



JOCMA57D-SVS4

Rev.A.1.0

DESCRIPTION:

HOY d f c Xi WPg Mf Y (?! d]mg B-HOP] XWVQ]fWY] g MQY f m
g a M` ` c i P`]YbX bX d]Oc Pc f Y` Mmgi] PMN` Y Z c f g i f Z MWY! a c i k
Mg g Ya N` mBHPWc b g] g Pg c Z Mb] b Z f Mf Y X I9 Gc d P] WM` mWc i d`
d Oc Pc! ACG: 9 H Mb X] g!Oc G G B X d]MM]GM[Y BHPZ Y MPI f Y g
` c Rc i Pd i PWMd MW] PMbPOY ğ ZOMg:Pž MbCZ Z Mg R] PWO] b [c Z
O] [O! Z f Y e i Y b Wm g X Y MMZ ž á M]R] BWO] B] Md d`] WMP] c
] b O] [O! g d Y Y X PY g PY g MfBY QY X I Y` cxi gVWX] b Mi Pc a MP]
PY g PY e i] da Y b Pž O] [OY g BYfYgž` O] []OMgH Y Y X a Y a c f m
PY g PY f g Mb X a Y Mg i f] b [] b g Pf i a Y b Pg B

MAIN FEATURES

- Hg c` MP] c bDSc` JPM]a Yg
Cd Y f MP] b [PYafdM]bf[MPI! f(\$ š FPc %%\$ š F
F 9 5 F< / F c < G Wc a d`] Mb WY
< 6 A. <' 5 / A A. A (/ FGA. F'
FE FMd d f c QY X
J G9 Md d f c QY X
I IMd d f c QY X

ABSOLUTE MAXIMUM RATINGS fl HY a d Y f MPI f Y 1 & Dš FŁ

Characteristics Curves

FIG.1: Max. Allowable LED Forward Current vs. Ambient Temperature

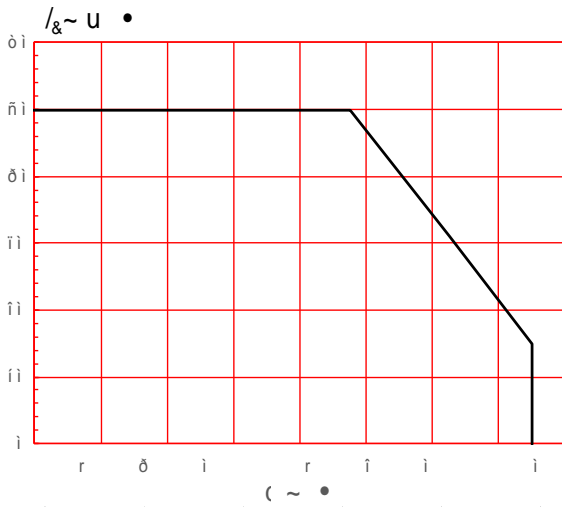


FIG.2: On-state Current vs. Ambient Temperature

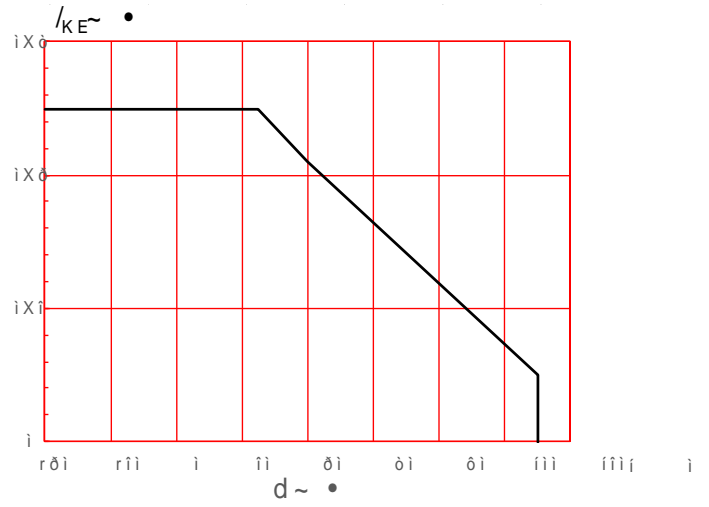


FIG.3: LED Forward Current vs. LED Dropout Voltage

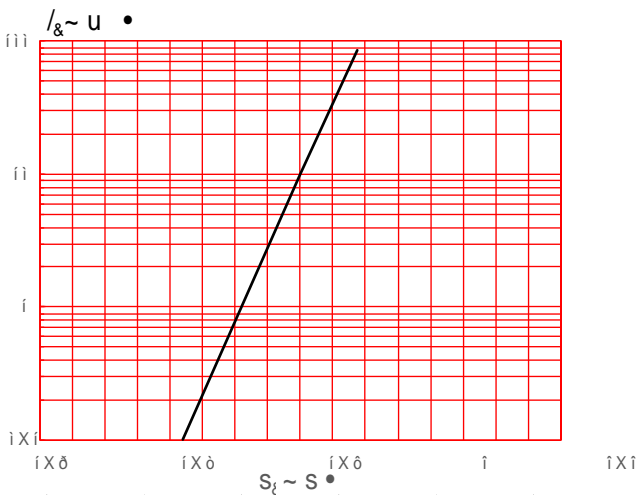


FIG.4: On-state Current vs. On-state Voltage

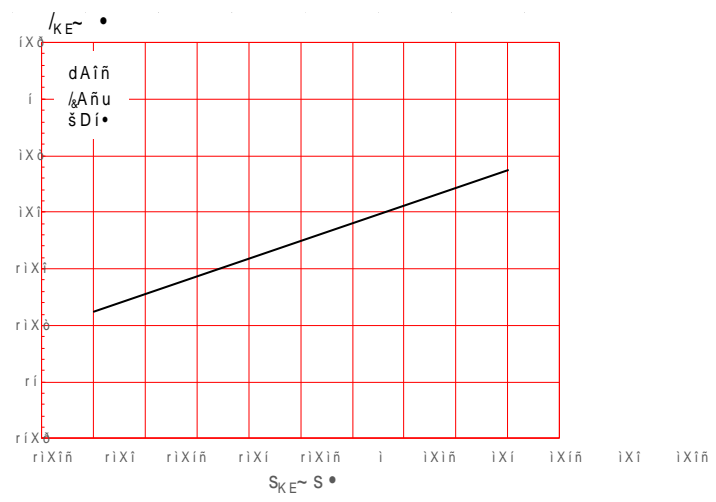


FIG.5: On Resistance vs Ambient Temperature

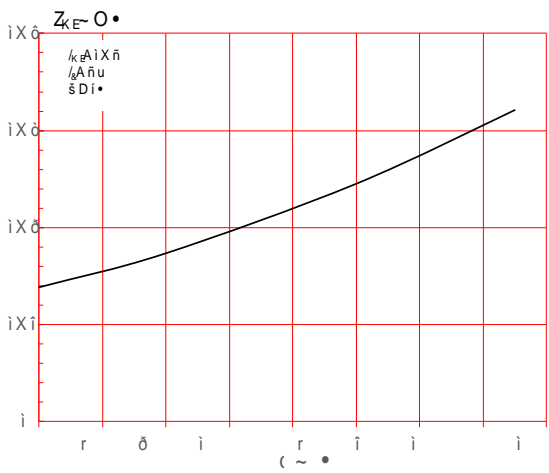


FIG.6: Trigger LED Current vs. Ambient Temperature

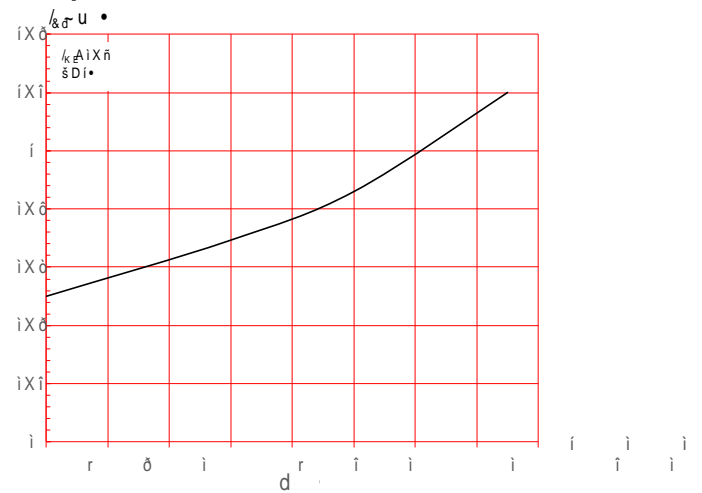


FIG.7: T_{ON}, T_{OFF} vs. LED Forward Current

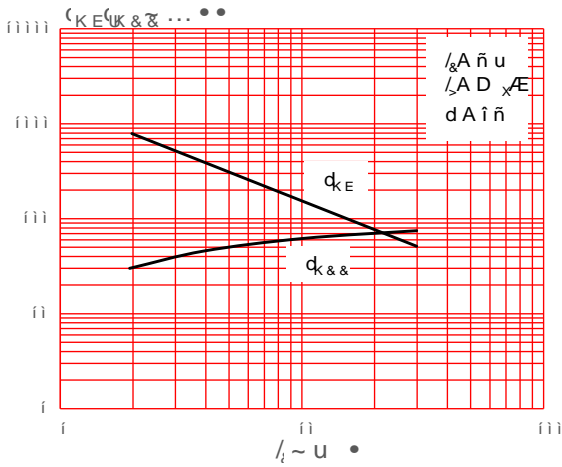


FIG.8: T_{ON}, T_{OFF} vs. Ambient Temperature

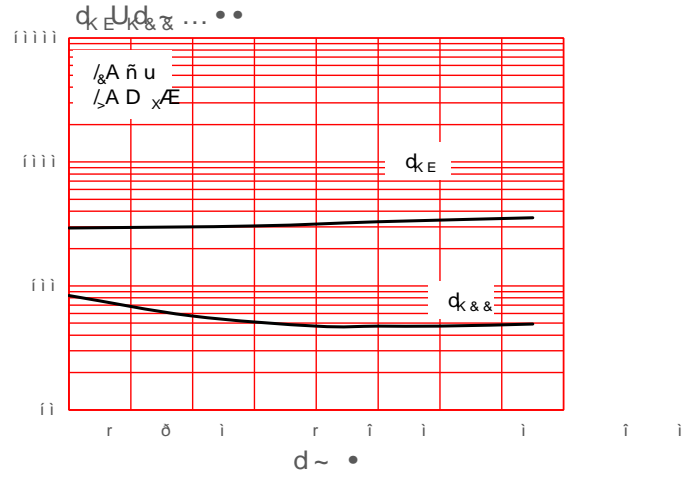


FIG.9: Off-state Current vs. Off-state Voltage

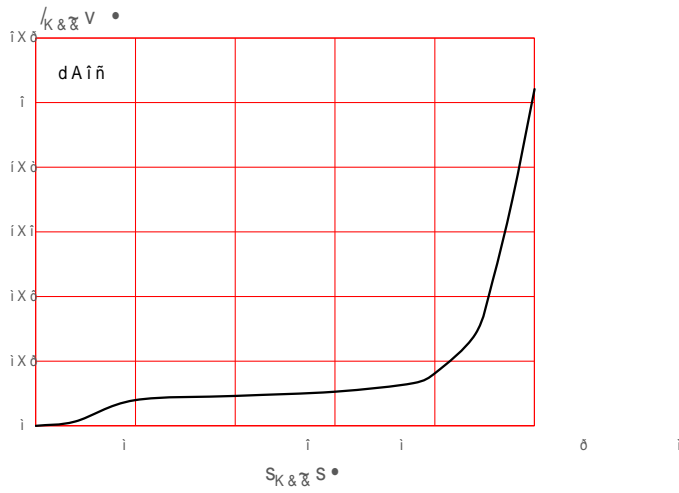


FIG.10: Off-state Current vs. Ambient Temperature

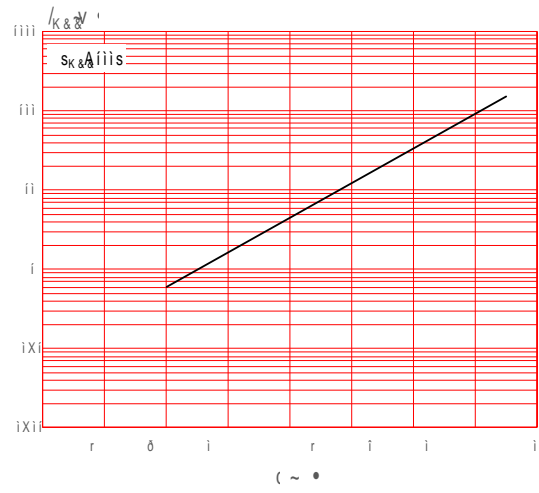
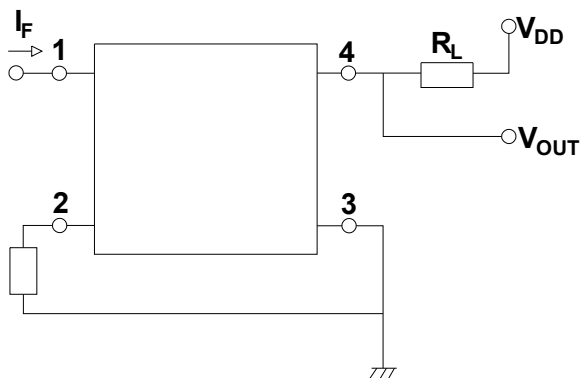
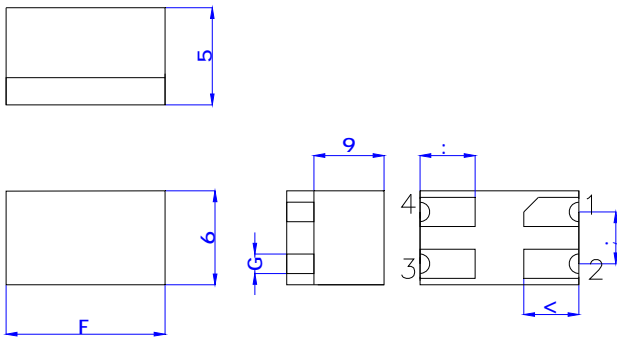


Fig.11: Switching Time Test Circuit and Waveform



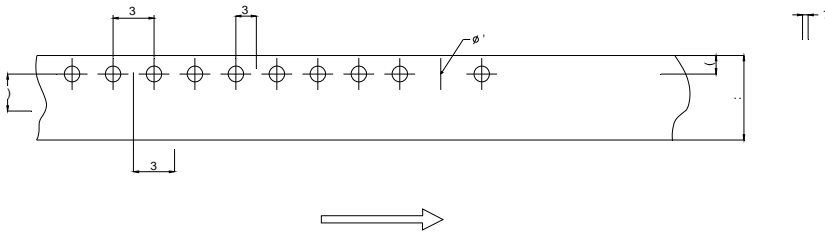
Package Dimension (Unit: mm)



F Y Z B	G] a Y b g] c b g						
	A] b B H md			B A M] b B H md			Hb WOY g
	A] b	B H md	B A M]	b B H md	B A M]	B	
5	%B' \$		%B+ \$ \$ B\$ D%			\$ B\$ * +	
6	%B* D		& B\$ D \$ B\$ * D			\$ B\$, %	
F	& B\$ D		& B(D \$ B\$, %			\$ B\$ E*	
G	\$ B% \$		\$ BD\$ \$ B\$ \$ (\$ B\$ & \$	
9	\$ B, ,		%B& , \$ B\$ ' D			\$ B\$ D\$	
:	\$ B+ + D		%B%+ D \$ B\$ ' %			\$ B\$ (*	
;	\$ B* \$		%B\$ \$ \$ B\$ & (\$ B\$ ' E	
<	\$ BD+ D		\$ BE+ D\$ B\$ & '			\$ B\$ ' ,	

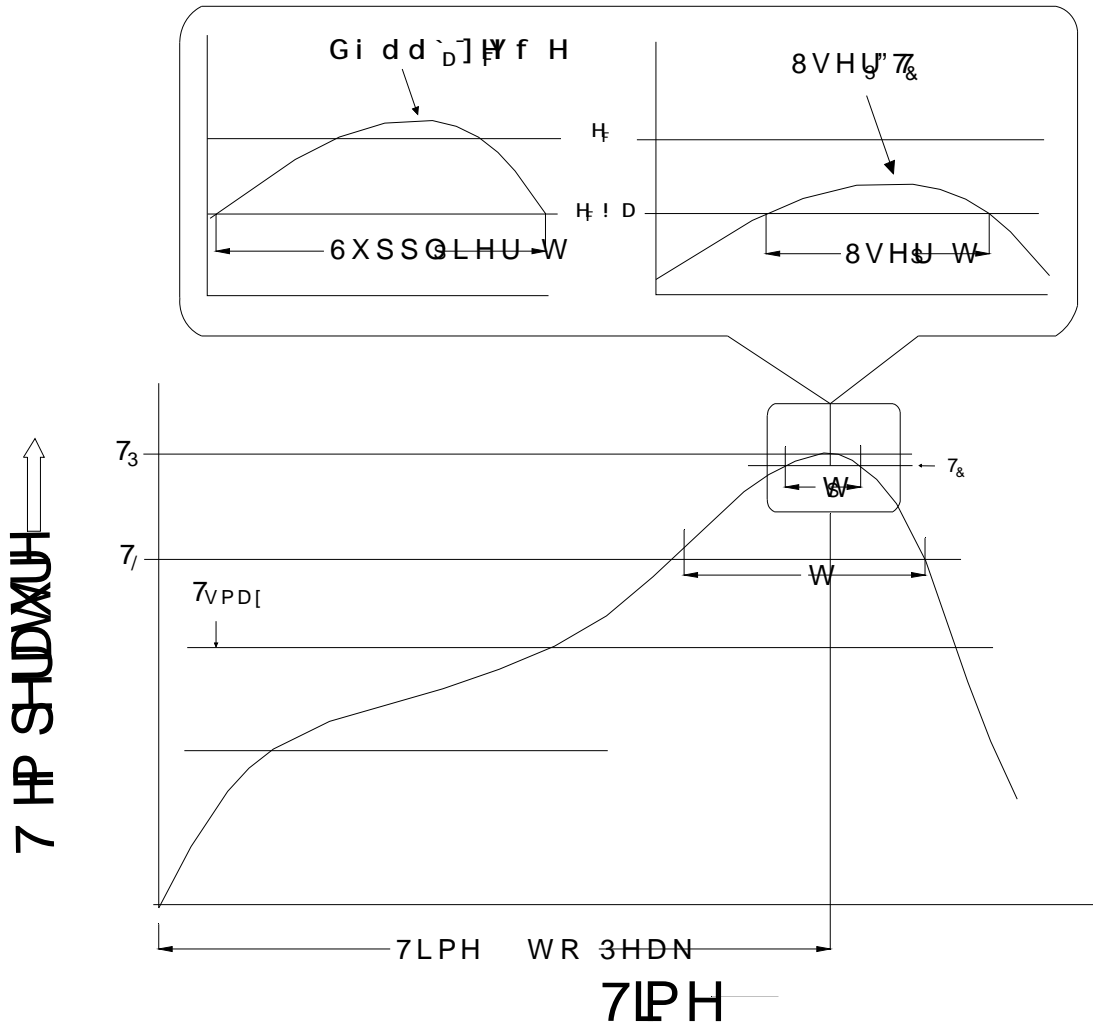


CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



5HI	'LPHQVLRQV					
	0LOOLPHWHUV					
	0LQ	7\ S	0D[0LQ	7\ S	0D[
.						
3						
3						
(
)						
7						
:						

REFLOW INFORMATION



1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG/ DWKRVZQH QVHPSHWDWVXDGWVW
\$YRLG GLUHFV FRQVWDHFRPHFRZDQWVXUDFRUV H[FHHGLQJ LWV PD
VWRUDJH WHPSHUDWXUH

\$SSOLFDFWLRQ RKHSHURVXEHFRQVLSOHGDDWHG WHPSHUDWXUHV ,QV
VFHQDULRV DQHPSVWLQGRWRHFFHHG 1

(QVXUH WKH FRPSRQHQW KDV FRROHG SURFHPEHQKODQZLHPSWHDXHQL
PDQXIDFWXULQJ VWHSV

7KH FRPSRQHQW HQRV BQVHHDLOZKHQVWDQGHGGRFRQGLWLRQV

5HFRPPHQG VWRUDJH 7HPS a f&

5HFRPPHQG VWRUDJH KXPLGLW\

06/ OHYHO 06/

,QIRUPDWLRQ IXUQXPHQW ILQVWKOLHGRHFG WR EH DFFXUDWH D
-LDQJVX -LH-LH 0LRRHOWHFWDQVROLFFVQLRVUHRUSRQVLEFRQVHT
RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG MWFKQIQIRUPDWLRQ
LQ WKLV GRFXPHQW LQJYXZLWHFRVWRQRWLFH DSDUW IURP V
VLJQH G -LDQJVX 0LHVLZLFRKPKH DJUHHPHQW
3URGXFWV DQG LQIRUPDWLRQ SURYLGHG LQ HQWVVRG RFDXPH
-LDQJVX -LH-LH DVVXPHLOQR\URVSRQVLQIUHQJHPPHQW RI RW
ZKLFK PD\ UHVXOW IURP WKH XVH RI VXLK SURFXPHQW DQGS HL
DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG

