Features: Compact moisture resistant package
Lowest "on" resistance
Low distortion
Ideal for Hi-Fi stereo applications

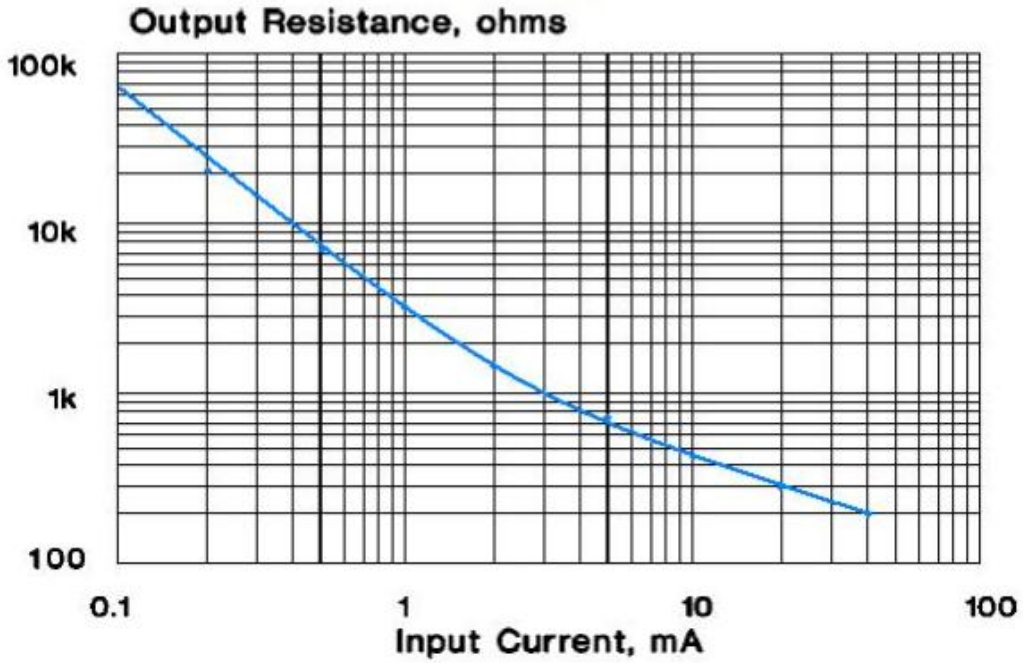
Storage Temperature: -30 to+80℃
Operating Temperature: -30 to+80℃
Soldering Temperature: 260℃ <10s
Isolation Voltage(peak): 2000V

- Linear Output Type Light Sensor
- RoHS Compliant / Pb-free / Cd-free

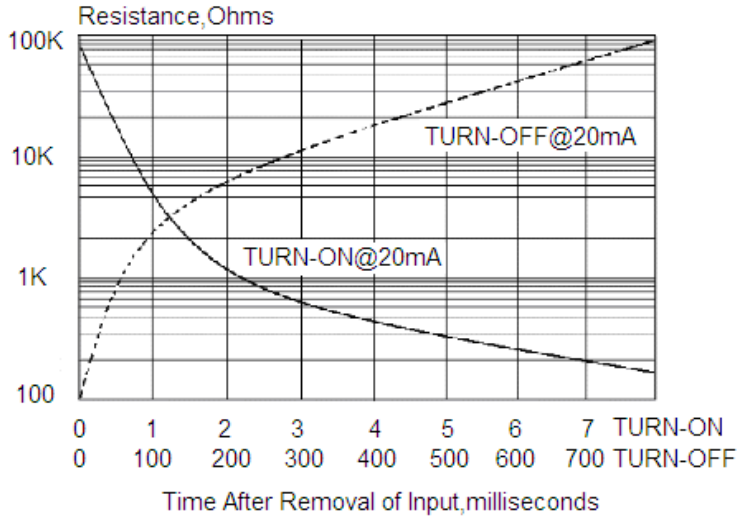
Symbol	Parameter	Min	Typ	Max	Units	TestConditions
LED						
IF	Forward Current			40	mA	(Derate Linearly to 0 at 75℃)
VF	Forward Voltage			2.5	V	IF = 16 mA
IR	Reverse Current			100	μA	VR=3.8V
Cell						
VC	Maximum Cell Voltage			60	V	(Peak AC or DC)
PD	Power Dissipation			50	mW	(Derate Linearly to 0 at 75℃)
Coupled						
RON	On Resistance		10		KΩ	IF = 0.5mA**
ROFF	Off Resistance		2.0		MΩ	10sec after I=0.3Vdc on cell
TR	Rise Time			3.5	msec	Time to 63% of final conductance @ IF = 16 mA ***
TF	Decay Time			500	msec	Time to 100KΩ after removal of input @ IF = 16 mA
	Cell Temp Coefficient		1.0		%℃	IF >5 mA

* 2mm from case for < 5 sec
* * measured after a dark history of 1 week
* * * Rise time is the time for the dark change in conductance to reach 63% of its final value

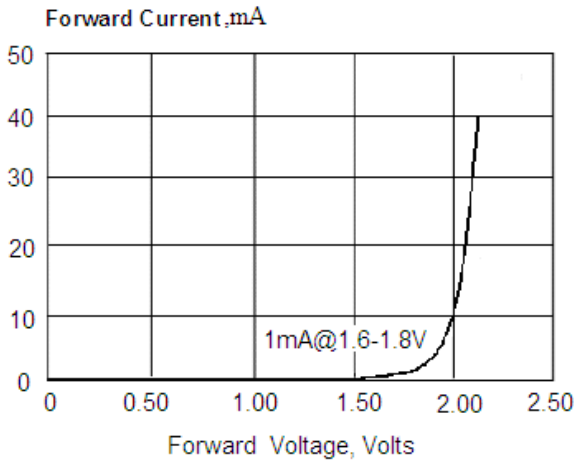
Output Resistance vs. Forward Current



Rise/Fall Time vs. Load Resistance



LED Forward Current vs. Forward Voltage



Dimensional Outline and Connection(Unit:mm)