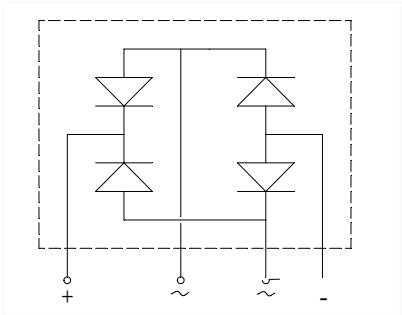
Bridge Rectifiers



Features

- UL recognition, file #E230084
- Glass passivated chip junction
- Thin single in-line package
- High surge current capability
- Solder dip 275 °C max. 7 s, per JESD 22-B106

Typical Applications

General purpose use in AC/DC bridge full wave rectification for switching power supply, home appliances, office equipment, industrial automation applications.

Mechanical Data

- **Package**: JB
  Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, Halogen free
- **Terminals**: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** As marked on body

■Maximum Ratings (T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	D6JB05	D6JB10	D6JB20	D6JB40	D6JB60	D6JB80	D6JB100
Device marking code			D6JB05	D6JB10	D6JB20	D6JB40	D6JB60	D6JB80	D6JB100
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	V_{RMS}	V	35	70	140	280	420	560	700
Maximum DC blocking Voltage	V_{DC}	V	50	100	200	400	600	800	1000

Average Rectified Output
Current @60Hz sine wav Current2Squared time
@1ms≤t≤8.3ms Tj=25 ,rating of per diode I

	^2t	A^2S	62.5
Storage temperature	T_{stg}		-55 ~ +150
Junction temperature	T_j		-55 ~ +150
Dielectric strength @ Terminals to case, AC 1 minute	V_{dis}	KV	2
Mounting torque @Recommend torque 5kg cm	Tor	kg cm	8

■**Electrical Characteristics** T_a

e Dimensions

JB		
Dim	**Min**	**Max**
A	24.7	25.3
B	11.4	12.0
C	10.0	10.6
D	0.9	1.1
E	1.75(MAX)	
F	7.3	7.7
G	3.9	4.5
H	2.9	3.9
I	3.1	3.4
J	5.4	6.0
K	2.0	2.6
L	0.4	0.6
M	2.1	2.3
N	14.6	15.2

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