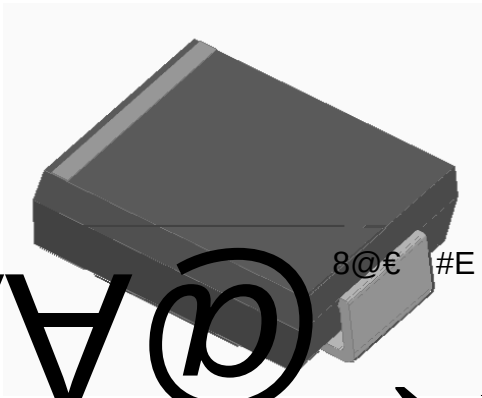




GS3AQ THRU GS3MQ

Surface Mount General Purpose Rectifier



Features

- " /RZ SURILOH SDFNDJH
- " ,GHDO IRUWDHXWSRDFHPHQW
- " *ODVV SDVVLYDWHG FKLS MXQFWLRQ
- `G Z°DSDDV0`ð/Äð€•Ä... `I€4 0P0 ð•0Dp0@£\$Z° H
- " 3DUW QR Z4WKHVDQVL\$(% 4 TXDOLILHG

Typical Applications

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

Mechanical Data

- " Package '2 \$% 60&
- 0ROGLQJ FRPSR8/QG PHHWDPPDELOLW\
- UDWLQJ 5R+6 FRPSOLDQW
- " Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
- DQG -(6' %
- " Polarity: &RORU EDQG GHQRWHV FDWKRGH HQG

Maximum Ratings 8QOHVV RWKHUÄLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	GS3AQ	GS3BQ	GS3DQ	GS3GQ	GS3JQ	GS3KQ	GS3MQ
'HYLFH PDUNLQJ FRGH					*6 \$	*6 %	*6 '	*6 *	*6 -
5HSHWLWLYH 3HDN 5HYHUVH 9RQWDJH									
0D[LPXP 506 YROWDJH	506	9 9							
\$YHUDJH 5HFWLILHG 2XWSXW &XUHQW # +] VLQH ZDYH 5HVLVWDQFH ØRDG \$7/)LJ									
)RUZDUG 6XUJH &XUHQW # +] +DOI VLQH ZDYH F\FOH 7D	1RQ UHSHWLWLYH								
6WRUDJH 7HPSHUDWXUH	vWJ	-	7		a			a	
-XQFWLRQ 7HPSHUDWXUH	-	-	7		a			a	

Electrical Characteristics 8QOHVV RWKHUÄLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GS3AQ	GS3BQ	GS3DQ	GS3GQ	GS3JQ	GS3KQ	GS3MQ
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH GURS SHU GLRGH)09 \$										
0D[LPXP '& UHYHUVH FXUHQW DW UDWHG '& EORENLQJ YROWDJH SHU GLRGH			7D -							
			7D -							
7\SLFDO MXQFWLRQ	FDSDFLWSDQ		0HDVXUHG DW 0+= FDQG \$\$\$&MHG 5HYHUVH 9RQWDJH RI 9' &							



GS3AQ THRU GS3MQ

Thermal Characteristics 7D 8QOHVV RWKHU¹LVH VSHFLILHG

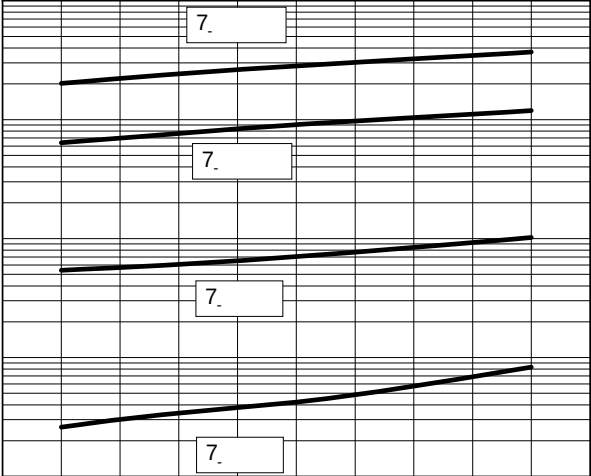
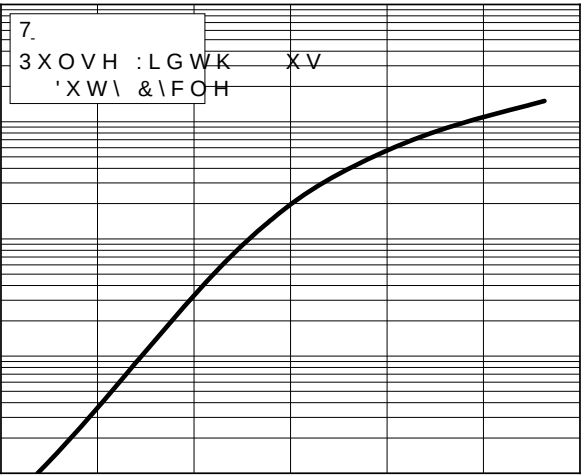
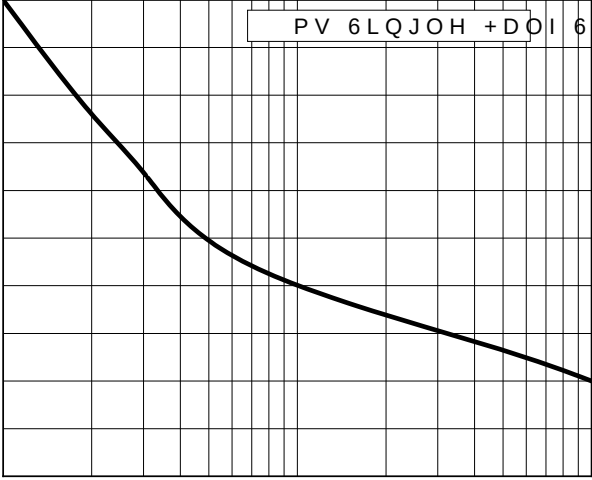
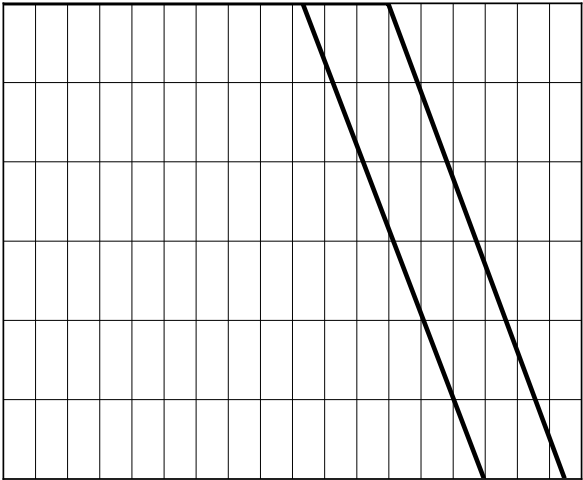
PARAMETER		SYMBOL	UNIT	GS3AQ	GS3BQ	GS3DQ	GS3GQ	GS3JQ	GS3KQ	GS3MQ
7KHUPDO 5HVLVWDQFH	-XQFWLRQ WR DPELHQW	R _{DS(on)}	°C/W							
	-XQFWLRQ WR OHDG									

1RWH 7KHUPDO UHVLVWDQFH DPELHQW FOLQORJLQDO RYHQWQ 3 & % ZLWK [U SDG DPHDV PP

Ordering Information ([DPSOH

PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE (pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
GS3AQ~GS3MQ	)	\$SSUR[LPDWH	W			

Characteristics 7\SLFDO





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4	
4	



GS3AQ THRU GS3MQ

Disclaimer