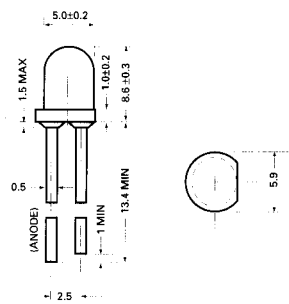


5MM (ROUND TYPE)(GAP)
LED LAMP

5MM (Round Type) (Gap)
LED Lamp

Test Condition

Vr = 5V
If = 20mA
If = 10mA (MCD)



Dimensions in mm

Maximum Ratings (Ta= 25 °C)

	Symbol	Value	Unit
Reverse Voltage	V_R	5	Volts
Reverse Current		10	μA ($V_R = 5V$)
Operating Temperation	T_{amb}	-40 to 85	°C
Storage Temperature	T_s	-40 to 100	°C

Electrical and Electronic Characteristic

		Wave Length	$\Delta \lambda$	Pd	If	Peak If	Vf (V)			Rec	Iv (mad)	
Part No.	Colour	$\lambda P(nm)$	(nm)	(mv)	(mA)	(mA)	Min.	Typ.	Max.	If (mA)	Min.	Typ.
ST5002DR	Red Diffused	697	90	45	15	50	1.7	2.1	2.8	5-10	0.4	1.1
ST5002DG	Green Diffused	565	30	100	30	160	1.7	2.1	2.8	10-20	0.7	2.5
ST5002DY	Yellow Diffused	585	35	85	20	160	1.7	2.0	2.8	10-20	0.7	2.5

