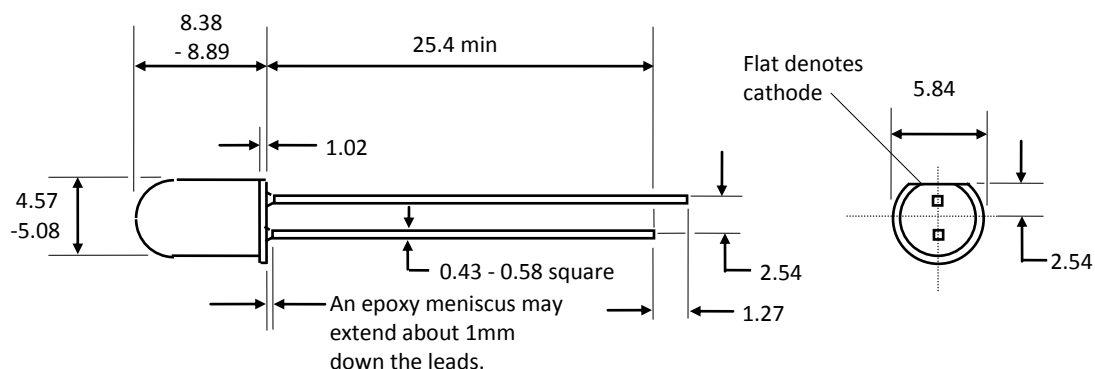


Part Number:

V5753

Type	Shape	Colour	Description
LED	Round	HE Red	T5 Round Through-hole LED



Dimensions in millimetres

<b>Colour</b>	HE Red
<b>Manufacturer</b>	Everlight
<b>Characteristics</b>	
Lens type	Diffuse
Luminous intensity (mcd @ 20mA) typ	15
min	3
Viewing angle(20½)°	65
<b>Absolute maximum ratings(T<sub>A</sub>=25°C)</b>	HE Red
Power dissipation(mW) @ 25°C	120
Derate linearly from 25°C (mW/°C)	1.6
Continuous forward current @ 25°C (mA)	35
Peak forward current(1us, 0.3%duty cycle) (A)	1.0
Storage and operating temperatures	-55°C - +100°C
Lead soldering time @ 260°C (sec)	5
Reverse Voltage	5.0
<b>Operating Characteristics(T<sub>A</sub>=25°C)</b>	
Forward Voltage (typ) (I <sub>F</sub> =20mA)	2.0
Peak wavelength(I <sub>F</sub> =20mA) (nm)	635
Spectral line half-width(I <sub>F</sub> =20mA) (nm)	45
Capacitance(typ)(V <sub>F</sub> =0V;f=1MHz) (pF)	45
Reverse current(max)(V <sub>R</sub> =5V) (µA)	100
<b>Packaging type</b>	Loose in bags
<b>Environmental</b>	RoHS & REACH SVHC compliant