



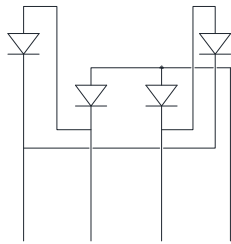
### Bridge Rectifiers

#### Features

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

#### Typical Applications

\*HQHUDO SXUSRVH XVH LQ \$& ' & EULGJH IXO  
 UHFWLILFDWLRQ IURLQ WRHQLVSRZHU 9VXSSO\ V  
 PRGH SRZHU VXSODXGIDRGE\$WLSLPHQW DQG K  
 DSSOLDQFHV DSSOLFDWLRQV



#### Mechanical Data

- " Package \*%3  
 0ROGLQJ FRPSRQ/QG PHHODVPPDELWL\  
 UDWLQJ 5R+6 FRPSOLDQW
- " Terminals 7LQ SODWHG OHDGV VROGHUDEOH S  
 - 67' DQG -(6' %
- " Polarity: \$V PDUNHG RQ ERG\

#### Maximum Ratings

PARAMETER	SYMBOL	UNIT	GBP3005	GBP301	GBP302	GBP304	GBP306	GBP308	GBP310
'HYLFH PDUNLQJ FRGH			*%3	*%3	*%3	*%3	*%3	*%3	*%3
OD[LPXP 5HSHWLWLYH 3HDN 5H95HUVH99ROWDJH									
OD[LPXP 506 9ROWDJH	9506	9							
OD[LPXP '& EORFNLQJ 9ROWDJH'	9	9							
\$YHUDJH UHFWLILHG RXWSXW FXUUHQW # +] VLQH ZDYH F5 ORDG 7									
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # +] +DOI VLQH ZDYH - F\FOH 7M									
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # PV VTXDUH ZDYH - F\FOH 7M									
	W	\$ V							
'LHOHFWULF VWUHQQJK # WHUPLQDOV WR FDVH \$&	P9QLXWH	.9							
6WRUDJH WHPSHUDWXUH	7VWJ	-				a			
-XQFWLRQ WHPSHUDWXUH	7M	-				a			



# GBP3005 THRU GBP310

## Electrical Characteristics 7D - 8QOHVV RWKHU<sup>Δ</sup>LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GBP3005	GBP301	GBP302	GBP304	GBP306	GBP308	GBP310
0D[LPXP LQVWDQW DQHRXV IRUZDUG YROWDJH GURS SHU GLRGH \$										
0D[LPXP '& UHYHUVH FXUUHQW DW UDWHG '& EORFN, EQJ YROWDJH SHU GLRGH			7M - 7M -							
7\SLFDO MXQFWLRQ FD\$DFLW DQG \$SSO&MG 5H\$HUVH 9ROWDJH RI 9' &			0HDVXUHG DW 0+] DQG \$SSO&MG 5H\$HUVH 9ROWDJH RI 9' &							

## Thermal Characteristics 7D - 8QOHVV RWKHU<sup>Δ</sup>LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	GBP301	GBP302	GBP304	GBP306	GBP308	GBP310
7KHUPDO DPPELHQW 5HVLVWDQFH %HWZHHQ MXQFWLRQ DQG DQG &DVH									

**GBP3005 THRU GBP310**

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