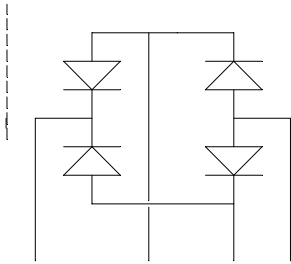




Bridge Rectifiers

Features

- " 8/ UHFRJQILWHRQ
- " *ODVV SDVVLYDWHG FKLS MXQFWLRQ
- " 7KLQ VLQJOH LQ OLQH SDFNDJH
- UÀ ÁôTpp P7"v OEDWLRQ DSSOLFDWLRQV



Mechanical Data

- " Package - %
0ROGLQJ FRPSRQGG PHHWDPPDELOLW\ UDWLQJ 5RDOWRP+DOLRJHQ IUHH
- " Terminals 7LQ SODWHG OHDGV VROGHUDEOH S - 67' DQG -(6' %
- " Polarity: \$V PDUNHG RQ ERG\

Maximum Ratings

PARAMETER	SYMBOL	UNIT	D8JB05	D8JB10	D8JB20	D8JB40	D8JB60	D8JB80	D8JB100
'HYLFH PDUNLQJ FRGH				' - %	' - %	' - %	' - %	' - %	' - %
0D[LPXP 5HSHWLWLYH 3HDN 5H950VH 9ROWDJH									
0D[LPXP 506 9ROWDJH	9506	9							
0D[LPXP '& EORFNLQJ 9ROWDJH9'&		9							
\$YHUDJH 5HFWL :LWK KHDWVLLQN &XUUHQW # +] VLQH ZDYH - F\FOH 7M 5 ORDG	LWK KHDWVLLQN LWK 2XWSXW VLQH ZDYH - :LWKRXX KHDWVLLQN 7D -	\$							
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # +] +DOI VLQH ZDYH - F\FOH 7M		\$							
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # PV VTXDUH ZDYH - F\FOH 7M		\$							
&XUUHQW VTXDUHG WLPH # PV"W" PV 7MDWLQJ RI SHU G'LRGH \$6		\$6							
6WRUDJH WHPSHUDWXUH	7VWJ	-				a			
-XQFWLRQ WHPSHUDWXUH	7M	-				a			
'LHOHFWULF VWUHQJWK # 7HUPLQDOV WR FDVH \$&	9GLV PLQXWH	.9							
ORXQWLQJ WRUTXH # 5HFRPPHQG QVNUFXH	7RU	NJ FP							



D8JB05 THRU D8JB100

Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	D8JB05	D8JB10	D8JB20	D8JB40	D8JB60	D8JB80	D8JB100
Forward Current	I_F	A	DC	100	100	100	100	100	100	100
Reverse Current	I_R	μA	DC	10	10	10	10	10	10	10
Forward Voltage	V_F	V	DC, $I_F = 100$ mA	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Reverse Voltage	V_R	V	DC	5	5	5	5	5	5	5
Power Dissipation	P_D	W	DC, $T_C = 25^\circ\text{C}$	0.5	0.5	0.5	0.5	0.5	0.5	0.5

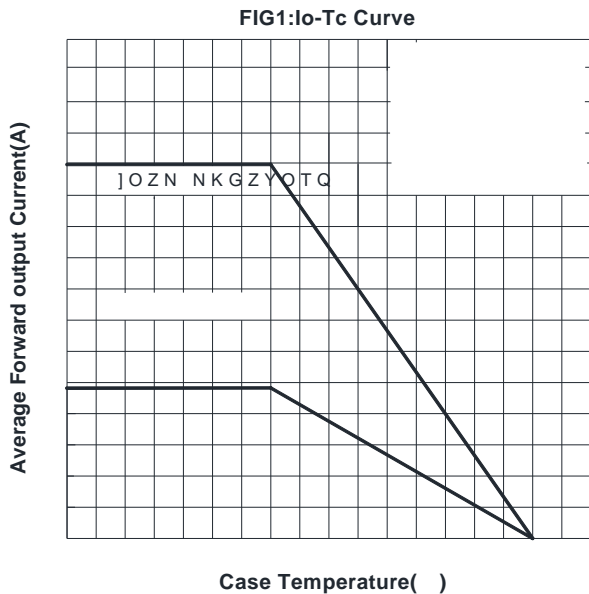
Thermal Characteristics

PARAMETER	SYMBOL	UNIT	D8JB05	D8JB10	D8JB20	D8JB40	D8JB60	D8JB80	D8JB100
Thermal Resistance, Junction-Case	θ_{JC}	$^\circ\text{C}/\text{W}$	10	10	10	10	10	10	10
Thermal Resistance, Junction-Ambient	θ_{JA}	$^\circ\text{C}/\text{W}$	100	100	100	100	100	100	100

Ordering Information

PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
D8JB05	05	0.15	1000	100	1000	Standard

Characteristics





D8JB05 THRU D8JB100

FIG3: Typical Forward Voltage



v Outline Dimensions

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Dim	Min	Max
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D8JB05 THRU D8JB100

Disclaimer

7KH LQIRUPDWLRQ V GHVFHQW LQ WKH LQJHQJLKRQF HDUHQJLQZHF (HGHFVRUR QLF /VHG UHV
ULJKW WR PDNLWKRDXW LQVLSH FIIW RLVSLRQG R FWWV GLV SPSDURYGHKUHUGLDEWGLWV L JQQ F
RU RWKHU ZLVH

7KH SURGXFW QLV GHV LKJHQJL WR EH HXWVHG ZLWK R R H G X Q S P H Q W RU GHYLFH W K D Q G Q
HTXLSPHQW RU GHYLFHV ZKLFK UHTXW KHKE DIO IZLWV L R X I H G G D E H C H W K D P K Q D O L I H
PHGLFDO LQVWUXQMSRUWHDWLRQHUTRXLSPH R X F K I H D U U H D F W R H D F F R Q W U R R O O H W V D Q
GHYLFHV <DQJMLHVRV HOKBQH BQVXRIV VARRWHOSBRLVLEWVROVDLQJGIDRPPJMMFK LP
RI VDOH

7KLV SXEOLFDFWLRQ SVXSSHUW HGHV 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 [ESZ](#) [\DQJMLHRRR](#) FRQVXOW \RXU QH DUH VW <DQJMLHVMVQVDFHOHV RILFH IRU IXUW