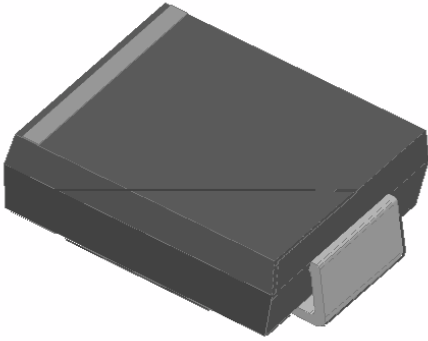




Surface Mount General Purpose Rectifier



Features

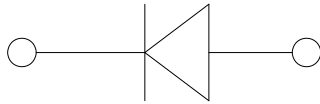
- +LJK HILFLHQF\
- +LJK FXUUHQW FDSDELOLW\
- +LJK UHOLDELOLW\
- +LJK VXUJH FXUUHQW FDSDELOLW\
- /RZ SRZHU ORVV
- 6ROGHU GLS f& SBU -(6' %
- 3DUW QR ZLWRKHDXQVL\$(% 4 TXDOLILHG

Typical Applications

)RU XVH LQ JHQHUHDFWXSIXUF&RVLHQ RI SRZHU VXSSOLHV LQYHUWHUV FRQYHUWHUV DQG FRQVXPHU DXWRPRWLYH DQG WHOHFRPPXQ

Mechanical Data

- Package '2 \$% 60& 0ROGLQJ FRPSR&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	GS5AQ	GS5BQ	GS5DQ	GS5GQ	GS5JQ	GS5KQ	GS5MQ
'HYLFH PDUNLQJ FRGH					*6 \$	*6 %	*6 '	*6 *	*6 -
5HSHWLWLYH 3HDN 5HYHUVH 9RQW DJH									
0D[LPXP 506 YROWDJH	506	9 9							
\$YHUDJH 5HFWLILHG 2XWSXW &XUUHQW # +] VLQH ZDYH 5HVLVWDQFH ØRDG \$7/)LJ									
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # +] +DOI VLQH ZDYH F\FOH 7D									
6WRUDJH 7HPSHUDWXUH	7 _{VWJ}	-				a			
-XQFWLRQ 7HPSHUDWXUH	-	-	7			a			

Electrical Characteristics 7D 8QOHVV RWKHUÄLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GS5AQ	GS5BQ	GS5DQ	GS5GQ	GS5JQ	GS5KQ	GS5MQ
0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH GUR'S \$HU GLRGH 9 \$										
0D[LPXP '& UHYHUVH FXUUHQW DW UDWHG '& EORFNLOJ YROWDJH SHU GLRGH			7D - \$							
7\SLFDO MXQFWLRQ FDSDFLSWDQFH DFCG \$SSO&HG 5HYHUVH 9ROWDJH RI 9' &			0HDVXUHG DW 0+=							



GS5AQ THRU GS5MQ

Thermal Characteristics

PARAMETER	SYMBOL	UNIT	GS5AQ	GS5BQ	GS5DQ	GS5GQ	GS5JQ	GS5KQ	GS5MQ
7KHUPDO -XQFWLRQ WR	DP5LHQW	-							
5HVLVWDDQFH -XQFWLRQ WR	OH5G								

1RWH

7KHUPDO UHVLVWDQWR DPERLHQW FVLRQ ORDGMRXQWRG WQ 3 & % ZLWK [U SDG DPHDV PP

Ordering Information ([DPSOH

PREFERED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)



GS5AQ THRU GS5MQ

vOutline Dimensions

'2	\$%	60&
'LP	0LQ	0D
\$		
%		
&		
'		
(
)		
*		
+		

Suggested pad layout

Dim	Typ
3	
3	
4	



GS5AQ THRU GS5MQ

Disclaimer

7KH LQIRUPDWLRQ LSHU 6RHO W\HOGWLQVMRU <DQJJKRX <DQJMEH HOKHWORDL&R /WZZZ \DQJMLH F
ULJKW WR PDNH FKDQJHV ZLWKRXW KH SURSHXRXW WGHVSDHDFHG KDWIHRQ RWUOLHPSLWRY