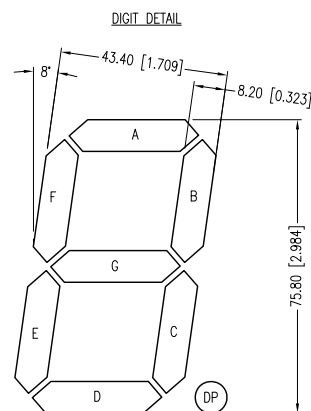
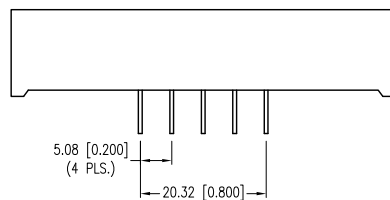
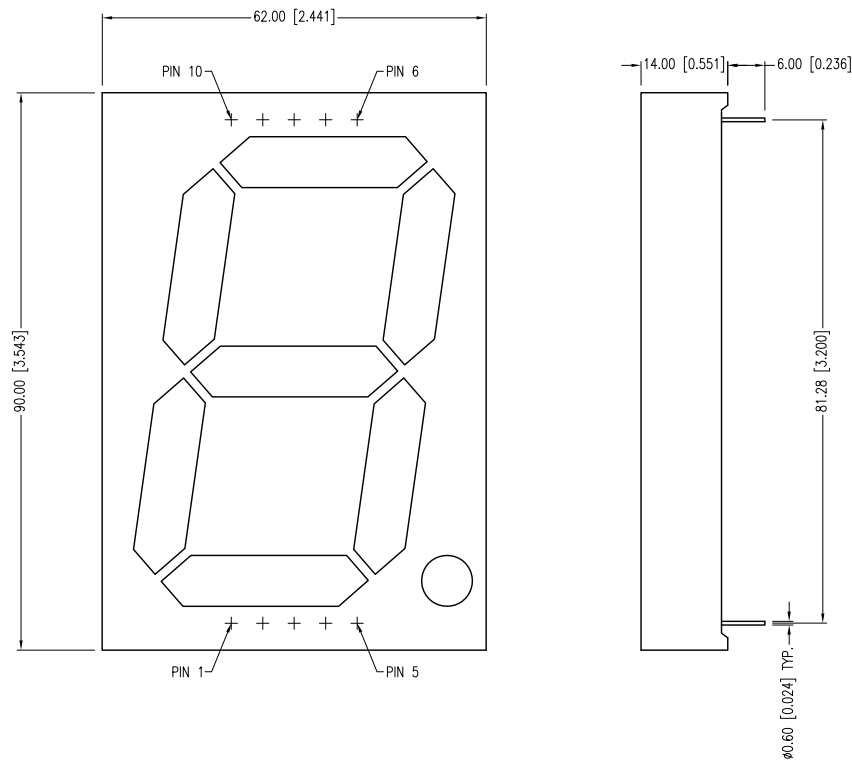
ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=10\text{mA}$

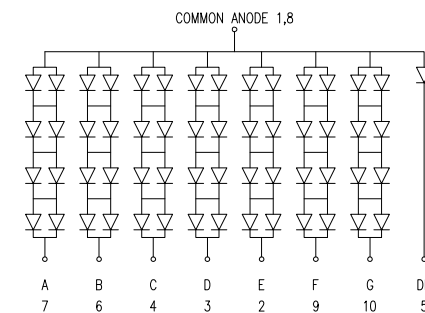
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE*		5.4/1.8	6.0/2.0	Vf	
REVERSE VOLTAGE*		15/5		Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY	24,000	32,000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	BLACK				
LENS FINISH:	MILKY WHITE DIFFUSED				

*PER SEGMENT/DECIMAL POINT

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT**	100	mA
STEADY CURRENT**	25	mA
POWER DISSIPATION*	150/50	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-35 TO $+105$	$^{\circ}\text{C}$
STORAGE TEMP.	-35 TO $+105$	$^{\circ}\text{C}$
SOLDERING TEMP.	$+260$	$^{\circ}\text{C}$
2.0mm FROM BODY	3	SEC.

**PER SEGMENT



*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= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX= $^{+0.00}_{-0.00}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT