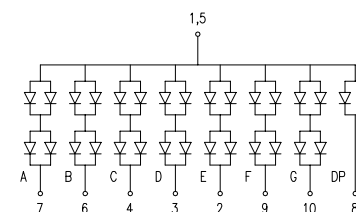
*2nd VALUE FOR DECIMAL POINT, PIN 8

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	105	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	480	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-35 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

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

POLARITY DIAGRAM



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $x = \pm 1$ (± 0.039), $x.x = \pm 0.5$ (± 0.020), $x.xx = \pm 0.25$ (± 0.010), $x.xxx = \pm 0.127$ (± 0.005). LEAD SIZE ± 0.05 (± 0.002), LEAD LENGTH ± 0.75 (± 0.030). MIN = $\frac{+ \text{DECIMAL PRECISION}}{-0.00}$ MAX = $\frac{+0.00}{- \text{DECIMAL PRECISION}}$ UNCONTROLLED DOCUMENT



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2.3" SINGLE DIGIT, SEVEN SEGMENT DISPLAY 635nm RED CHIP GRAY FACE, MILKY WHITE DIFF. SEG. COM. ANDE.

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

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DATE: 06.14.10	DRAWN BY: MP
PAGE: 1 OF 1	CHKD BY: KF
SCALE: N/A	APRVD BY: BC
UNIT: mm [INCH]	(R)