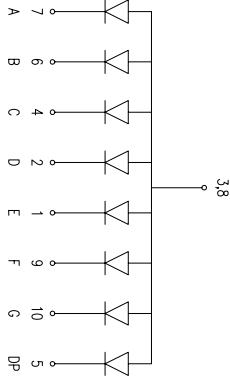
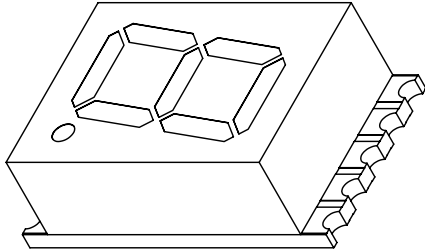
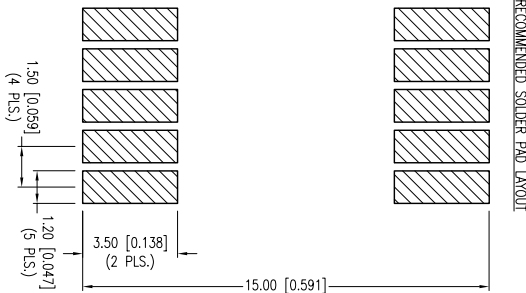
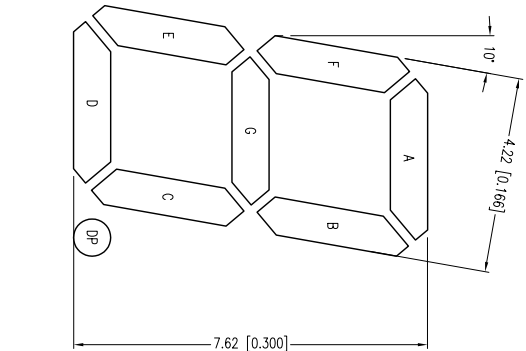


ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	640	1.95	2.40	nm	
FORWARD VOLTAGE				V <sub>f</sub>	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V <sub>r</sub>	$I_r=10\text{mA}$
AXIAL INTENSITY			4500	µcd	
EMITTED COLOR:	RED				2x theta
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

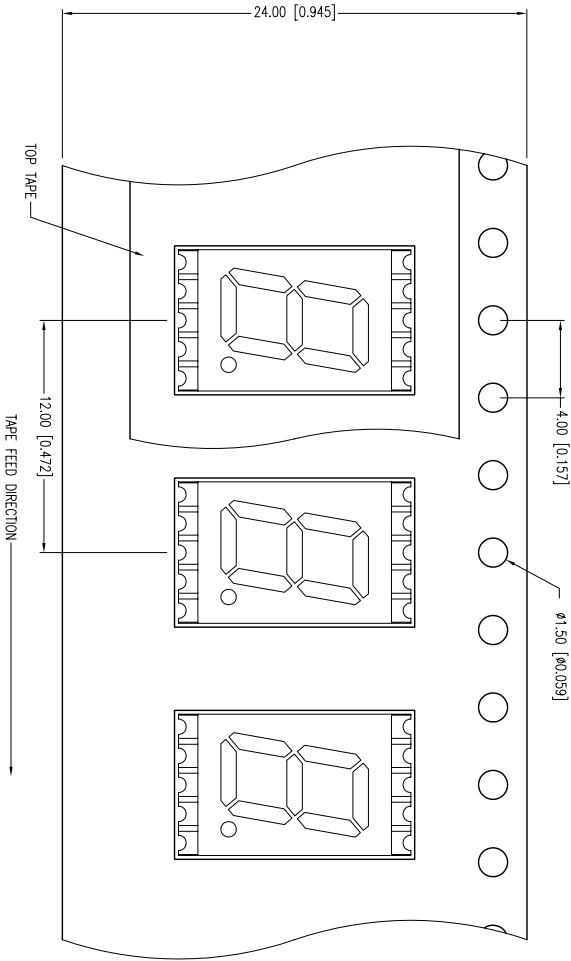
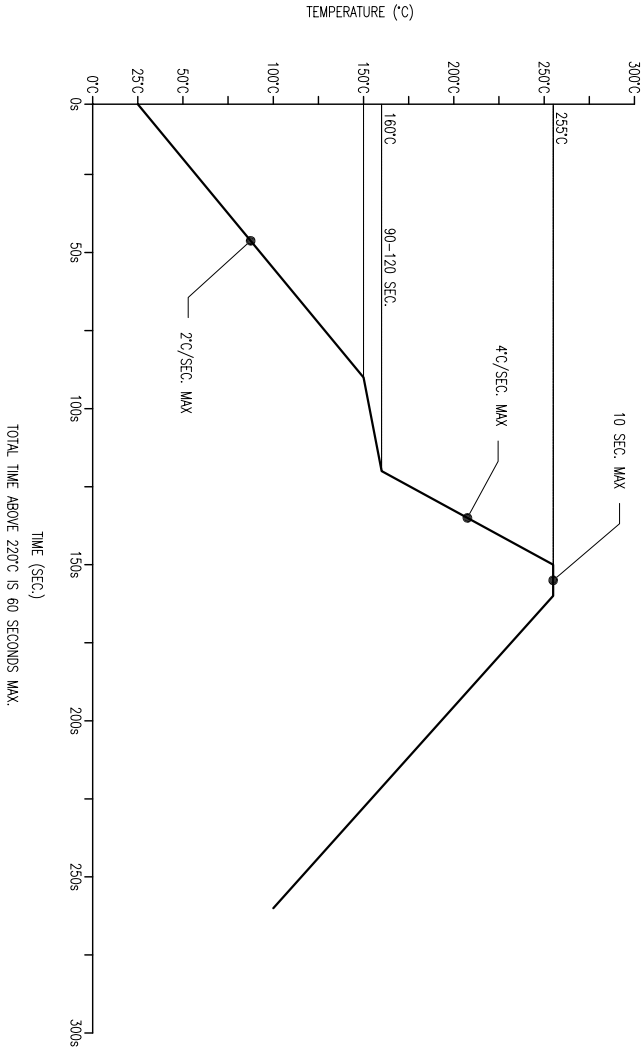
LIMITS OF SAFE OPERATION AT 25°C PER DIE		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-0.30	mW/°C
OPERATING TEMP.	-40 TO +105	°C
STORAGE TEMP.	-40 TO +105	°C

\*  $t \leq 100\text{s}$



\*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= -0.00, -DECIMAL PRECISION MAX = +0.00, -DECIMAL PRECISION

LEAD FREE REFLOW PROFILE



\*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= -0.00, DECIMAL PRECISION MAX = +0.00, DECIMAL PRECISION MIN = -0.00

UNCONTROLLED DOCUMENT



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MEMBER OF JTW PHOTONICS GROUP

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

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

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