



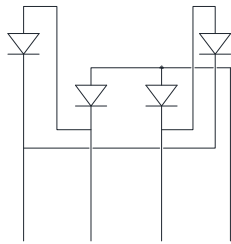
Bridge Rectifiers

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 VXSODXGIDG E\$ 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^ΔLVH 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 7M - DW UDWHG '& EORFN, EQJ YROWDJH SHU GLRGH										
7\SLFDO MXQFWLRQ FD\$DFLW DQG \$SSO&MG 5H\$HUVH 9ROWDJH RI 9' &										

Thermal Characteristics 7D - 8QOHVV RWKHU^ΔLVH VSHFLILHG

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

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