

5MM (ROUND TYPE)(GAP) LED LAMP

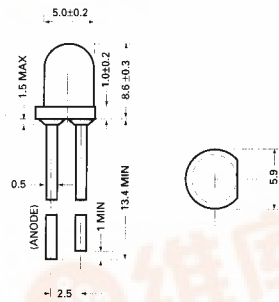
5MM (Round Type) (Gap)
LED Lamp

Test Condition

$V_r = 5V$

$I_f = 20mA$

$I_f = 10mA$ (MCD)



Dimensions in mm

Maximum Ratings ($T_a = 25^\circ C$)

	Symbol	Value	Unit
Reverse Voltage	V_R	5	Volts
Reverse Current		10	μA ($V_r = 5V$)
Operating Temperature	T_{amb}	-40 to 85	$^\circ C$
Storage Temperature	T_S	-40 to 100	$^\circ C$

Electrical and Electronic Characteristic

Part No.	Colour	Wave Length	$\Delta \lambda$	P_d	I_f	Peak I_f	V_f (V)			Rec	I_v (mad)	
		λ_P (nm)	(nm)	(mv)	(mA)	(mA)	Min.	Typ.	Max.	I_f (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