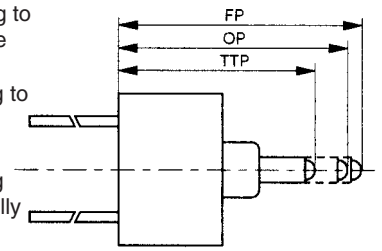
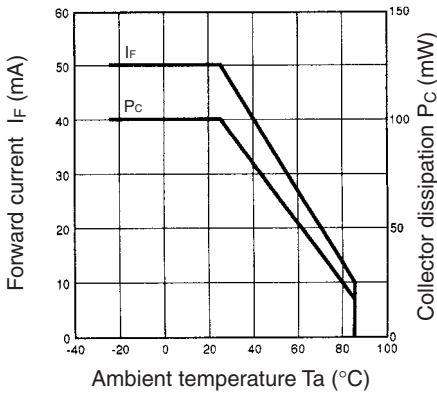


- Note:** 1. Free position (FP): The distance between the bottom of the housing to the top of the actuator without any external force imposed on the actuator.
- Operating position (OP): The distance between the bottom of the housing to the top of the actuator when the actuator is pressed and the I_L becomes I_{LEAK} or less.
- Total travel position (TTP): The distance between the bottom of the housing to the top of the actuator when the actuator is fully pressed.
2. Operating force: The force required to press the actuator from its FP to OP.

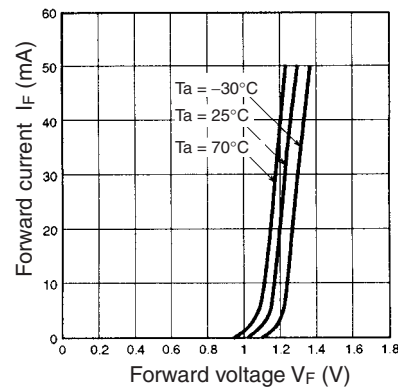


Engineering Data

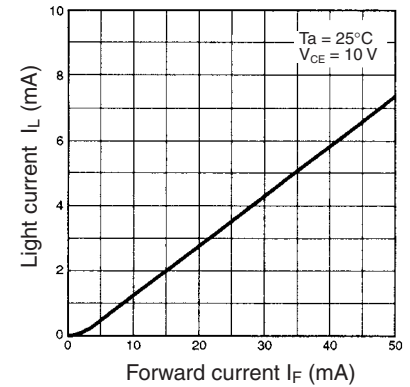
Forward Current vs. Collector Dissipation Temperature Rating



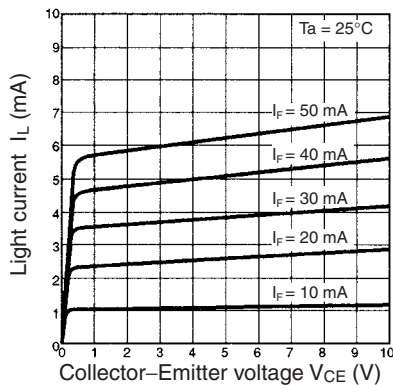
Forward Current vs. Forward Voltage Characteristics (Typical)



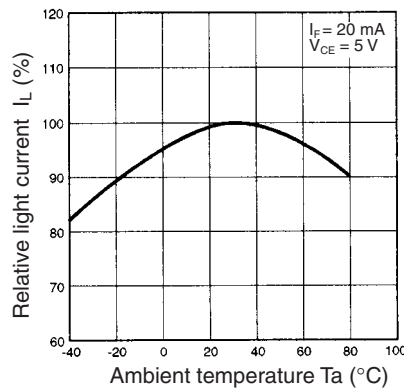
Light Current vs. Forward Current Characteristics (Typical)



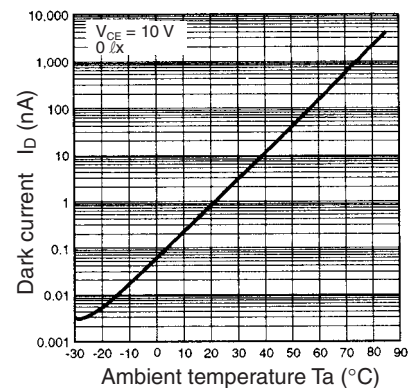
Light Current vs. Collector-Emitter Voltage Characteristics (Typical)



Relative Light Current vs. Ambient Temperature Characteristics (Typical)



Dark Current vs. Ambient Temperature Characteristics (Typical)



Sensing Position Characteristics (Typical)

