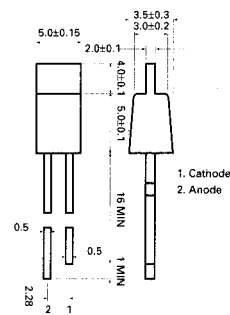


# 2x5MM(RECTANGULAR TYPE)(GAP) LED LAMP

2x5MM (Rectangular Type) (Gap)  
LED Lamp

Test Condition

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



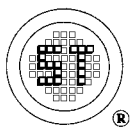
Dimensions in mm

Maximum Ratings (Ta = 25 °C)

	Symbol	Value	Unit
Reverse Voltage	VR	5	Volts
Reverse Current		10	μA (Vr = 5V)
Operating Temperation	Tamb	-40 to 85	°C
Storage Temperature	Ts	-40 to 100	°C

Electrical and Electronic Characteristic

Part No.	Colour	Wave Length	Δλ	Pd	If	Peak If	Vf (V)			Rec	Iv (mad)	
		λ P (nm)	(nm)	(mv)	(mA)	(mA)	Min.	Typ.	Max.	If (mA)	Min.	Typ.
ST2004DR	Red Diffused	700	90	45	10	35	1.7	2.1	2.8	5-10	0.4	1.4
ST2004DG	Green Diffused	565	30	45	10	35	1.7	2.1	2.8	10-20	0.8	1.8
ST2004DY	Yellow Diffused	585	35	45	10	35	1.7	2.0	2.8	10-20	0.7	1.8



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# 2x5MM (RECTANGULAR TYPE)(GAP) LED LAMP

## 2x5MM (Rectangular Type) (Gap)

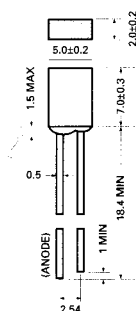
LED Lamp

### Test Condition

$V_r = 5V$

$I_f = 20mA$

$I_f = 10mA$  (MCD)



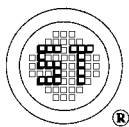
Dimensions in mm

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

	Symbol	Value	Unit
Reverse Voltage	$V_R$	5	Volts
Reverse Current		10	$\mu A$ ( $V_r = 5V$ )
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 $\lambda P(nm)$	$\Delta \lambda$ (nm)	$P_d$ (mv)	$I_f$ (mA)	Peak $I_f$ (mA)	$V_f$ (V)			Rec $I_f$ (mA)	$I_v$ (mad)	
							Min.	Typ.	Max.		Min.	Typ.
ST2002DR	Red Diffused	700	90	45	10	35	1.7	2.1	2.8	5-10	0.4	1.4
ST2002DG	Green Diffused	565	30	45	10	35	1.7	2.1	2.8	10-20	0.8	1.8
ST2002DY	Yellow Diffused	585	35	45	10	35	1.7	2.0	2.8	10-20	0.7	1.8



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