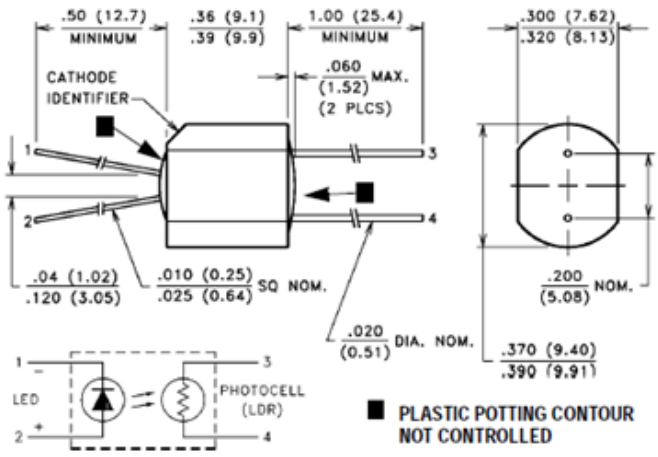
Dimensional Outline and Pin Connection inch(mm)



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

Output Resistance vs. Forward Current

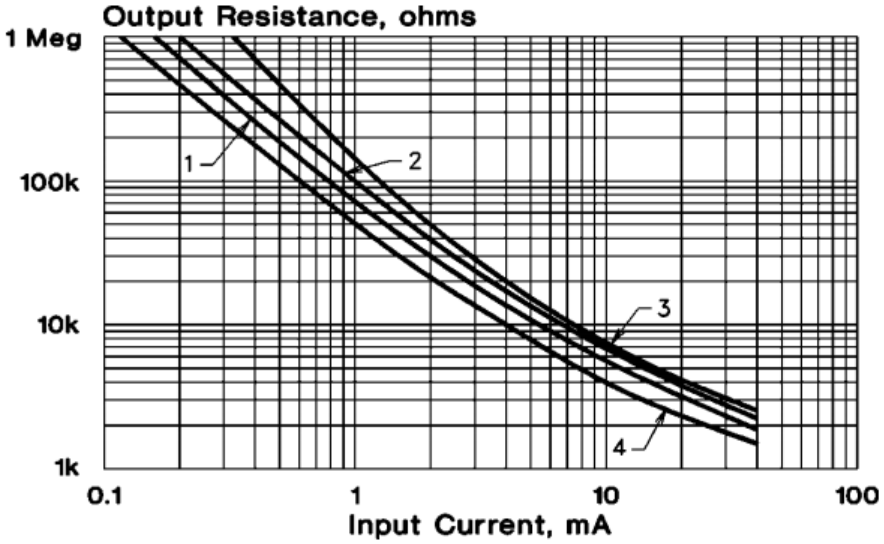
Symbol	Parameter	Min	Typ	Max	Units	Test Conditions
LED						
IF	Forward Current			40	mA	(Derate Linearly to 0 at 75°C)
VF	Forward Voltage			2.0	V	IF = 16 mA
IR	Reverse Current			100	μA	VR=3.8V
Cell						
VC	Maximum Cell Voltage			60	V	(Peak AC or DC)
PD	Power Dissipation			50	mW	(Derate Linearly to 0 at 75°C)
Coupled						
RON	On Resistance					
		40		80	KΩ	IF = 0.5 mA**
				6.0	KΩ	IF = 5 mA**
ROFF	Off Resistance		400		KΩ	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		50		msec	Time to 1MΩ after removal of input @ IF = 16 mA
	Cell Temp Coefficient		1.0		%°C	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

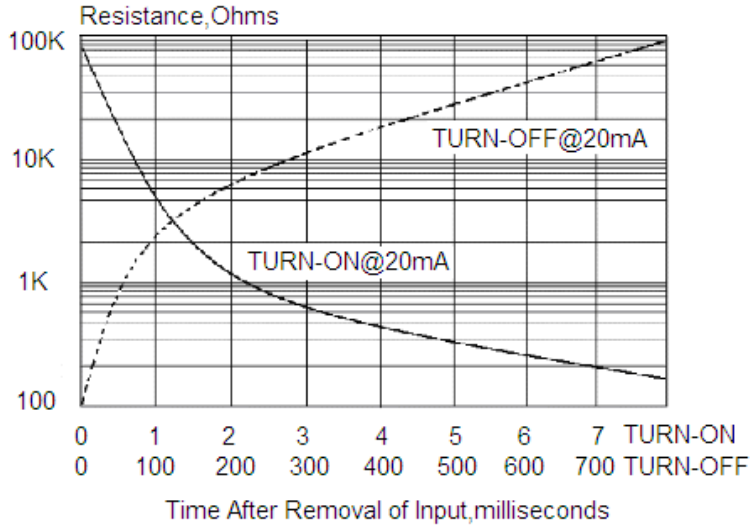
Output Resistance vs. Forward Current



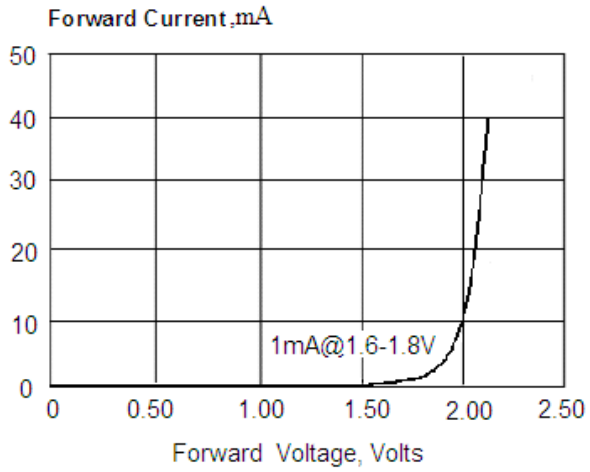
Output resistance vs input current transfer curves are given for the following light adapt conditions:

(1) 25°C — 24 hours @ no input
(2) 25°C — 24 hours @ 40 mA input
(3) +50°C — 24 hours @ 40 mA input
(4) –20°C — 24 hours @ 40 mA input

Rise/Fall Time vs. Load Resistance



LED Forward Current vs. Forward Voltage





规格书各项参数仅供使用参考

用户标准以样品为准