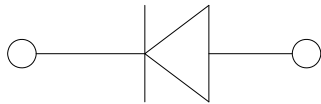
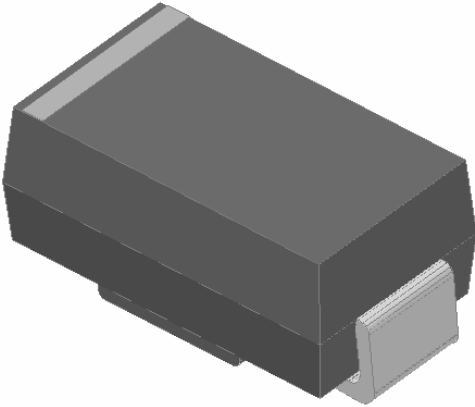




Surface Mount General Purpose Rectifier



Features

" /RZ SURILOH SDFNDJH
" ,GHDO IRUWDHGWSPDFHPHQW
" *ODVV SDVVLYDWHG FKLS MXQFWLRQ
" +LJK IRUZDUG VXUJH FDSDELOLW\
" 0HHWV 06/ OHYHO SHU - 67' /) PD[LPXP
RI f &
" 3DUW QR ZLWKHDXQVL\$(3& 4 TXDOLILHG

Typical Applications

)RU XVH LQ JHQHUDO SXUSXWV RI SRZHU
VXSSOLHV LQYHUWHUV FRQYHUWHUV DQG
FRQVXPHU DXWRPRWLYH DQG WHOHFRPPXQ

Mechanical Data

" Package '2 \$& 60\$
0ROGLQJ FRPSRQGPHWPPDELOLW\
UDWLQJ 5R+6 FRPSOLDQW KDORJHQ IUHH
" Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
- 67' DQG -(6' %
" Polarity: &DWKRGH OLQWKGHQRWKIRGH HQG

vMaximum Ratings 7D 8QOHVV RWKHUZZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	GS2AAQ	GS2BAQ	GS2DAQ	GS2GAQ	GS2JAQ	GS2KAQ	GS2MAQ
'HYLFH PDUNLQJ FRGH				*6 \$\$	*6 %\$	*6 '\$	*6 *\$	*6 -\$	*6 . \$
5HSHWLWLYH SHDN UHYHUVH YROWDJH				9					
0D[LPXP 506 YROWDJH	506	99							
\$YHUDJH UHFWLILHG RXWSKW FXUUHQW # +] VLQH ZDYH 5HVLVWDQFH ORD G 7/)LJ \$									
6XUJH QRQ UHSHWLWLYH IRUZDUG FXUUHQW # +] +DOI VLQH ZDYH FIFOH 7D									
6WRUDJH WHPSHUDWXUH	vWJ	-	7			a			
-XQFWLRQ WHPSHUDWXUH	-	-	7			a			

vElectrical Characteristics 7D 8QOHVV RWKHUZZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GS2AAQ	GS2BAQ	GS2DAQ	GS2GAQ	GS2JAQ	GS2KAQ	GS2MAQ
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH GURS SHU GLRGH \$		9								
7\SLFDO MXQFWLRQ FDSDFLWDQFH 9S 0+&					9					
0D[LPXP '& UHYHUVH UDWHG '& EORFNLQJ YROWDJH SHU GLRGH										
# 950 9550			7D - 7D -							



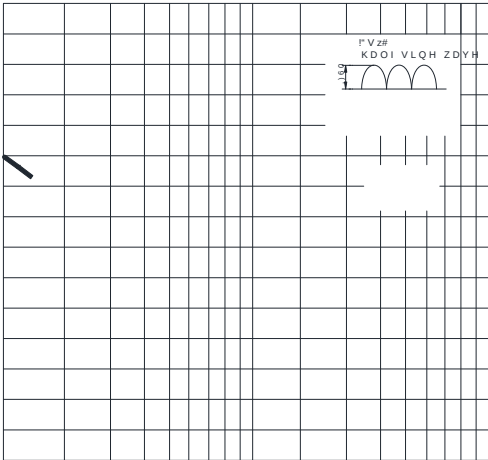
GS2AAQ THRU GS2MAQ

vThermal Characteristics 7D 8QOHVV RWKHUZLVH VSHFLILHG

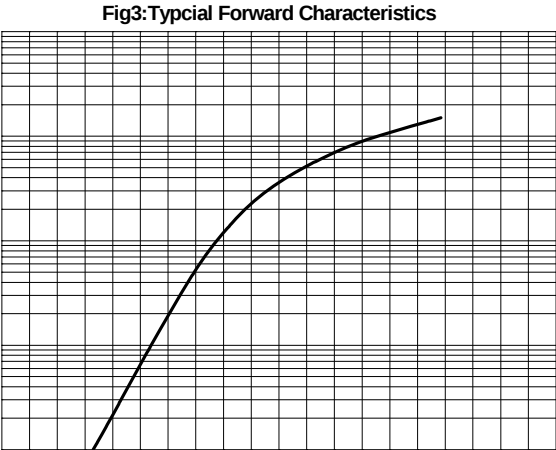
PARAMETER	SYMBOL	UNIT	GS2AAQ	GS2BAQ	GS2DAQ	GS2GAQ	GS2JAQ	GS2KAQ	GS2MAQ
7KHUPDO 5HVLVWDQFH	5 - s	- :							
	5 - /	- :							

1RWH
7KHUPDO UHVLVWDQFH FWHUWUHQWV DQG OHHB MRQHW HQGRW [3 & % ZLWK SHUP
SDG DUHDV

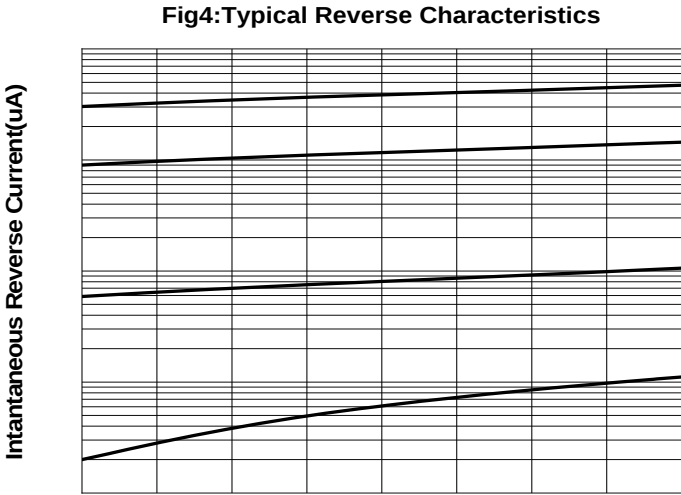
vCharacteristics 7\SLFDO



Number of Cycles



Instantaneous Forward Voltage(V)

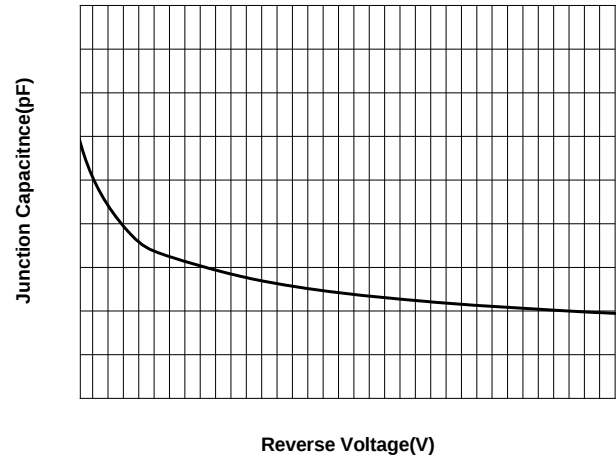


Percent of Peak Reverse Voltage(%)



GS2AAQ THRU GS2MAQ

Fig5:Typical Junction Capacitance



vOrdering Information ([D P S O H

PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX
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GS2AAQ THRU GS2MAQ

Disclaimer

7KH LQIRUPDWLRQ SURFHDQW LV IRU KLJKHUHQFH RQOH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQHVRZLWKRXWSKRLSURGXFWV GLWSOD\HG KHUHLQ WRGLHPSURY
RU RWKHUZZLVH

7KH SURGXFWQLVGHV\KJHGL WR EH MHGHZWWURQXWRDUMXQWLQHPHGQHDOIRVXVW
DLQLQJ RU<DQJMBURU WQ\BQKDRQ IDVXSPHQVQELOLW\ RU OLDELOLW\ IRULPSURSDP
HU XVH RI VDOH

7KLV SXEOLFDWLRQ SXSDSHUW HDGVLQURUPDWSRQLSGHYLWXDGLWLRQDO LQWRUPDWLR
KWWVZ\ \DQJMLHRRFRQVXOW\RXU QHDUHVW <DQJMLVWVQVDOHV RILFH IRU IXUW