

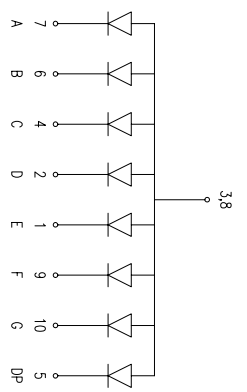
ELECTRO-OPTICAL CHARACTERISTICS $T_c=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		640		nm	
FORWARD VOLTAGE		1.95	2.40	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$I_r=10\mu\text{A}$
AXIAL INTENSITY		4500		cd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				2x theta
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-0.30	mW/°C
OPERATING TEMP.	-40 TO +105	°C
STORAGE TEMP.	-40 TO +105	°C

* I_C=100μS

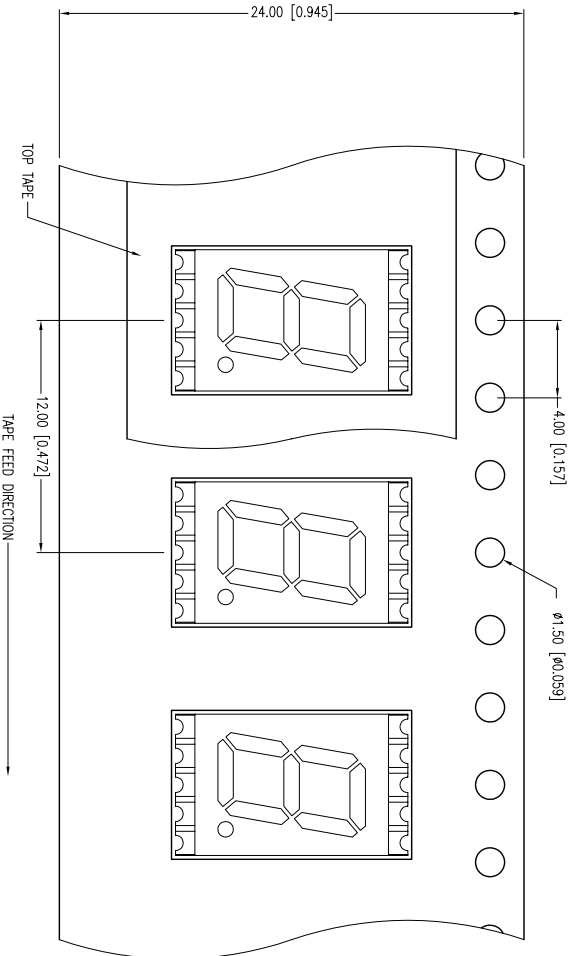
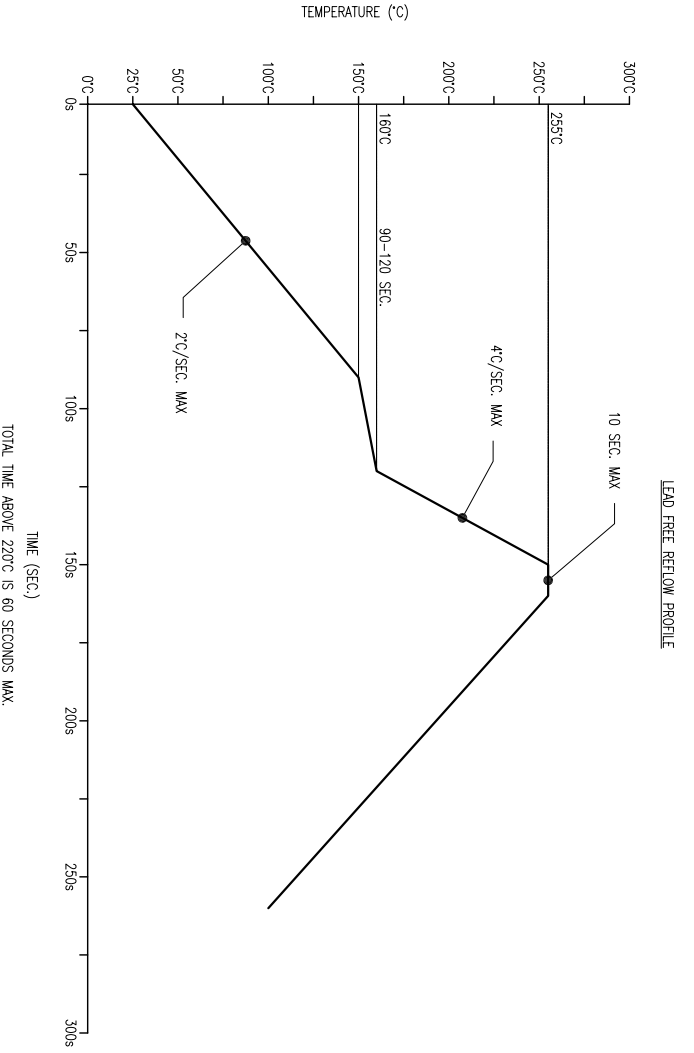


*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= -0.000, DECIMAL PRECISION MAX.= +0.000, DECIMAL PRECISION

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0.30" 7 SEGMENT SINGLE DIGIT DISPLAY, 640nm RED, HIGH TEMP., COMMON ANODE.
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