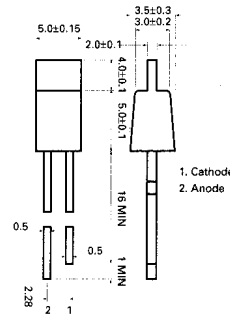


2x5MM(RECTANGULAR TYPE)(GAP) LED LAMP

2x5MM (Rectangular Type) (Gap)
LED Lamp

Test Condition

V_r = 5V
I_f = 20mA
I_f = 10mA (MCD)



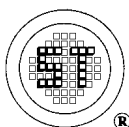
Dimensions in mm

Maximum Ratings (T_a = 25 °C)

	Symbol	Value	Unit
Reverse Voltage	V _R	5	Volts
Reverse Current		10	μA (V _r = 5V)
Operating Temperature	T _{amb}	-40 to 85	°C
Storage Temperature	T _S	-40 to 100	°C

Electrical and Electronic Characteristic

Part No.	Colour	Wave Length λ P(nm)	Δ λ (nm)	Pd (mv)	I _f (mA)	Peak I _f (mA)	V _f (V)			Rec I _f (mA)	I _v (mad)	
							Min.	Typ.	Max.		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)

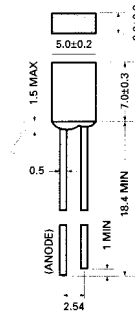
LED Lamp

Test Condition

$V_r = 5V$

$I_f = 20mA$

$I_f = 10mA$ (MCD)



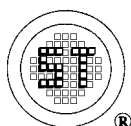
Dimensions in mm

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

	Symbol	Value	Unit
Reverse Voltage	V_R	5	Volts
Reverse Current		10	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 λ_p (nm)	$\Delta \lambda$ (nm)	P_d (mW)	I_f (mA)	Peak I_f (mA)	V_f (V)			Rec I_f (mA)	I_v (mcd)	
							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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