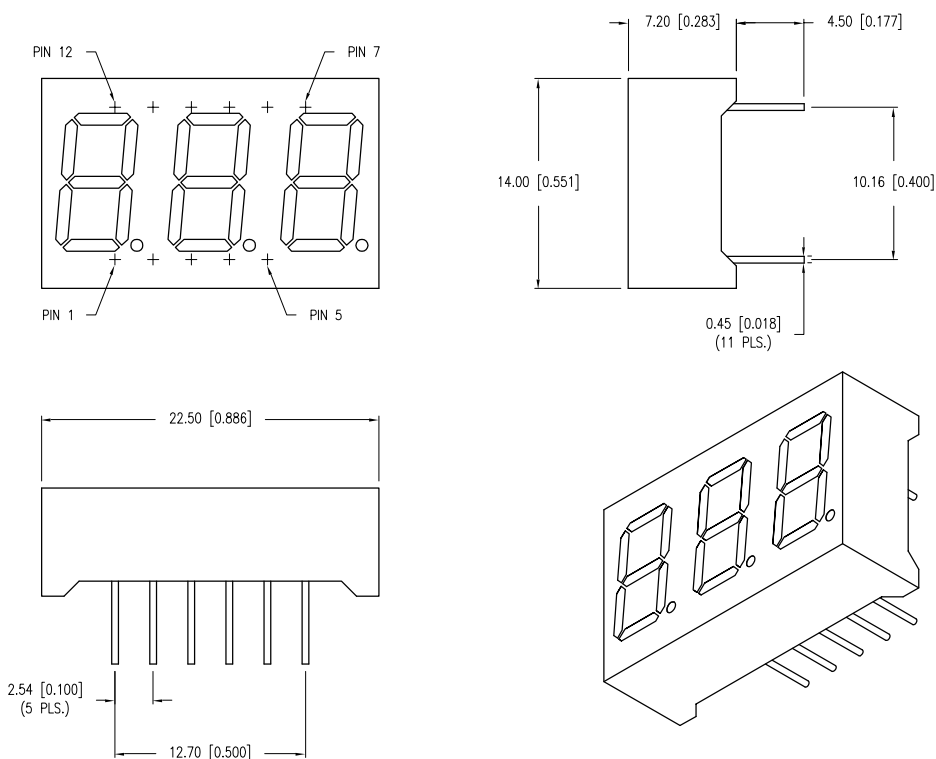


ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 10\text{mA}$

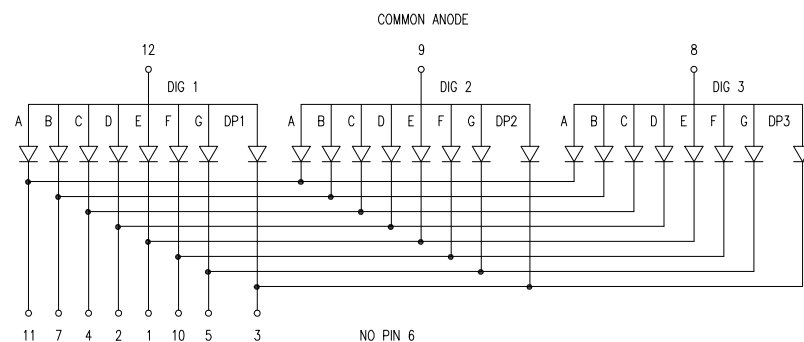
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		6000		μcd	$I_f = 10\text{mA}$
EMITTED COLOR:	BLUE				
FACE COLOR:	BLACK				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER SEGMENT

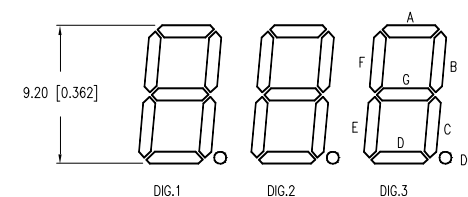
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	- 1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	- 40 TO + 85	$^\circ\text{C}$
STORAGE TEMP.	- 40 TO + 85	$^\circ\text{C}$
SOLDERING TEMP.	+ 260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

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

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



DIGIT DETAIL



*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