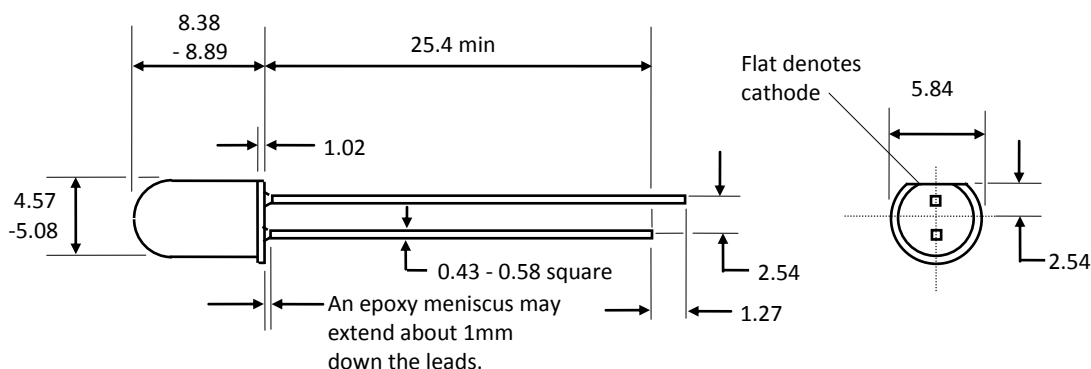


Part Number: **V5053**

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



Dimensions in millimetres

Colour	Std Red
Manufacturer	Fairchild
Characteristics	
Lens type	Diffuse
Luminous intensity(mcd @ 20mA) max	1.6
min	0.5
Viewing angle(20½)°	80
Absolute maximum ratings(T_A=25°C)	Standard Red
Power dissipation(mW) @ 25°C	180
Derate linearly from 25°C (mW/°C)	2.0
Continuous forward current @ 25°C (mA)	100
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
Operating Characteristics(T_A=25°C)	
Forward Voltage (typ) (I _F =20mA)	2.2
Peak wavelength(I _F =20mA) (nm)	660
Spectral line half-width(I _F =20mA) (nm)	20
Capacitance(typ)(V _F =0V;f=1MHz) (pF)	30
Reverse current(max)(V _R =5V) (µA)	100
Environmental	RoHS & REACH SVHC compliant