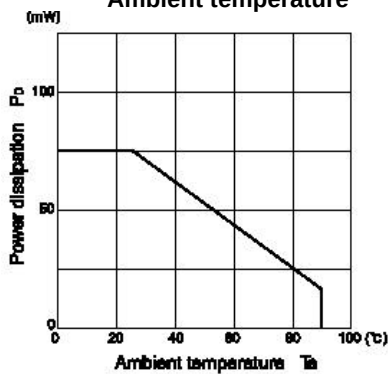


Parameter			Symbol	Conditions	MIN.	TYP.	MAX.	Unit
Input	Forward Voltage		V_F	$I_F=20\text{mA}$	-	1.25	1.5	V
	Reverse Current		I_R	$V_R=5\text{V}$	-	-	10	μA
	Capacitance		C_D	$V=0, f=1\text{KHz}$	-	25	-	pF
	Peak Wavelength		λ_P	$I_F=20\text{mA}$	-	940	-	nm
Output	Dark Current		I_{CEO}	$V_{CE}=10\text{V}, E_V=0\text{LX}$	-	1.0	100	nA
Coupled	Collector Current		I_C	$V_{CE}=5\text{V}, I_F=20\text{mA}$ (Non-shading)	0.25	-	2.5	mA
	Leakage Current		I_{CEOD}	$V_{CE}=5\text{V}, I_F=10\text{mA}$ (shading)	-	0.5	10	μA
	Collector Emitter Saturation Voltage		$V_{CE(SAT)}$	$I_F=10\text{mA}, I_C=0.3\text{mA}$	-	0.15	0.4	V
	Response Time	Rise Time	t_r	$V_{CC}=5\text{V}, I_C=0.1\text{mA},$ $R_L=1\text{k}\Omega$	-	20	-	μs
		Fall Time	t_f		-	20	-	μs

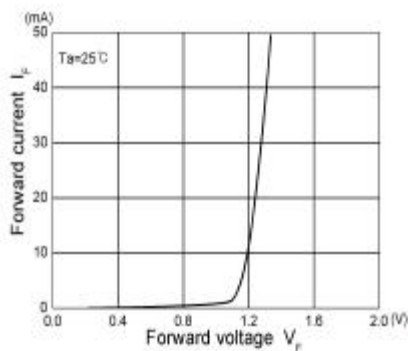
Photointerrupter(Transmissive)

KSG-262

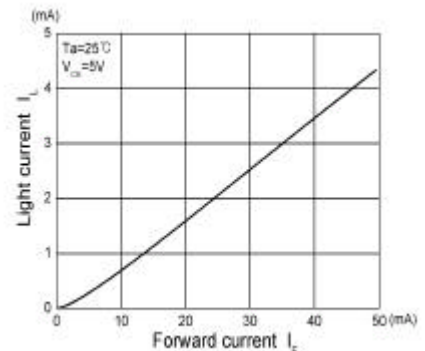
Power dissipation Vs. Ambient temperature



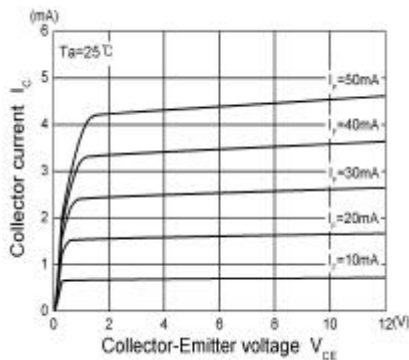
Forward current Vs. Forward voltage



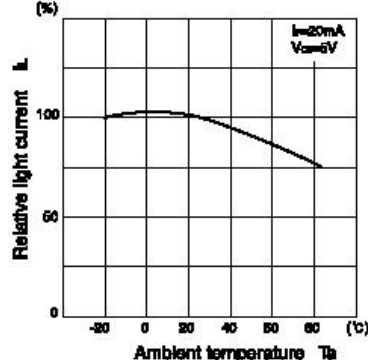
Light current Vs. Forward current



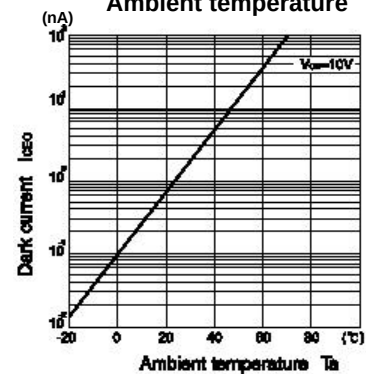
Light current Vs. Collector-Emitter voltage



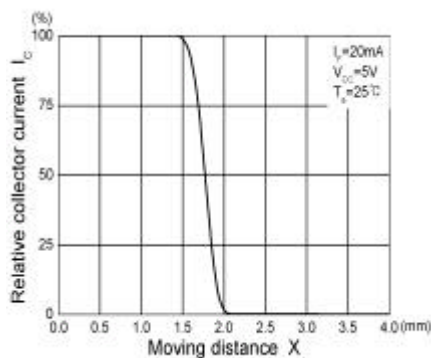
Relative light current Vs. Ambient temperature



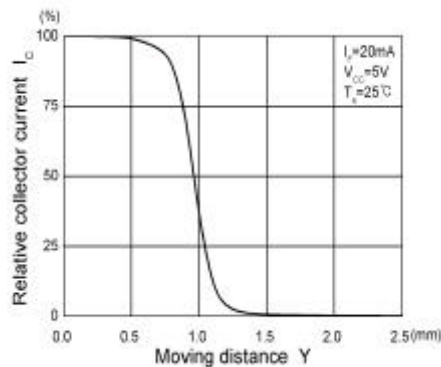
Dark current Vs. Ambient temperature



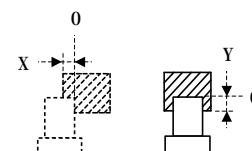
Relative light current Vs. Moving distance



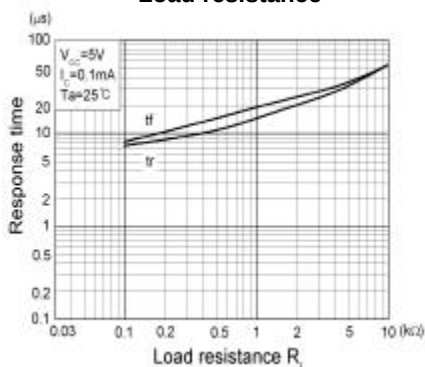
Relative light current Vs. Moving distance



Method of measuring position detection characteristic



Switching time Vs. Load resistance



Switching time measurement circuit

