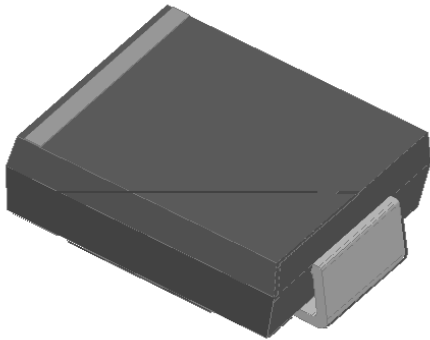


Surface Mount General Purpose Rectifier



Features

```

" +LJK HIILFLHQF\
" +LJK FXUUHQW FDSDELOLW\
" +LJK UHOLDELOLW\
" +LJK VXUJH FXUUHQW FDSDELOLW\
" /RZ SRZHU ORVV
" 6ROGHU GLS      /& BDU -(6'      %
" 3DUW QR  Z4WPHVQVL$(3& 4      TXDOLILHG

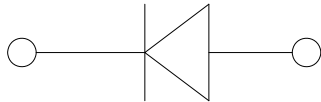
```

Typical Applications

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

Mechanical Data

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



Maximum Ratings **D** 8 Q O H V V R W K H U **A** L V H V S H F L I L H G

PARAMETER	SYMBOL	UNIT	GS5AQ	GS5BQ	GS5DQ	GS5GQ	GS5JQ	GS5KQ	GS5MQ
'HYLFH PDUNLQJ FRGH					*6 \$	*6 %	*6 '	*6 *	*6 -
5HSHWLWLYH 3HDN 5HYHUVE 9BQWDJH									
0D[LPXP 506 YROWDJH	506	9 9							
\$YHUDJH 5HFWLILHG 2XWSXW & XUHHQW # +] VLQH ZDYH 5HVLVWDQFH ORD G\$7/)LJ									
)RUZDUG 6XUJH & XUHHQW 1RQ UHSHWLWLYH # +] +DOI VLQH ZDYH F\FOH 7FD									
6WRUDJH 7HPSHUDWXUH	7 _{VWJ}	-	a						
-XQFWLRQ 7HPSHUDWXUH	.	-	7 a						

Electrical Characteristics

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



GS5AQ THRU GS5MQ

Thermal Characteristics 7D 8QOHVV RWKHUÄLVH VSHFLILHG

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

1RWH
7KHUPDO UHVLVWDQWR DPERLHGXWFWLRQDORBGMRXQWRQWQ 3 & % ZLWK [U SDG DPHDV PP

Ordering Information ([DP SOH

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



GS5AQ THRU GS5MQ

vOutline Dimensions

' 2	\$ %	6 0 &
' L P	0 L Q	0 D
\$		
%		
&		
'		
(		
)		
*		
+		

■ Suggested pad layout

Dim	Typ
3	
3	
4	



GS5AQ THRU GS5MQ

Disclaimer

7KH LQIRUPDWLRQ LQ 65AQ 7HUR 65MQ <DQJJKRX F4DQJMLH (OHFWURQLF 7HFKRO
ULJKW WR PDNH FKDQJHV ZLWKRXW QR SURGXFWHG HVSDHFH LKOHVLRQ RYRGLPSURY