



GS1AB THRU GS1MB

Surface Mount General Purpose Rectifier

Features

" /RZ SURILOH SDFNDJH
" ,GHDO IRUWDHGWSDP DDFHPPHQW
" *ODVV SDVVLYDWHG FKLS MXQFWLRQ
" +LJK IRUZDUG VXUJH FDSDELQW
" 0HHWV 06/ OHYHO SHU - 67' /) PD[LPXP
RI f &

Typical Applications

)RU XVH LQ JHQHUDO SXWVXUJH & WQKH B HQ

Maximum Ratings

PARAMETER	SYMBOL	UNIT	GS1AB	GS1BB	GS1DB	GS1GB	GS1JB	GS1KB	GS1MB
'HYLFH PDUNLQJ FRGH					*6 \$ %	*6 % %	*6 ' %	*6 * %	*6 - %
0D[LPXP 5HSHWLWLYH 3HDN 9506	9506	9							
0D[LPXP 506 9ROWDJH	9506	9							
0D[LPXP '& EORFNLQJ 9ROWDJH	9506	9							
\$YHUDJH UHFWLILHG RXWSXW EXUUHQW # +] VLQH ZDYH UHVLVWDQFH	1RQ UHSHWLWLYH								
)RUZDUG 6XUJH &XUUHQW # +] +DOI VLQH ZDYH F\FOH	1RQ UHSHWLWLYH								
)RUZDUG 6XUJH &XUUHQW # PV VTXDUH ZDYH F\FOH	1RQ UHSHWLWLYH								
&XUUHQW VTXDUHG WLP # PV"W" PV 7M	,W	\$ V							
6WRUDJH WHPSHUDWXUH	7VWJ	-					a		
-XQFWLRQ WHPSHUDWXUH	7M	-					a		

Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GS1AB	GS1BB	GS1DB	GS1GB	GS1JB	GS1KB	GS1MB
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH	9		,)0 \$							
0D[LPXP '& UHYHUVH EXUUHQW UDWHG '& EORFNLQJ YROWDJH	9		DW 7M -							
	9		7M -							
0HDXUHG DW 0+] 7\SLFDO MXQFWLRQ FDSDFLWDQFH \$SSOLHG 5HSXUJH 9ROWDJH RI 9' &										

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<DQJ]KRX <DQJMLH (OHFWURQL



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Disclaimer

7KH LQIRUPDWLRQ SURFHDQW LV IRXU\DI\JH<RQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQHVRZLWKRXWSKRLSURGXFWV RILWSOD\HG KHUHLQ WRGLPSURY
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHOLHUWRQREHTXVLSBHZLWKRURGGHYLQFHWVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKKHPDOOXQFHWGRQURHOLMDLGRVDDQFHU
PHGLFDO LQVWUXPHQWVITWLSQHSRUDWHURVSDXHOHDEKWLQDFWHLQFRQWURSRBHHU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOEMKROI OLVEXLHLWQRUHDQRQREBJHVHUV
RIVDOH

7KLV SXEOLFDWLRQISXDSHUWIDGIDLQURUPDWSLROLSGHYLRXDXGLWLRQDO LQWRUPDWLR
KWS ZZZ \DQJMLH FRP RU FRQDOWRRXUHQHFWUHXVW<HQJMLM\ VWWDQH