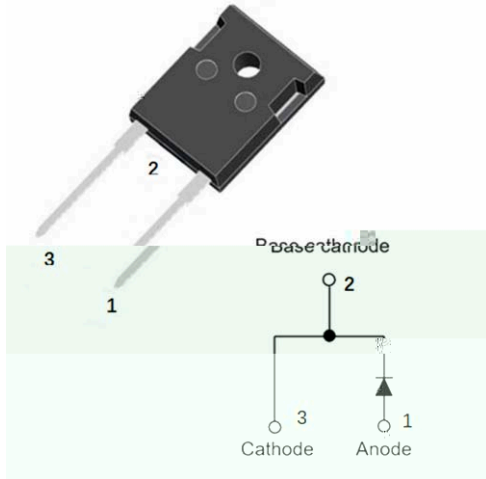


## Silicon Carbide Schottky Diode

9 <sub>560</sub>	9
) f &	\$
4&	Q &



### Features

- " 3RVLWLYH WHP SHUDWXUH FRHILFLHQW
- " 7HP SHUDWXUH LQG HSHQG HQW VZLWFKLQJ
- " 0D[LPXP ZRUNLQJ WHP SHUDWXUH DW f &
- " 8QLSRODU GHYLUFHVHDOG JHURRYHU\ FXUUHQW
- " =HUR IRUFZDUHQJ VFXUUHQW
- " (VVHQWLDOO\ QR VZLWFKLQJ ORVVHV
- " 5HGXFWRQ RI KHDW VLQN UHTXLUHPPHQWV
- " +LJK IUHTXHQF\ RSHUDWRQ
- " 5HGXFWRQ RI (0,

### Typical Applications

- 7\SLFDO DSSOLFDWRQV DUH LQ SRZHU IDFWRU
- LQYHUWHU XQLQWXSXSWE ROR USRZHU HV S
- LQYHUWHU HOHFWULF FDU DQ — 7DÄVTCWDG™,!
- # 7

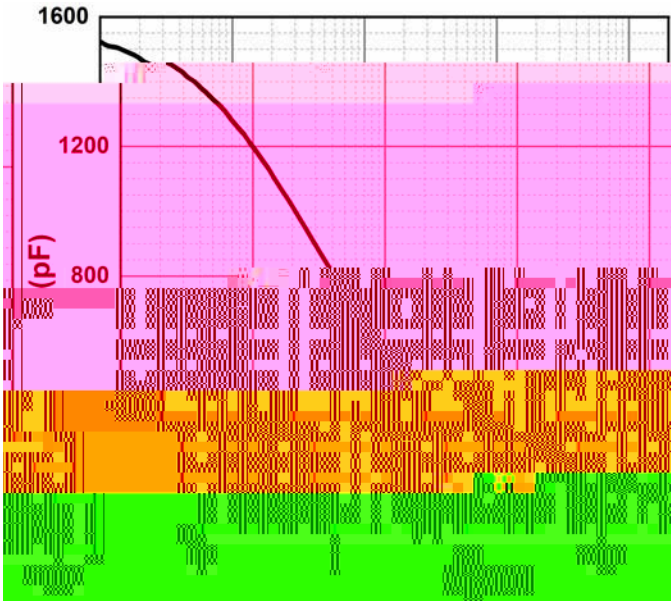
M f &	9 <sub>560</sub>	9	
5HYHUVH YROWDJH ' & # 7 <sub>M</sub> f &	9&	9	
&RQLQXRXV IRUZDUG f FXUUHQW	# 7		
&RQLQXRXV IRUZDUG f FXUUHQW	# 7,)		\$
&RQLQXRXV IRUZDUG f FXUUHQW	# 7		
1RQ UHSHWLWLYH SHDN IRUZDUG VXUJH FXUUHQW # 7& f & WS PV +DOI 6LQH :DYH )60			\$
3RZHU 'LVVLS&DWf &R# 7			
3RZHU 'LVVLS&DWf &Q# 7	3 <sub>727</sub>		

LW 9DOXH#f & WS P@0x0 ó&A\$ H ó4\$ ID,2.ó4r ID™,€ i(G IDy~#i(Q•\$5FH ó d IDy~#i2 !\$"\$€€ iVTAS"G™,2.óeD IDy"H ú 4 i0À0 C

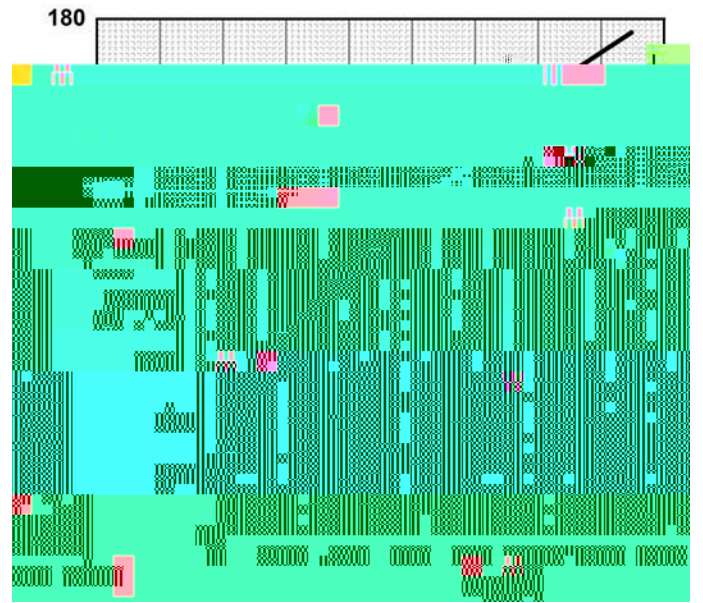




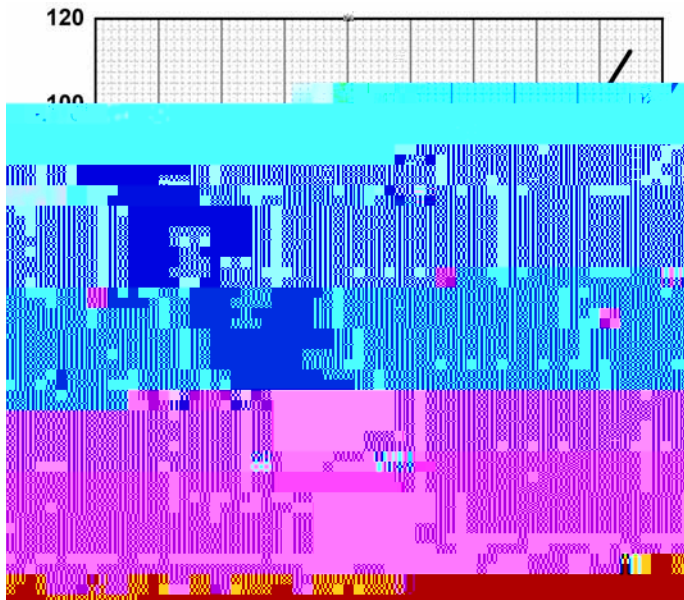
# YJD117010NYG5



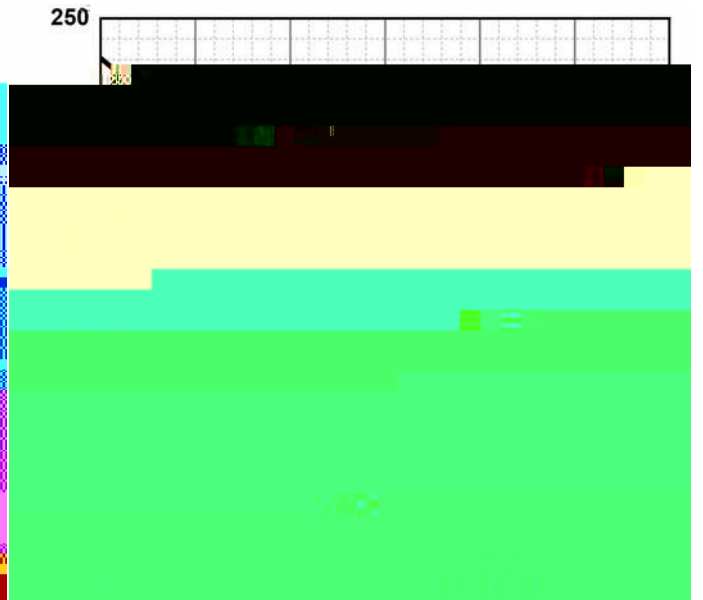
)LJXUH &DSDFLVMDQFH9R0W5HY



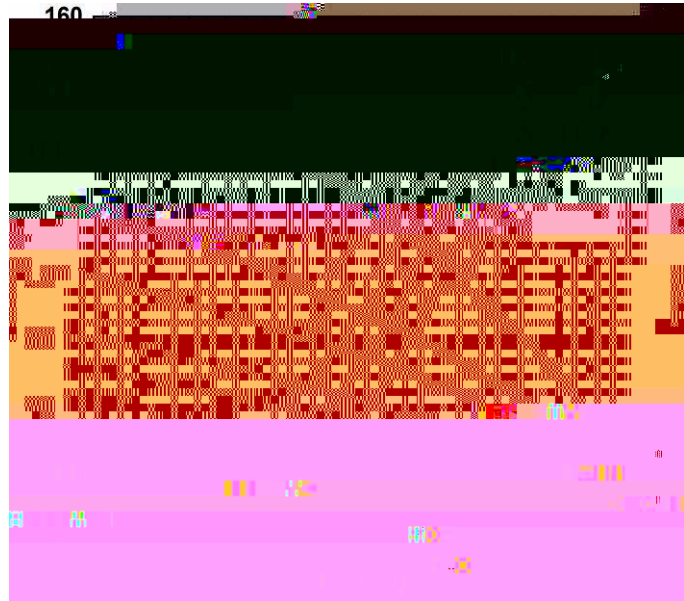
)LJXUH 7RWDO &DSDFLWDQFH &KDUJ



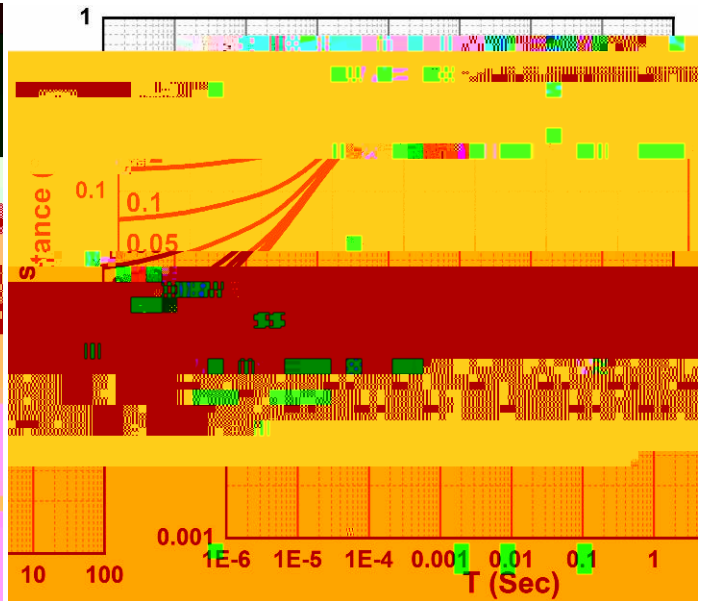
)LJXUH &DSDFLWDQFH 6WRUHG (QHUJ\



)LJXUH 3RZHU 'HUD



)LJXUH &XUUHQW 'HUDWLQ



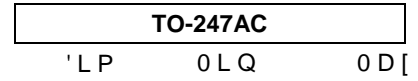
)LJXUH 7UDQVLHQW 7KHUP



# YJD117010NYG5

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## Outline Dimensions





Disclaimer

7KH LQIRUPDWLRQ V GHVFHQW G V LQ WRKUL JDHQ H JK RQF HDROO D Z HF (HQFFOVRUR Q LF /VHG UHV  
ULJKW WR PDNLHWKRDQW HQRZ V SH FIRU W R D WSLRFG R F WVV GLV SFO D RI YGHKWHU OIL D E W G G W V L J Q Q F  
RU RWKHU ZLVH

7KH SURGXFW Q LV WGHV I K J H G WR EH HXVHHG WZLWKL R H G K Q S P H Q W RU GHYLFH W K D Q G Q  
HTXLSPHQW RU GHYLFHV ZKLFK UHTX LM KHKE DIO IOZ Q VW O Z R X D H C C D E H C H W O K D E F K D O V L I H  
PHGLFDO LQVWUXQ M Q R U W H D W L R Q H U T R X L S P H R Q F I O H D U U H D F W R H O F F R O W U R R O O H W V D Q  
GHYLFHV <DQJMLH VRV D K B Q H B Q V X R I O V W R R W H O S B R Q O I E W H V R O V D I Q J G I D R P J M F K L P  
R I V D O H

7KLV SXEOLF DWLR Q S O X S F H U W I D G I O V L Q U R O A P D X S L S R Q L S G H Y R L R X D G G L W L R Q D O L Q W R H U P D W L R  
K W W [V S Z \ D Q J M L H R F R](#) P R Q V X O W \ R X U Q H D U H V W <DQJMLH V M I D Q V F D H O H V R I I L F H I R U I X U W