

1x5MM(RECTANGULAR TYPE)(GAP) LED LAMP

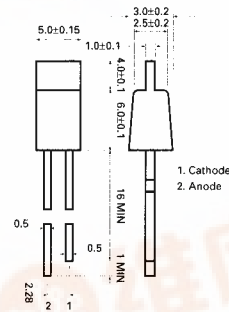
1x5MM (Rectangular Type) (Gap)
LED Lamp

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 85	$^\circ C$

Electrical and Electronic Characteristic

		Wave Length	$\Delta \lambda$	P_d	I_f	Peak I_f	V_f (V)			Rec	I_v (mad)	
Part No.	Colour	λ_P (nm)	(nm)	(mv)	(mA)	(mA)	Min.	Typ.	Max.	I_f (mA)	Min.	Typ.
ST1002DR	Red Diffused	700	90	45	10	35	1.7	2.1	2.8	5-10	0.4	1.0
ST1002DG	Green Diffused	565	30	45	10	35	1.7	2.1	2.8	10-20	0.8	1.0
ST1002DY	Yellow Diffused	585	35	45	10	35	1.7	2.0	2.8	10-20	0.7	1.0