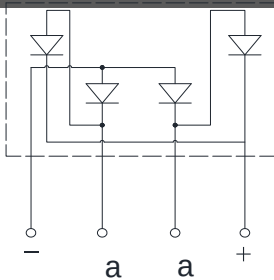
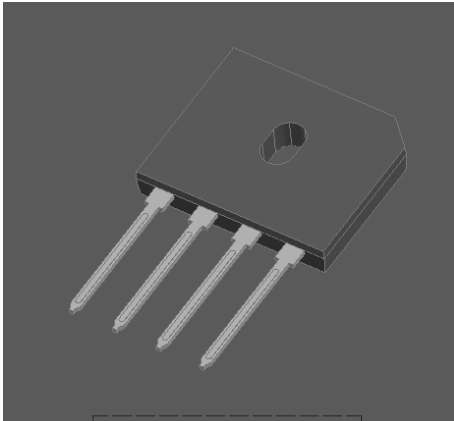




Bridge Rectifiers



Features

- " 8/ UHFRJQILWHRQ
- " *ODVV SDVVLYDWHG FKLS MXQFWLRQ
- " ,GHDO IRU SULQWHG FLUFXLW ERDUGV
- " +LJK VXUJH FXUUHQW FDSDELOLW\
- " 6ROGHU GLS Y & PHUJ - (6' %

Typical Applications

- *HQHUDO SXUSRVH XJHUHQV ZDYHWHFWLIL
- PRQLWRU 79 SULQWHU SRZHU VXSSO\ VZL
- DGDSWHU SXQWHDXLG KQPHVDS\$SDDFDWLR

Mechanical Data

" P

M x m m ´ . p t t v . . ak ´ . v		VRRM	~ Vt g	50	00	00	400	00	800	000	
M x m m ´ ~ ~ ~ t g		VR M	V	35	70	40	80	420	0	700	
M x m m ´ C ~ ~ o k ng } ~ ~ t		VOC	V	50	00	200	00	600	00	000	
Av. r. g. r. t c u r . n t @ l o . d	W	a t s n k									
	q t p - t =	s . 0 0									
	6 - 5 H z	s . 2 n e \$. w									
: " L W " K " R " X W " K H D W V " L Q N		7 " - D									
) " R U Z D U G		6 X U	J H & X U U H Q W								1 " R "
# +] + D O I V L Q H Z D Y H - F \ F O H		7 M									
) R U Z D U G 6 X U J H & X U U H Q W		1 R Q	U H S H W L W L Y H								
# P V V T X D U H Z D Y H - F \ F O H		7 M									
& X U U H Q W V T X D U H G W L P H											
# P V " W " P V 7 M 5 D W L Q J R I S H U		' W	\$ 6								
6 W R U D J H W H P S H U D W X U H		7 V W J	a								
- X Q F W L R Q W H P S H U D W X U H		7 M	a								
' L H O H F W U L F V W U H Q J W K		9 G L V									
# 7 H U P L Q D O V W R F D V H \$ &		P L Q X W H	9								
0 R X Q W L Q J W R U T X H		7 R U	N J F P								
# 5 H F R P P H Q G W R U T X H											



PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GBU50005	GBU5001	GBU5002	GBU5004	GBU5006	GBU5008	GBU5010
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6 % <DQJJKRX <DQJMEH HENKWORDL&R /WZZZ \DQJMLH F
5HY \$SU



GBU50005 THRU GBU5010

FIG3: Typical Forward Voltage

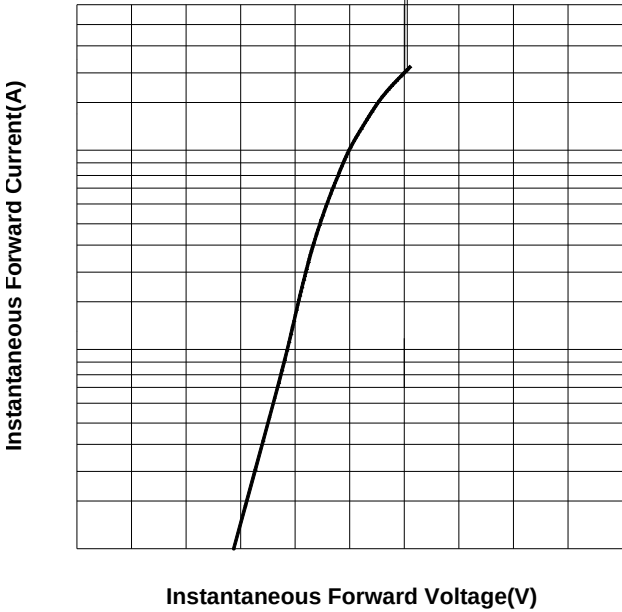
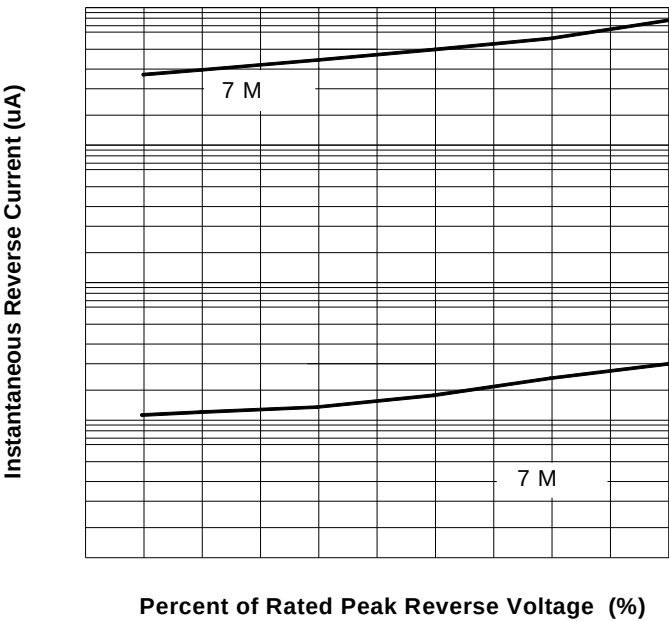


FIG4: Typical Reverse Characteristics



Outline Dimensions

GBU		
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GBU50005 THRU GBU5010

Disclaimer

7KH LQIRUPDWLRQ SURFHDQW LV IRU NLW\DI\JHQKH<RQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQJHVRZLWKRXXSKRLSURGXFWV RILWSOD\HG KHUHLQ WRGLHPSLURY
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVLGHQWRFEHTXVLSBHZLWKRURGGHLYLFWHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKKHKEJDOXHQFWOGRQLHHOLMDLGRVODQXFKU<KXP
PHGLFDO LQVWUXPHQWVITWLSQHQSVUWHHURVSDXHOHDEKWLQDFWHLQFRQQWURFODHUU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOE\WKDOLQD\EXLHLWQRUWHQSRQYEBJHVHUV
RI VDOH

7KLV SXEOLFDWLRQ SXVSHUWIDGIDLQURUPD\SLRQLSGHYLURXDGGLWLRQDO LQWRUPDWLR
KWVZZ \DQJMLHRRRFRQVXOW\RXU QHDUHVW <DQJMLHVVQVDFHOHV RILFH IRU IXUW