



**Description**

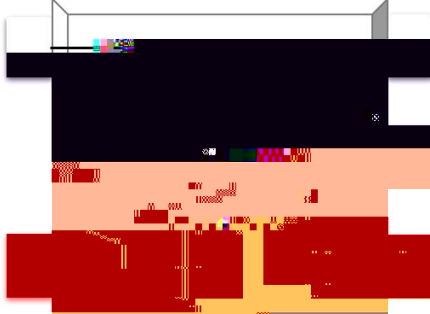
JOC

JOC

**Features**

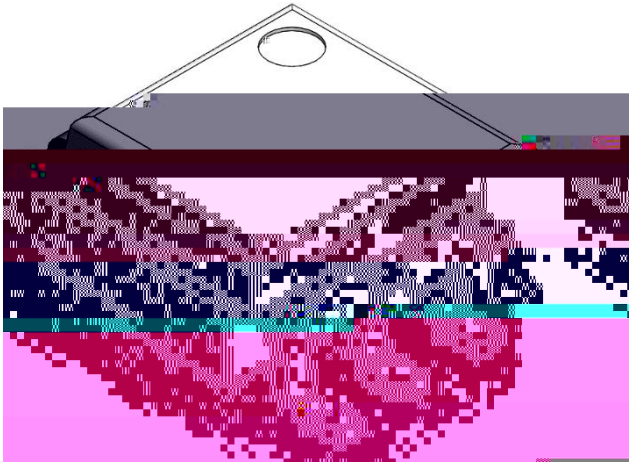
**Applications**

**SCHEMATIC**



**PIN DEFINITION**

<b>1.Anode</b>	<b>5.VCC</b>
	<b>4.VO</b>
<b>2.Cathode</b>	<b>3.GND</b>







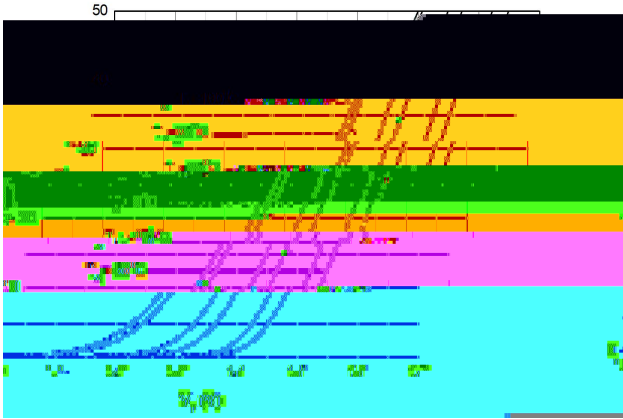


**ELECTRICAL OPTICAL CHARACTERISTICS**

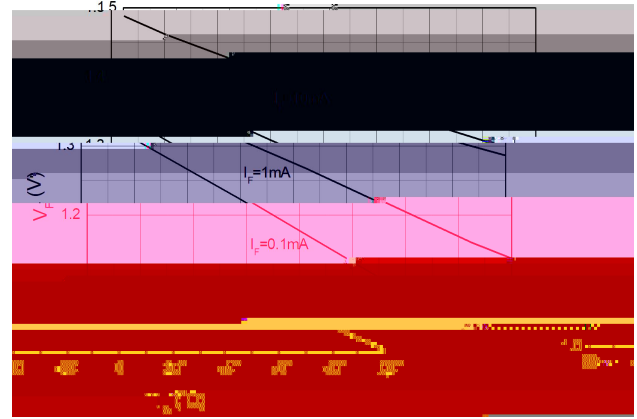
ELECTRICAL OPTICAL CHARACTERISTICS							

**CHARACTERISTIC CURVES**

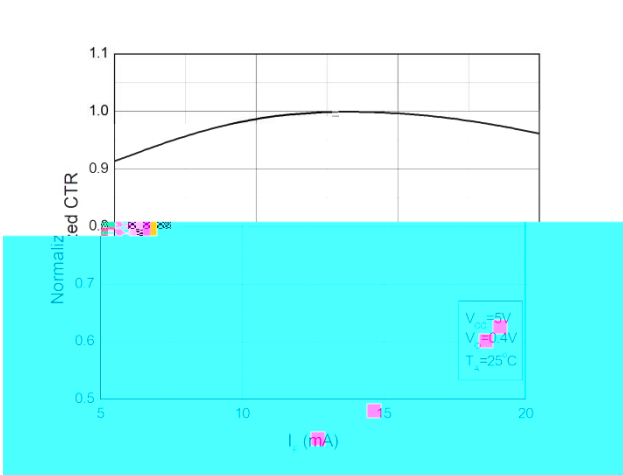
**Fig.1 Forward Current vs. Forward Voltage**



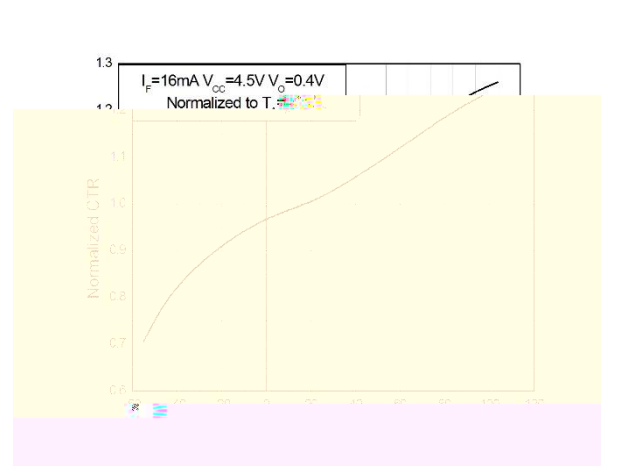
**Fig.2 Forward Voltage vs. Ambient Temperature**



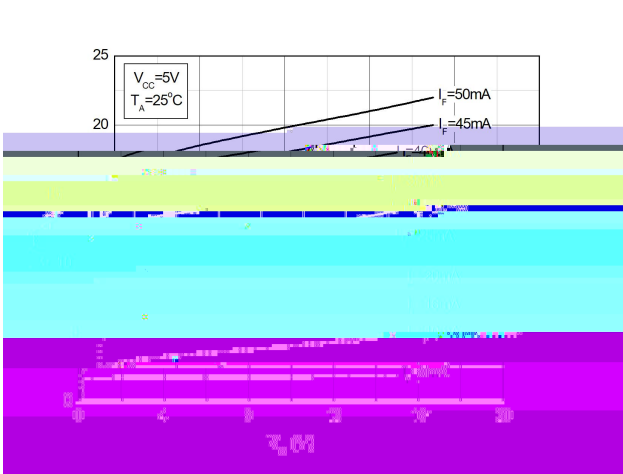
**Fig.3 Input Threshold Current vs. Ambient Temperature**



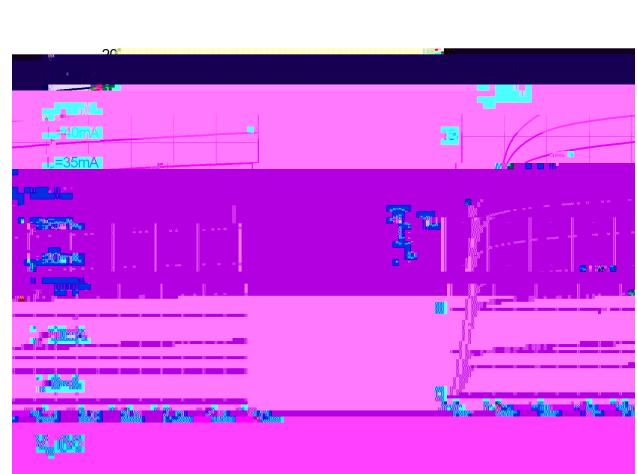
**Fig.4 Input Threshold Current vs. Ambient Temperature**



**Fig.5 Low Level Output Current vs. Ambient Temperature**



**Fig.6 Low Level Output Current vs. Ambient Temperature**

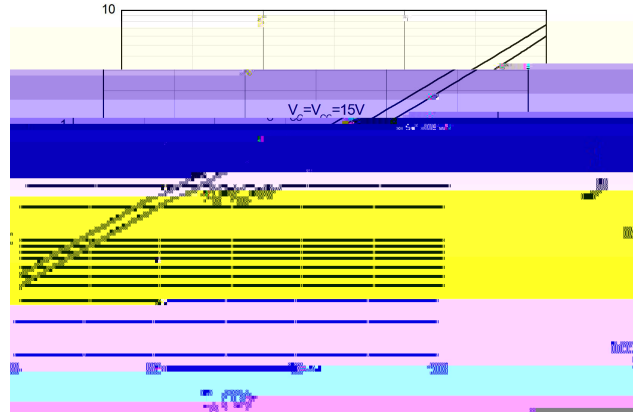


**CHARACTERISTIC CURVES**

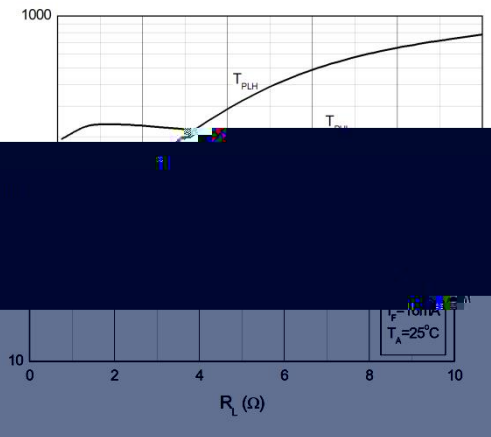
**Fig.7 Low Level Output Voltage vs. Ambient Temperature**



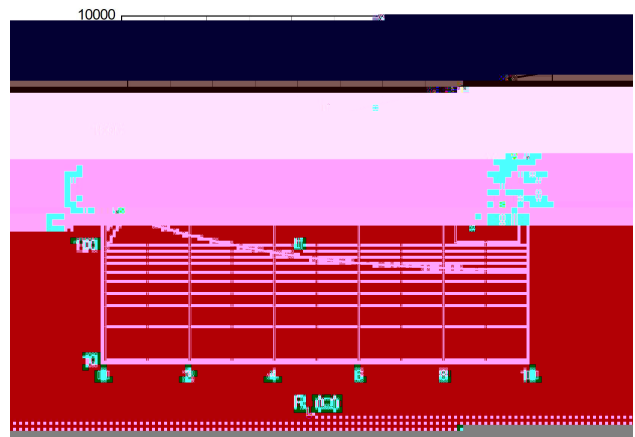
**Fig.8 Low Level Output Voltage vs. Ambient Temperature**



**Fig.9 High Level Output Current vs. Ambient Temperature**



**Fig.10 High Level Output Current vs. Ambient Temperature**



**Fig.11 Output Voltage vs. Forward Current**



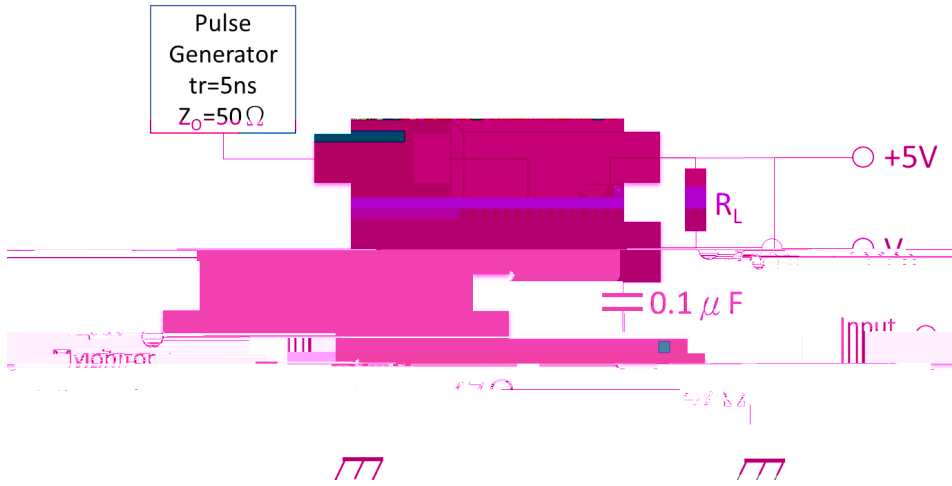
**Fig.12 Output Voltage vs. Forward Current**



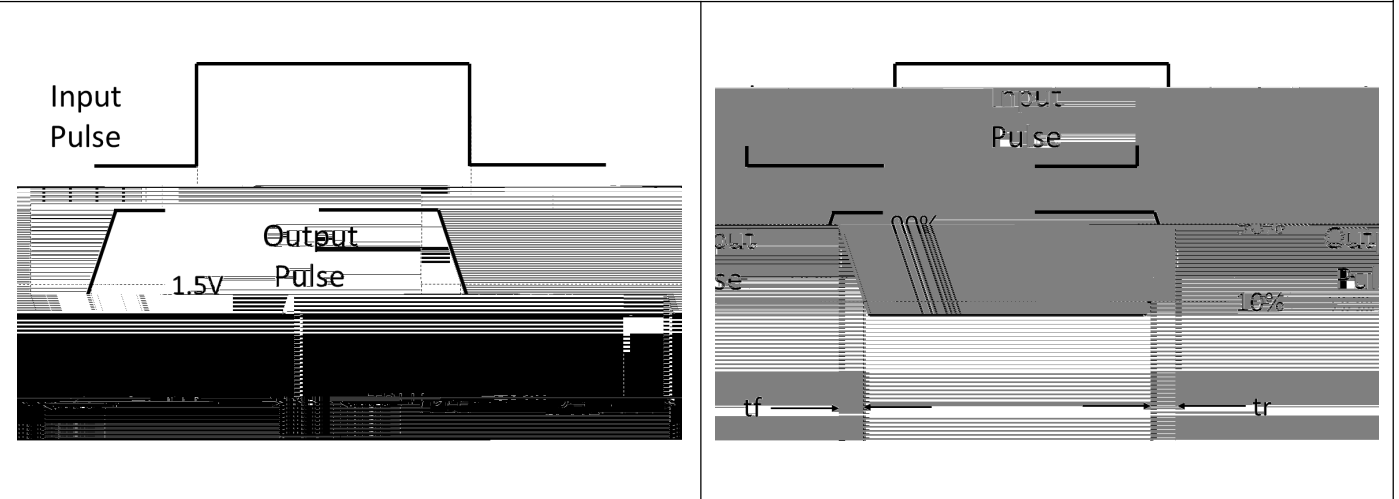


**TEST CIRCUITS**

**Fig.13 Test Circuits for TPHL, TPLH, tr, tf**

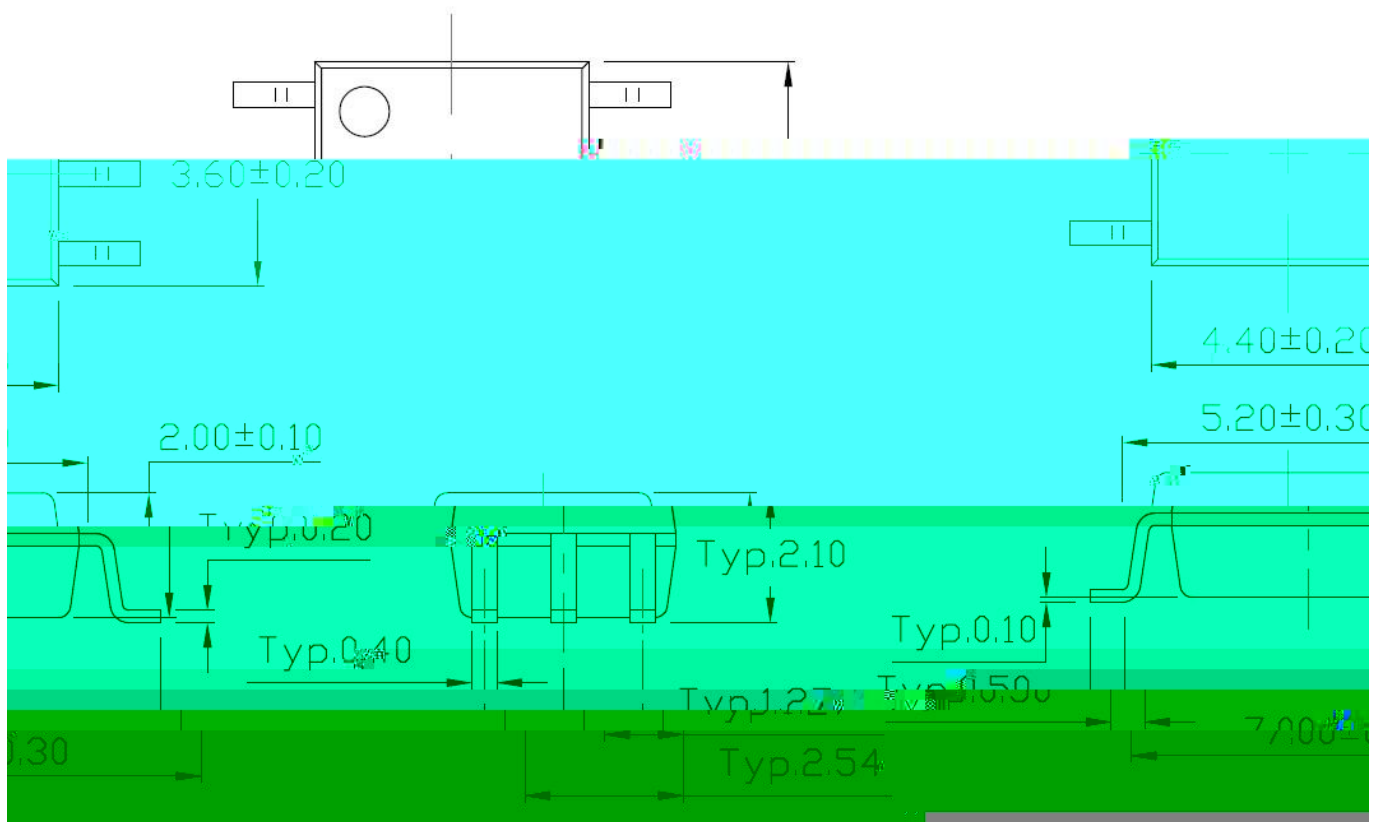


**Fig.14 Waveforms of TPHL, TPLH, tr, tf**

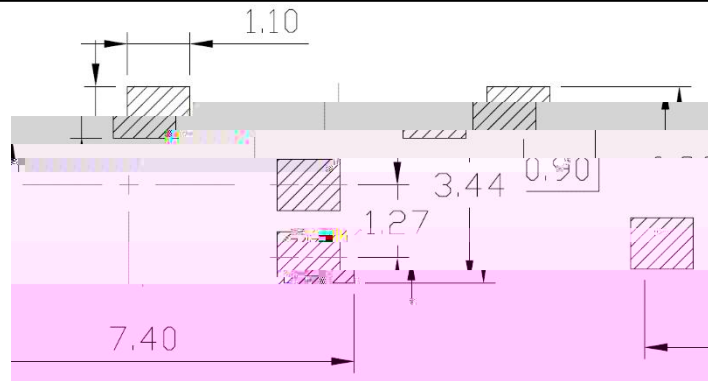




**PACKAGE DIMENSIONS** Dimensions in mm unless otherwise stated)



**Recommended Solder Mask** Dimensions in mm unless otherwise stated)





**ORDERING AND MARKING INFORMATION**

**MARKING INFORMATION**

JOC : Company Abbr.  
501 : Part Number  
V :

**ORDERING INFORMATION**

**JOC501(Z)-GV**



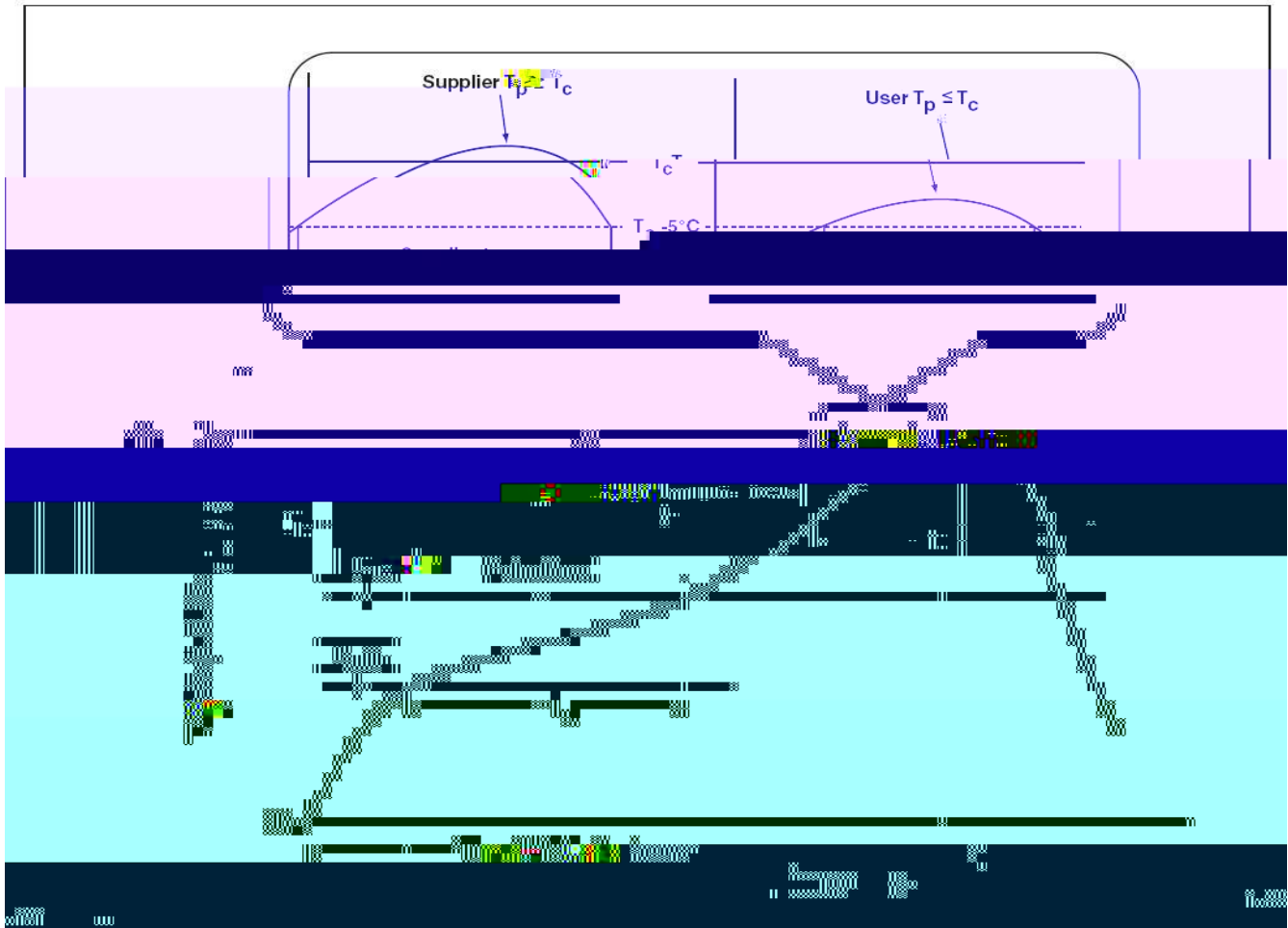
**PACKING QUANTITY**

Option

1000

## REFLOW INFORMATION

### REFLOW PROFILE



Profile Feature

Sn-Pb Assembly Profile

Pb-Free Assembly Profile

**DISCLAIMER**

● JIEJIE

JIEJIE

●

● JIEJIE

JIEJIE