



Silicon Carbide Schottky Diode

Features

3RVLWLYH WHPSHUDWXUH FRHIILFLHQW
7HPSHUDWXUH-LQGSHQGHQW VZLWFKLQJ
0D[LPXP ZRUNLQJ WHPSHUDWXUH DW 175 &
8QLSRODU GHYLFH YHDQJ\ JHHFRYHU\ FXUUHQW
=HUR IRUZDUG UHFRYHU\ YROWDJH
(VVHQWLDQ\ QR VZLWFKLQJ ORVVHV
5HGXFWRQ RI KHDW VLQN UHTXLUHPHQWV
\$(&-4101 TXDOLILHG
+LJK-IUHTXHQF\ RSHUDWRQ
5HGXFWRQ RI (0,

Typical Applications

7\SLFDO DSSOLFDWRQV DUH LQ SRZHU IDFWRU
LQYHUWHU XQLQWXLVXSWEHQWUSRGDHFHV
LQYHUWHU HOHFWULF FDU DQG FKDUJHU.

Mechanical Data

Package 72-247\$ &
0ROGLQJ FRPSRXQG PHHWV 8/ 49-0 IODPPH
UDWLQJ 5R+6-FRPSOLDQW KDORJHQ-IUHH
Terminals 7LQ SODWHG OHDGV
Polarity \$V PDUNHG

Maximum Ratings 7 & 25 8QOHVV RWKHUZZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	VALUE
'HYLFH PDUNLQJ FRGH			'10655014*3

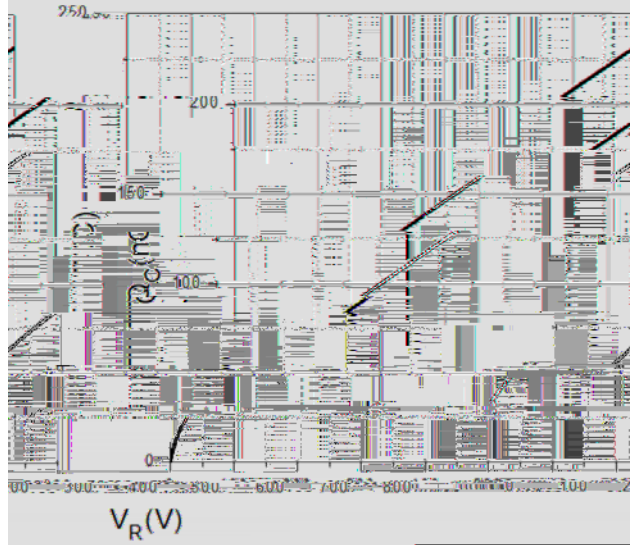
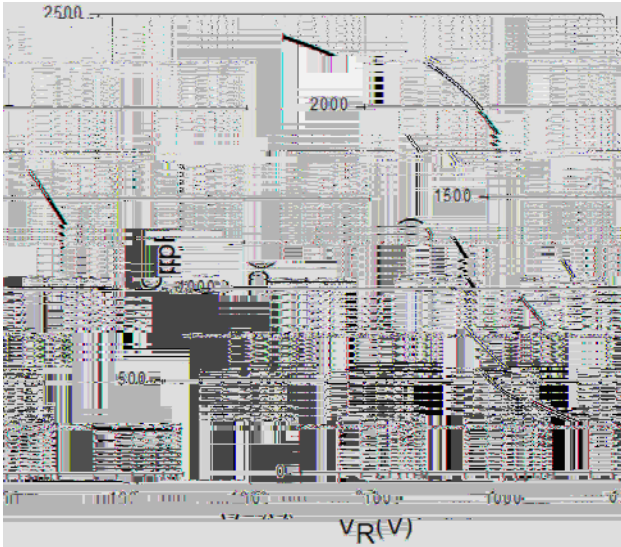


YJD106550NQG3Q

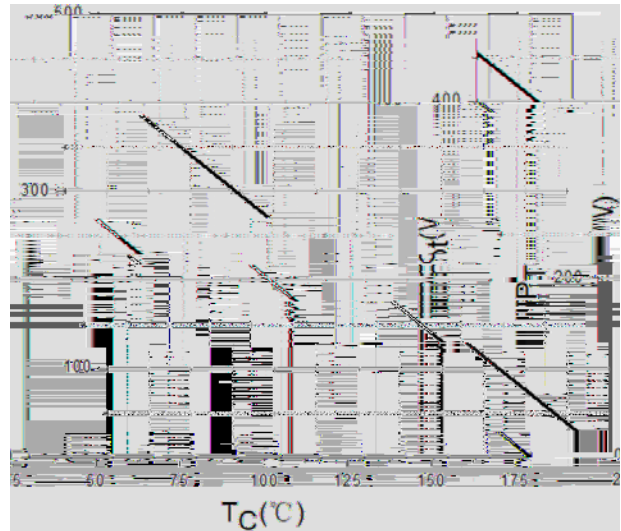
RoHS
COMPLIANT

Electrical Characteristics 3 H U / H J

PARAMTETER	SYMBOL	UNIT	TEST CONDITIONS	Typ.	Max.
RUZDUG YROWDJH GURS			50\$ 725 & 9 9	1. 45	1. 6

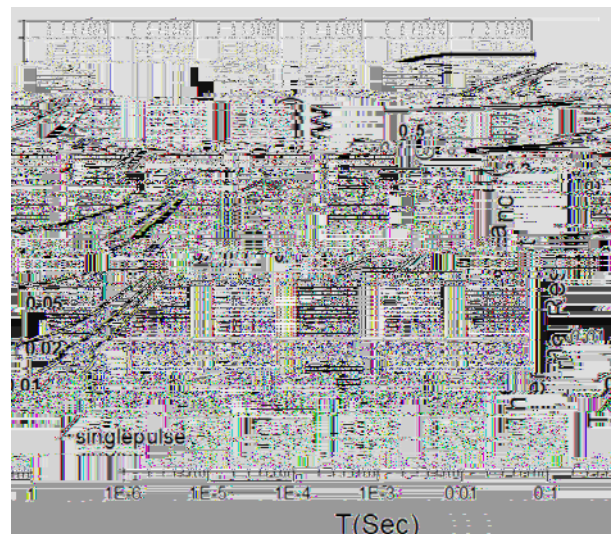
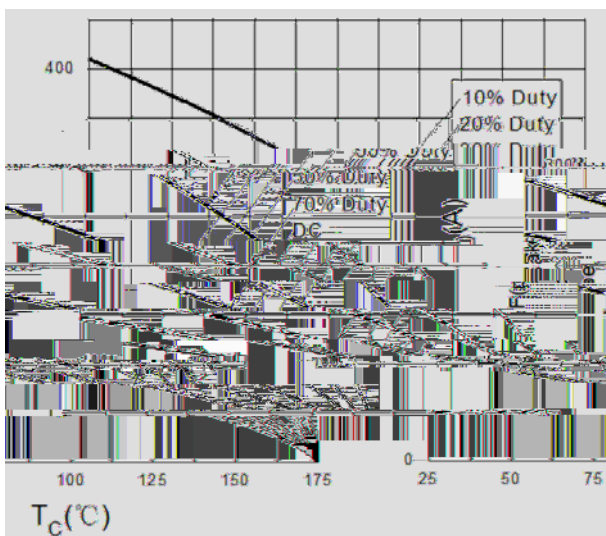


)LJXUH 3. &DSDFLWDQFH9R0.W5HYH XUH 4. 7RWDQJ&DSDFLWDQFH &KDUJH YV.



)LJXUH 5. &DSDFLWDQFHJ6WRU

)LJXUH 6. 3RZHU 'HUDW



)LJXUH 7. &XUJHQW 'HUDWLQ

)LJXUH8. XUJHQW7UDQVDO ,PSHGDQFH

