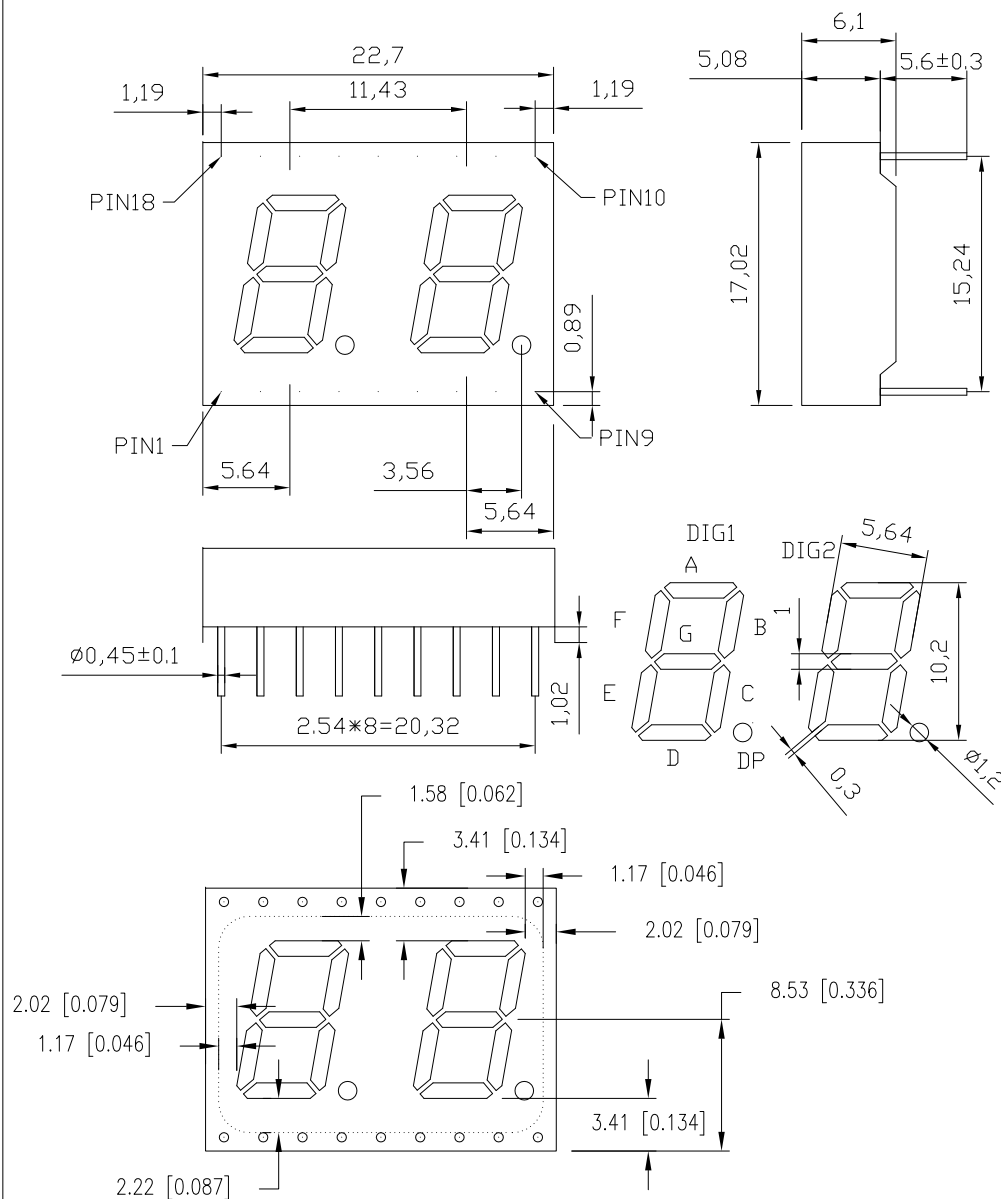
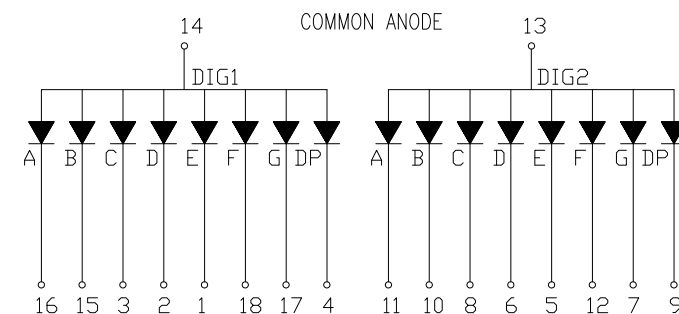


ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH λ_p		660		nm	$I_f=20\text{mA}$
FORWARD VOLTAGE	1.8	2.0	2.6	V_f	$I_f=20\text{mA}$
REVERSE VOLTAGE	5.0			V	$I_f=50\mu\text{A}$
AXIAL INTENSITY*	11000		32000	μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	65	mW
OPERATING TEMP.	-25 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-25 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$

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

B



*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= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX.= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT