



JOCMA57D-SVS4

Rev.A.1.0

DESCRIPTION:

7KH SURGXFVW DUHODSVQ 7KSWG FDFU LV D YHU\
VPDOO RXWODCHH Q SC RWRUHOD\ VXLWDEOH IRU VXUIDFH PF
DVVHPEO\ ,W FRQVLVWV RI DQ LQIUDUHG /(' RSWLFDQO\ FR
SKRWR 026)(7 DQG LV KRZVHSDEQDJH ,W IHDWXUHV
ORZ RXWSXW FDSDFLWDEQFHID&M)RQRDI VZLWFKLQJ RI
KLJK IUHTXHQF\ VLJQHDOO PDUNVZLWFKLQJ DSSOLFDFWLR
LQ KLJK VSHHG WHVWHWUHW7ZIHGSHORGXWHG LQ DXWRPDWL
WHVW HTXLSPHQW KLWVWSHHHG KRJKFV,SHHG PHPRU\
WHVWHUV DQG PHDVXULQJ LQVWUXPHQVV

MAIN FEATURES

- ,VRODWLRQ YRDMDJH
2SHUDWLQJ WHPSOHJHWXU& WR f&
5(\$&+ 5R+6 FRPSOLDQFH
+%0 + \$ 00 0 &'0 &
&4& DSSURYHG
9'(DSSURYHG
8/ DSSURYHG

ABSOLUTE MAXIMUM RATINGS SP7HP SHUDWXUH f&

Characteristics Curves

FIG.1: 0D[\$OORZDEOH /(')RUZDUG \$PELHQW 7HPSHUDWXUH

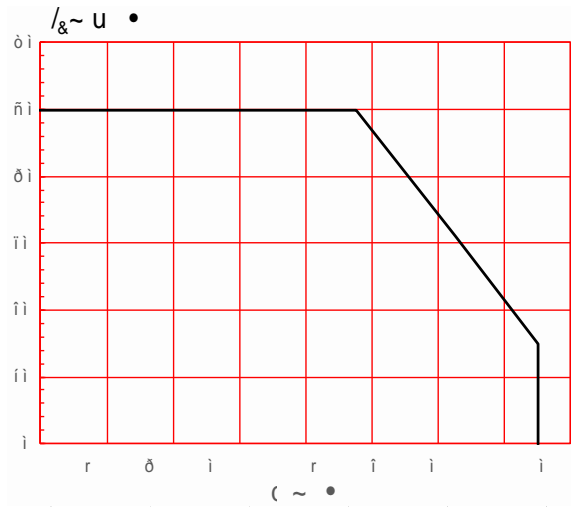


FIG.2: 2QVWYDWH & XUUHQW YV \$PELHQW 7HPSHUDWXUH

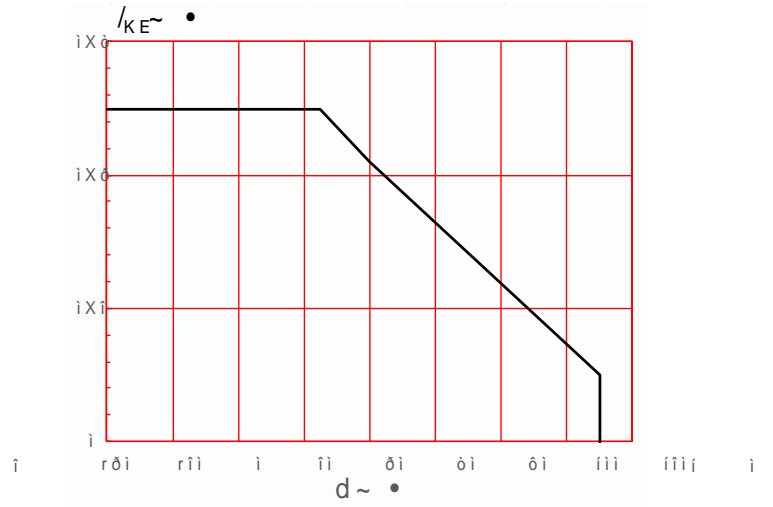


FIG.3: /(')RUZDUG & XUUHQW YV /(' 9ROWDJH

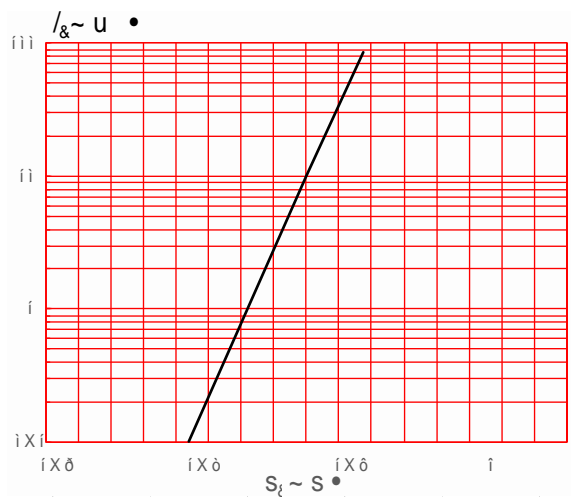


FIG.4: 2QVWYDWH & XUUHQW YV 2QV

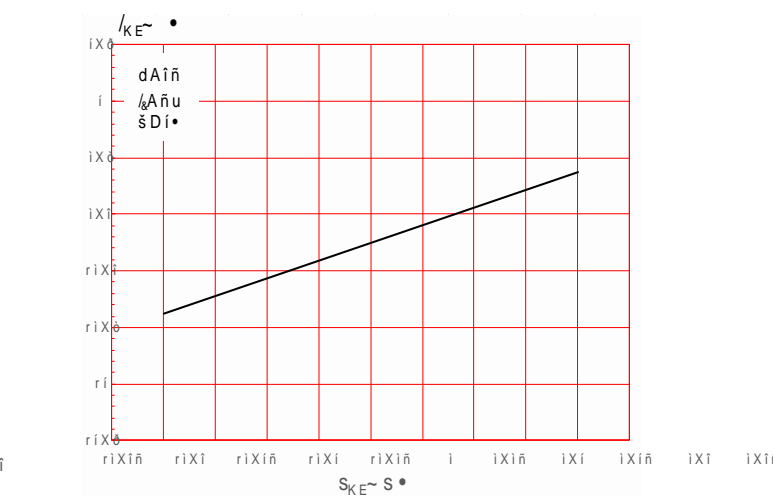


FIG.5: 2Q 5HVLVWYDWH & XUUHQW YV \$PELHQW 7HPSHUDWXUH

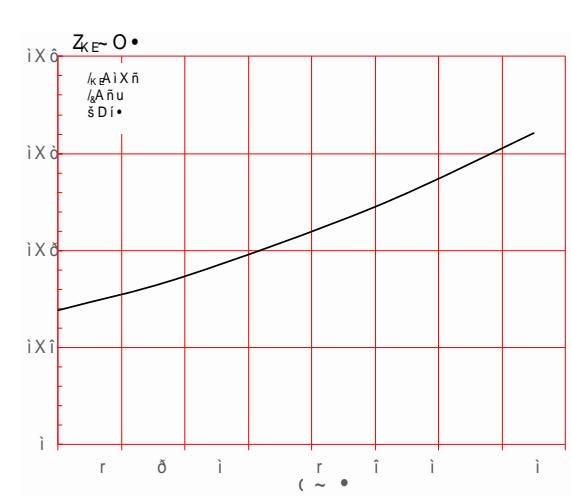


FIG.6: 2QVWYDWH & XUUHQW YV \$PELHQW 7HPSHUDWXUH

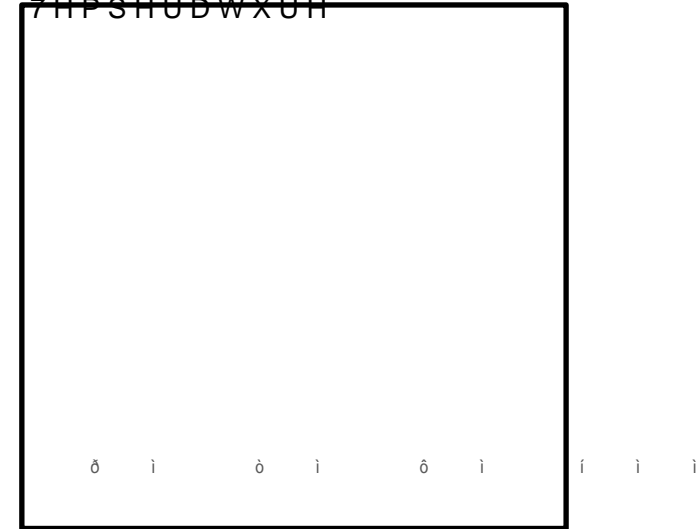


FIG.7: $V_{CE} \sim I_C$ & $V_{CE} \sim I_B$ CHARACTERISTICS & FIG.8: $V_{CE} \sim I_C$ & $V_{CE} \sim I_B$ CHARACTERISTICS

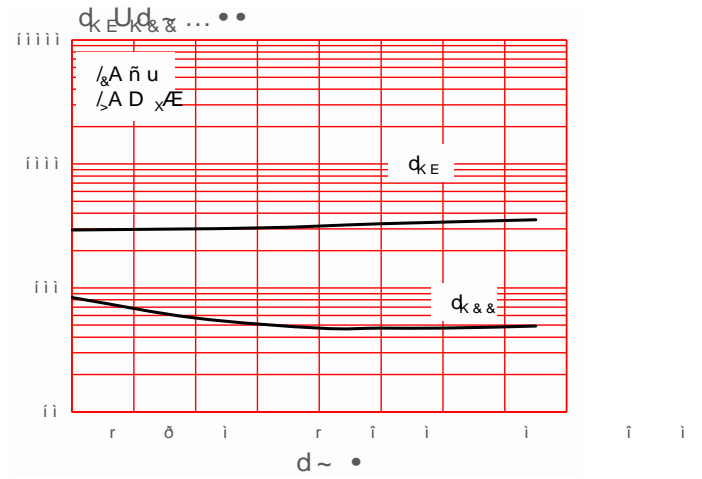
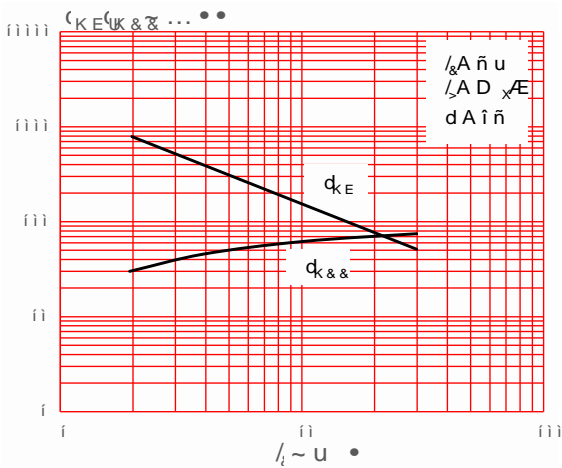


FIG.9: $V_{CE} \sim I_C$ & $V_{CE} \sim I_B$ CHARACTERISTICS & FIG.10: $V_{CE} \sim I_C$ & $V_{CE} \sim I_B$ CHARACTERISTICS

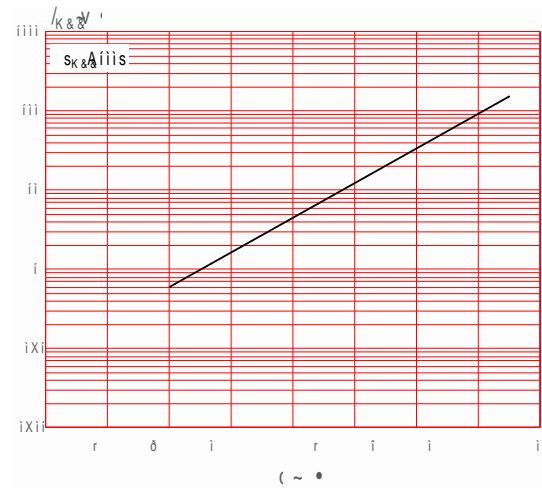
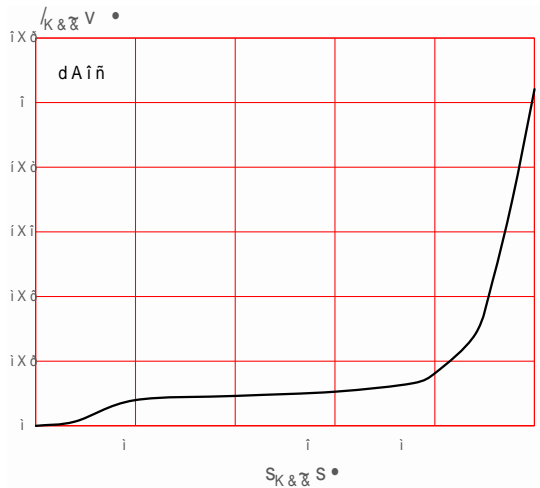
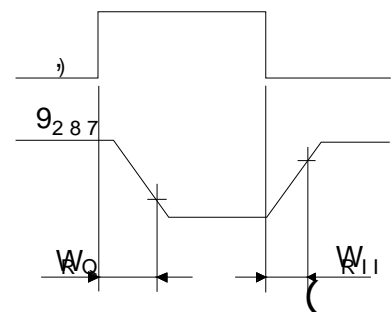
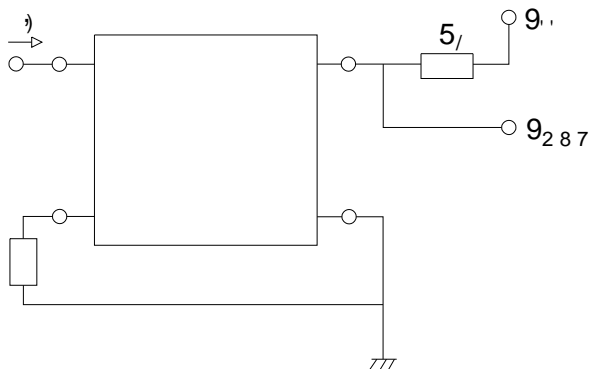
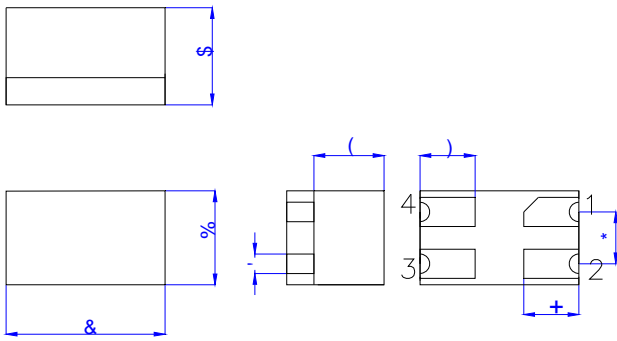


Fig.11: Switching Time Test Circuit and Waveform



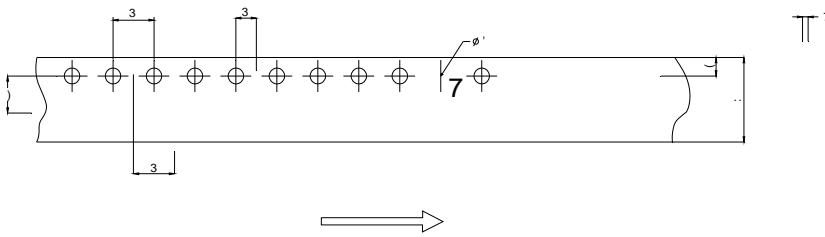
Package Dimension (Unit: mm)



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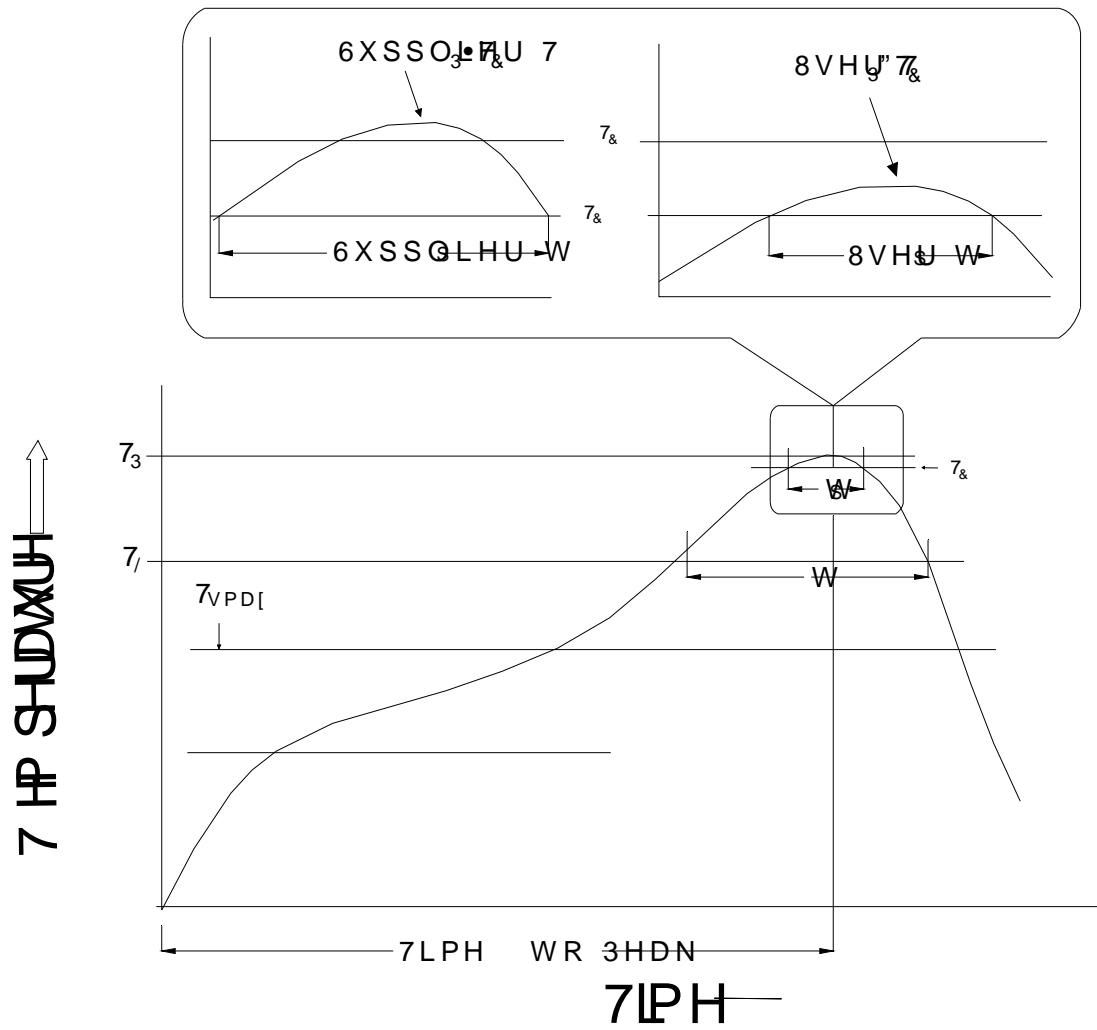


CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



5HI	'LPHQVLRQV					
	0LOOLPHWHUV					
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REFLOW INFORMATION



1RWH

5HIORZ VROGHULQJ LV UHFRPPHQGHG/ DWRZKH QHPSHWDWWDQW DQW D
\$YRLG GLUHFV FRQVHDVSRPHQZDQWXRUDFRU H[FHHGLQJ LWV PD
VWRUDJH WHPSHUDWXUH

\$SSOLFDWLRQ RKHUSRYXENRQLWLSOHGDDWHG WHPSHUDWXUHV ,QV
VFHQDULRV DQHPSVOLGRWRHFFHHG 1

(QVXUH WKH FRPSRQHQW KDV FRROHG SURPHQWQZLXPSWHDXHCL
PDQXIDFWXULQJ VWHSV

7KH FRPSRQHQW KDV BQKHODUZKHQVWDQGHGKFRGLWLRQV


5HFRPPHQG VWRUDJH 7HPS a f&

5HFRPPHQG VWRUDJH KXPLGLW\

06/ OHYHO 06/

,QIRUPDWLRQ IXUQXFKHQ/ LQ WKOLHGRHG WR EH DFFXUDWH D
-LDQJVVX -LH-LH 0LRRHOWHGDVROXLFHVQLRVUHRUSRQHLERQVHT
RI XVH ZLWKRXW FRQVLGHUDWLRQ IRG MWFKQIQURPDVWLRQ
LQ WKLV GRFXPHQVLDQJYXZLWHFRXWRQRWLFH DSDUW IURP V
VLJQHGH -LDQJVVXOLHVLZLFRKPKH DJUHHPHQW

3URGXFWV DQG LQIRUPDWLRQ SURYLGHG LQHWKWRGSDXPH
-LDQJVVX -LH-LH DVVXIPHLOQR\URVSRQVLQIULQJHPPHQW RI RW
ZKLFK PD\ UHVXOW IURP WKH XVH RI VFKLW SURFXPHQW DQGS HL
DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG

 LV D UHJLVWHUHGDQJJDGHLPHUNRUFURHOWHFWURQLFV & R
&RS\ULJKW -LDQJVVX -LH-LH CLVRRHOWHFGVSRQHLGLJKWV UHVH