Surface Mount Transient Voltage Suppressors

Features

- ” /RZ SURILOH SDFNDJH
- ” ,GHDO IRU DXWRPDWHG SODFHPHQW
- $YDLODEOH LQ 8QL GLUHFWLRQDO DQG %L
- : SHDN SXOVH SRZHU UDWLQJ DV SHU
- ([FHOOHQW FODPSLQJ FDSDELOLW\
- 9HU\ IDVW UHVSRQVH WLPH
- /RZ LQFUHPHQWDO VXUJH UHVLVWDQFH
- ” ,62 VWDQGDUG
  3XOVH DÃ EÃ DÃ EÃ E
- ” 0HHWV 06/ OHYHO SHU - 67' /) PD[LPX
  RI ƒ&
- ” (6' SURWHFWLRQ RI GDWD OLQHV WR
  W N9 $LU N9 &RQWDF
- ” 3DUW QR ZLWK VXIIL[³4´ PHDQV $(& 4 TX

Bi-directional

Typical Applications

)RU XVH LQ VHQVLWLYH HOHFWURQLFV SURW
WUDQVLHQWV LQGXFHG E\ LQGXFWLY, &VORDG
026)(7 VLJQDO OLQHV RU IRU HQ RXWSXW DXW
DQG WHOHFRPPXQLFDWLRQ

Mechanical Data

- **Package** '2 $& 60$
  0ROGLQJ FRPSRXQG 9HHWDVPDELOLW\
  UDWLQJ 5R+6 FRPSOLDQW KDORJHQ IUHH
- **Terminals** 7LQ SODWHG OHDGV VROGHUDEOH S
  - 67' DQG -(6' %
- **Polarity:**)RU XQL GLUHFWLRQDO W\SHV WKH ED
  HQG QR PDUNLQJ RQ EL GLUHFWLRQDO W\S

Maximum Ratings 8QOHVV RWKHUZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	Max

SMAJ60CAQ

vElectrical Characteristics Ä7D - 8QOHVV RWKHUZÅLVH VSHFLILHG

Part Number(Bi)	Breakdown Voltage V_{BR}@I_T			Maximum Reverse Leakage $I_{R@}$ V_{RWM} (µA)	Working Peak Reverse Voltage V_{RWM} (V)	Maximum Reverse Surge Current I_{PP}(4) (A)	Maximum Clamping Voltage Vc @ I_{PP} (V)
	Min(V)	Max (V)	I_T(3)(mA)				
60$- &$4							

vThermal Characteristics Ä7D - 8QOHVV RWKHUZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	Conditions	VALUE
7KHUPDO UHVLVWDQFH 7\SLFDO	5-/	- :	MXQFWLRQ WR OHDG	
	5-$	- :	MXQFWLRQ WR DPELHQW	

1RWHV

1RQ UHSHWLWLYH FXUUHQW SXOVH SHU)LJXUH DQG GHUDWHG DERYH 7

0RXQWHG RQ [[PP FRSSHU SDGV WR HDFK WHUPLQ

3XOVH"WHVW W

6XUJH FXUUHQW ZDYHIRUP SHU)LJ DQG GHUDWHG SHU)LJ

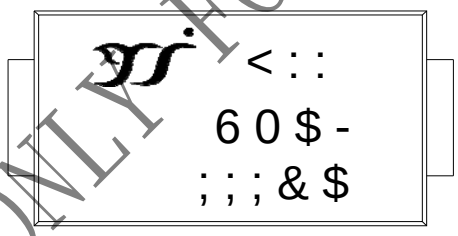
vOrdering Information ([DPSOH

PREFERED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
60$- 6(5,(6	)	$SSUR[LPDWH			´UHHO

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vMarking Information

Bi-directional



1RWH

$OO PDUNLQJ LV DW PLGGOH RI WKH SURGXFW ERG\

$OO PDUNLQJ LV LQ ODVHU SULQWLQJ

;;; LV PDUNLQJ FRGH OLNH &$ PDUNLQJ FRGH LV

%RG\ FRORU %ODFN

<:: LV GDWH FRGH ³<´ LV \HDU ³::´ LV ZHHN

)RU LQVWDQFH

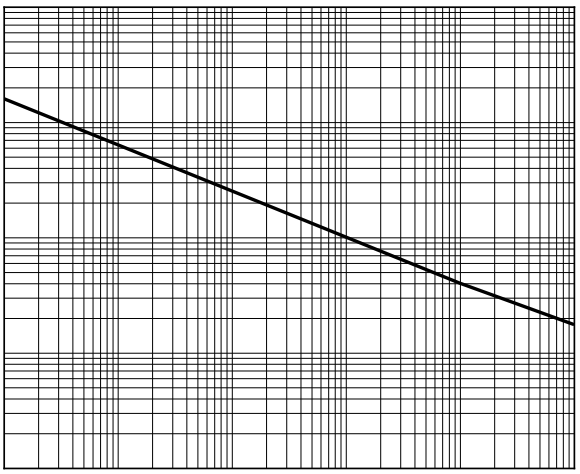
7KH WK ZHHN RI GDWH FRGH LV

7KH WK ZHHN RI GDWH FRGH LV

3330 3HDN 3XOVH 3RZHU ..

vCharacteristics 7\SLFDO

)LJ 3HDN 3XOVH 3RZHU 5DWLQJ &XUYH



(

W3XOVH : À

g

< D Q J] K R X < D Q J M E L H 7 H K H Q W R Q L & R / W G

Disclaimer

7KH LQIRUPDWLRQ SURGXFW LQIRUPDWLRQ DQG GDWD LQ WKLV GRFXPHQW DUH VXEMHFW WR FKDQJH ZLWKRXW QRWLFH <DQJ]KRX <DQJMLH (OHFWURQLFV &R /WG UHVHUYHV WKH ULJKW WR PDNH FKDQJHV WR LWV SURGXFWV RU WR GLVFRQWLQXH DQ\ SURGXFW RU VHUYLFH ZLWKRXW QRWLFH &XVWRPHUV VKRXOG REWDLQ WKH PRVW FXUUHQW YHUVLRQ RI WKH SURGXFW GDWD VKHHW DQG YHULI\ WKDW WKH LQIRUPDWLRQ LV FXUUHQW DQG FRPSOHWH EHIRUH SODFLQJ RUGHUV

7KH SURGXFWV GHVFULEHG LQ WKLV GRFXPHQW DUH QRW GHVLJQHG WR EH XVHG LQ OLIH VXSSRUW DSSOLDQFHV GHYLFHV RU V\VWHPV ZKHUH PDOIXQFWLRQ RI DQ\ SURGXFW FDQ UHDVRQDEO\ EH H[SHFWHG WR UHVXOW LQ VLJQLILFDQW LQMXU\ WR WKH XVHU RU RWKHU ZLVH

7KLV SXEOLFDWLRQ VXSHUVHGHV UHSODFHV DOO LQIRUPDWLRQ SUHYLRXVO\ VXSSOLHG WR \RX RQ WKLV VXEMHFW <RX VKRXOG YHULI\ WKDW <RXU LQIRUPDWLRQ LV XS WR GDWH EHIRUH SODFLQJ RUGHUV RU GHVLJQLQJ LQWR \RXU DSSOLFDWLRQV

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