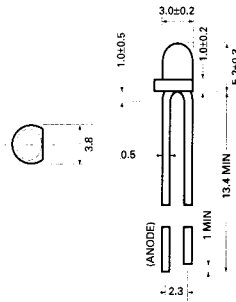


# 3MM (ROUND TYPE)(GAP) LED LAMP

**3MM (Round Type) (Gap)**  
LED Lamp

**Test Condition**

V<sub>r</sub> = 5V  
I<sub>f</sub> = 20mA  
I<sub>f</sub> = 10mA (MCD)



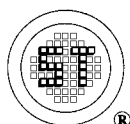
Dimensions in mm

**Maximum Ratings (T<sub>a</sub> = 25 °C)**

	Symbol	Value	Unit
Reverse Voltage	V <sub>R</sub>	5	Volts
Reverse Current		10	μA (V <sub>r</sub> = 5V)
Operating Temperature	T <sub>amb</sub>	-40 to 85	°C
Storage Temperature	T <sub>s</sub>	-40 to 100	°C

**Electrical and Electronic Characteristic**

Part No.	Colour	Wave Length λ P(nm)	Δ λ (nm)	Pd (mv)	I <sub>f</sub> (mA)	Peak I <sub>f</sub> (mA)	V <sub>f</sub> (V)			Rec I <sub>f</sub> (mA)	I <sub>v</sub> (mad)	
							Min.	Typ.	Max.		Min.	Typ.
ST4002DR	Red Diffused	697	90	45	15	50	1.7	2.1	2.8	5-10	0.5	1.0
ST4002DG	Green Diffused	565	30	100	30	160	1.7	2.1	2.8	10-20	0.7	3.5
ST4002DY	Yellow Diffused	585	35	100	20	160	1.7	2.0	2.8	10-20	0.5	2.5



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