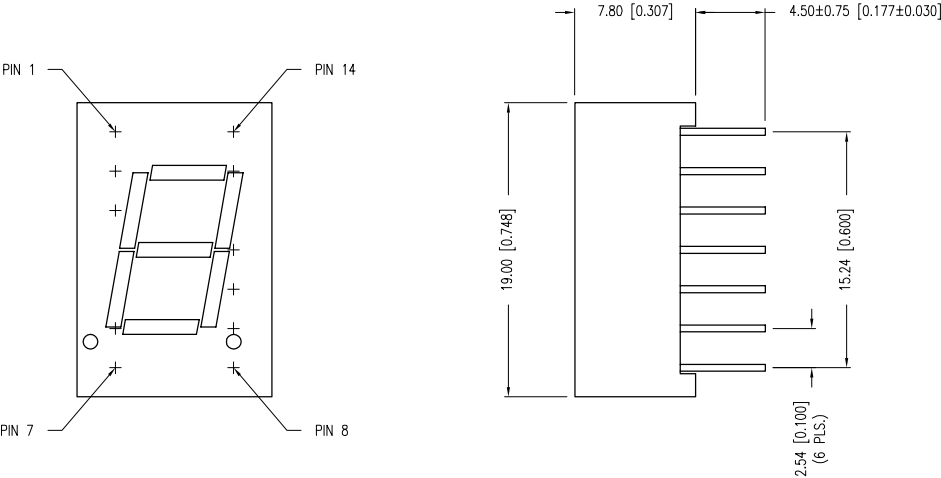


ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _F =20mA				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		635		nm
FORWARD VOLTAGE		2.0	2.5	V _F
REVERSE VOLTAGE	5.0			V _R
AXIAL INTENSITY		3900		mcd
EMITTED COLOR:	RED			
FACE COLOR:	GRAY			
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

RELIABILITY NOTE:
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.