



Bridge Rectifiers

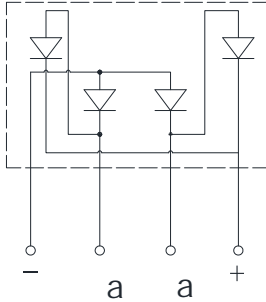


Features

- " 8/ UHFRJQILWHRQ
- " *ODVV SDVVLYDWHG FKLS MXQFWLRQ
- " 7KLQ VLQJOH LQ OLQH SDFNDJH
- " +LJK VXUJH FXUUHQW FDSDELQW\
- " 6ROGHU GLS y & SHUJ -(6' %

Typical Applications

*HQHUDO SXUSR VH XGJHUXQ & ZDYH UHFHFWLIL
 PRQLWRU 79 SULQWHU SRZHU VXSSO\ VZL
 QFHV DSSOLFHWLR



Package - &

0ROGLQJ FRPSRQ/QG PHHWDPPDELQW\
 UDWLQJ 5R DQWRPSOLR JHQ IUHH

Terminals

7LQ SODWHG OHQGV VROGHUDEOH S

- 67' DQG -(6' %

Polarity: \$V PDUNHG RQ ERG\

Maximum Ratings

PARAMETER	SYMBOL	UNIT	D10JC05	D10JC10	D10JC20	D10JC40	D10JC60	D10JC80	D10JC100
'HYLFH PDUNLQJ FRGH			' -&	' -&	' -&	' -&	' -&	' -&	' -&
OD[LPXP 5HSHWLWLYH 3HDN 5HY9506 9ROWDJH									
OD[LPXP 506 9ROWDJH	9506	9							
OD[LPXP '& EORFNLQJ 9ROWDJH 9'&		9							
\$YHUDJH UHFHFWLILHG 7RXWSXW FXUUHQW \$ # +] VLQH ZDYH 5:ORRFXW KHDWVVLQN 7D -									

)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH

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D10JC05 THRU D10JC100

Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	D10JC05	D10JC10	D10JC20	D10JC40	D10JC60	D10JC80	D10JC100
0D[LPXP LQVWDQW IRUZDUG YROWDJH	DQHRXV GURS SHU	9	GLRGH \$							
0D[LPXP '& UHYHUVH FXUHQW DW UDWHG '& EORFNLSJJ YROWDJH SHU GLRGH			7M - 7M -							
7\SLFDO MXQFWLRQ FDSDFLW			0HDVXUHG DW 0+] DQHS\$SSO&MG 5HSJHUVH 9ROWDJH RI 9' &							

Thermal Characteristics

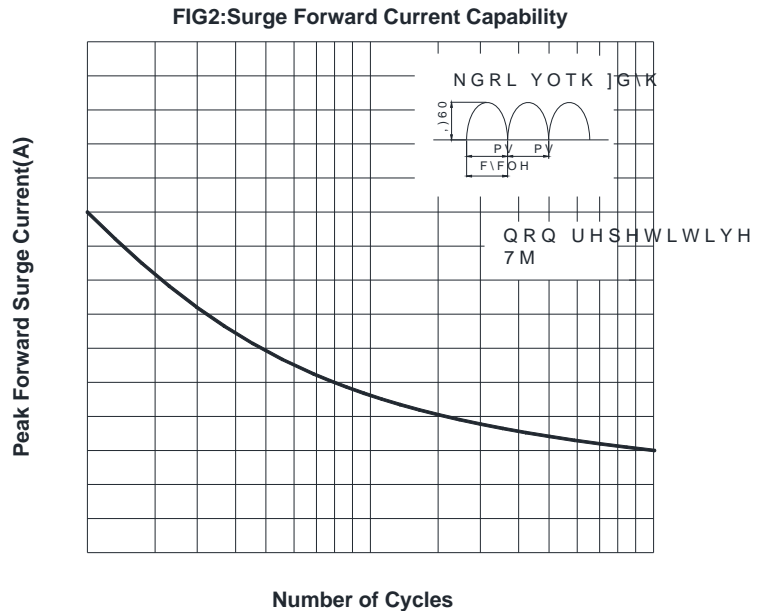
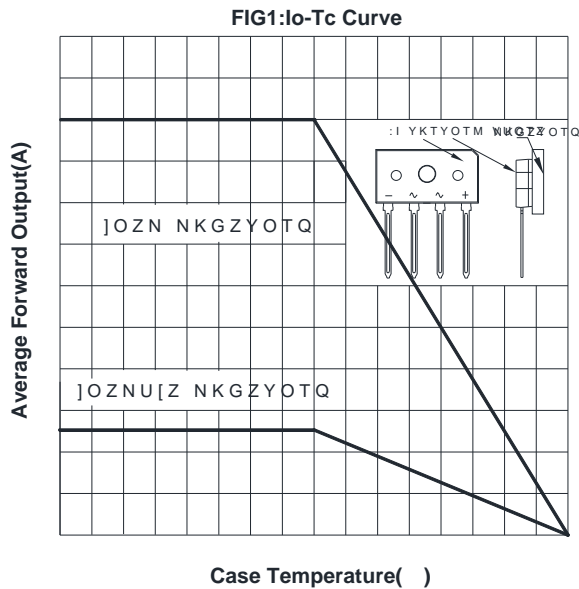
PARAMETER	SYMBOL	UNIT	D10JC05	D10JC10	D10JC20	D10JC40	D10JC60	D10JC80	D10JC100
7KHUPDQLWKRXW KHDWVLRQ									
5HVLVWDOFWZHHQ MXQFWLRQ FDSDFLW :LWK KHDWVLRQ									

1RWH 'HYLFHRRXQWHG PP [\$PXPLQXP 3DWN +HDW

Ordering Information

PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
' -& a ' -&	%	\$SSUR[LPDWH				
' -& a ' -&	\$	\$SSUR[LPDWH				

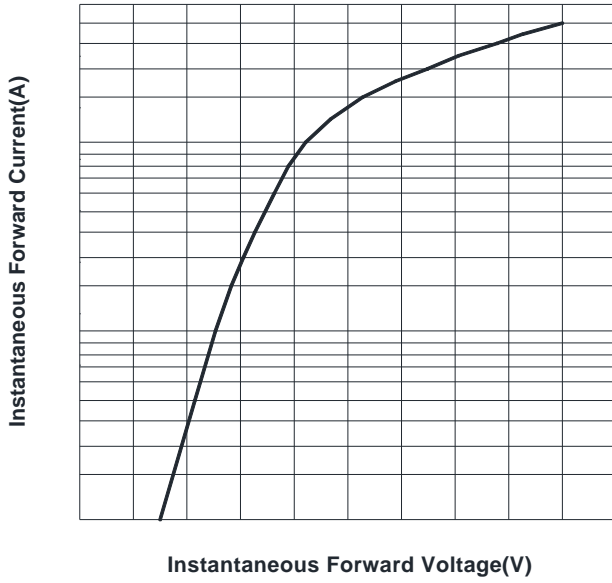
Characteristics





D10JC05 THRU D10JC100

FIG3: Typical Forward Voltage



•8 ~ ha%o h9 -

v Outline Dimensions

JC		
Dim	Min	Max
\$		
%		
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'		
(
)		
+		
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-		
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/		
0		



D10JC05 THRU D10JC100

Disclaimer

7KH LQIRUPDWLRQ SGRFWRUHQW LQ IRXVLVHDIHQKRXRQMLH (OHFWURQLF 7HFKQRO