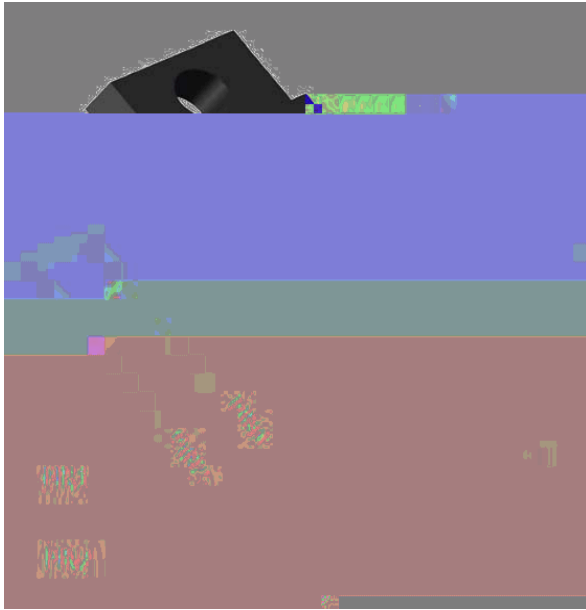




# Ultra-Fast Recovery Diodes 30A FRED



### Features

- " \$GRSW )5(' FKLS
- " /RZ IRUZDUG 9ROWDJH GURS
- " )DVW UHYHUVH UHFRYHU\ WLPH
- " +LJK IUHTXHQF\ RSHUDWLRQ
- " +LJK SXULW\ KLJK WHPHUDWXUH HSR[\ H
- HQKDQFHG PHFKDQD & OPRWUMQUWU HVLVWD
- " \*XDUG ULQJ IRU HQDWFBGUORJH GWHUP U

### Typical Applications

- 7\SLFDO DSSOLFDWLRQV DUH LQ VZLWFKLQJ
- IUHHZKHHOLQJ GLRGHV DQG UHYHUVH EDW

### Mechanical Data

- " **Package** ,72 \$ &
- 0ROGLQJ FRPSRQ/QG PHHWDVPPDELOLW\
- UDWLQJ 5R+6 FRPSOLDQW
- " **Terminals** 7LQ SODWHG OHDGV VROGHUDEOH S
- DQG -(6' %
- Polarity** \$V PDUNHG "

### Maximum Ratings

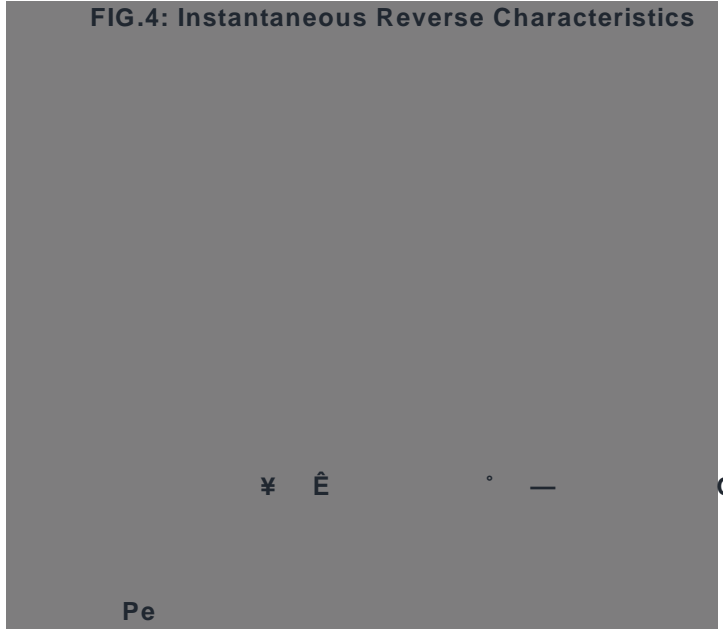
PARAMETER	SYMBOL	UNIT	MUR3060F
'HYLFH PDUNLQJ FRGH			085 )
5SHSHYHy™ LF0S' f PYLF• 0 YNL f2ç+\$ vDÇW,%p3• û ò .ñ @\$6R vÓSS uĩ~"Vo C`7m l2 w9 7e0•, ` p•			
6XUJH 1RQ UHSHWLWLYH )RUZDUG & 0WRUDJH 7HPSHUDWXUH			a
-XQFWLRQ 7HPSHUDWXUH	7M	-	a
7\SLFDO -XQFWLRQ FDSDFLWDQFH #9 0+]			
0RXQWLQJ WRUTXH #UHFRPPHQGÖWRJUHFX	7RU	NJ FP	





# MUR3060F

FIG.4: Instantaneous Reverse Characteristics



## Outline Dimensions

ITO-220AC		
'LP	0LQ	0D
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# MUR3060F

## Disclaimer

7KH LQIRUPDWLRQ V GHVFHQWV LQ WKH UDQGHU JKRQJ HDUHQO ZH FKHFOVRUR QLF /VHG UHV  
ULJKW WR PDNLWKRDXW IRU VSHFIRU RYVSLRQG R FWWV GLV SPSA RYGHKUHU OILDE WQGLV L JQQ F  
RU RWKHU ZLVH

7KH SURGXFW OLVWGHV IJHQH WR EH HOVHG WZLWQ R HG XQSRHQW RU GHYLFH W KDQG Q  
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLW KHKE DIO IZLWQ R RQ XH OGGDEH CHWQ K DFKQ DVLH  
PHGLFDO LQVWUXPHV RYVSLRQ HURXLSH H R X FKHQ U UHV FWRUO FFRQWURROO H W V D Q  
GHYLFHV <DQJMLH R V DFK BQH D Q V X R L V V Q R R W H O S B R L V L E W H V R O V D I Q J G I D R P J M F K L P  
RI VDOH

7KLV SXEOLF DWLRQ SODSHUW H G H V L Q U R O P D X V S R Q L S G H Y R U X D G G L W L R Q D O L Q W R H U P D W L R  
KWV VSZ \DQJMLH R R R P R Q V X O W \ R X U Q H D U H V W <DQJMLH V M J D Q V D H O H V R I I L F H I R U I X U W