



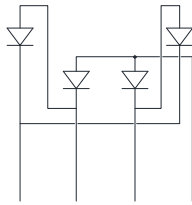
## Bridge Rectifiers

### 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:** JA
- 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<sub>a</sub>=25 Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	D6JA05	D6JA10	D6JA20	D6JA40	D6JA60	D6JA80	D6JA100
Device marking code			D6JA05	D6JA10	D6JA20	D6JA40	D6JA60	D6JA80	D6JA100
Maximum Repetitive Peak Reverse Voltage	VRRM	V	50	100	200	400	600	800	1000

Maximum RMS Voltage

Current squared time @1ms t 8.3ms T <sub>j</sub> =25 ,rating of per diode	I <sup>2</sup> t	A <sup>2</sup> S	127						
Storage temperature	T <sub>stg</sub>		-55 ~ +150						
Junction temperature	T <sub>j</sub>		-55 ~ +150						
Dielectric strength @ Terminals to case, AC 1 minute	V <sub>dis</sub>	KV	2						
Mounting torque @Recommend torque 5kg cm	Tor	kg cm	8						



# D6JA05 THRU D6JA100

Electrical Characteristics  $T_a=25$  Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	D6JA05	D6JA10	D6JA20	D6JA40	D6JA60		D6JA100
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# D6JA05 THRU D6JA100

FIG3: Typical Forward Voltage

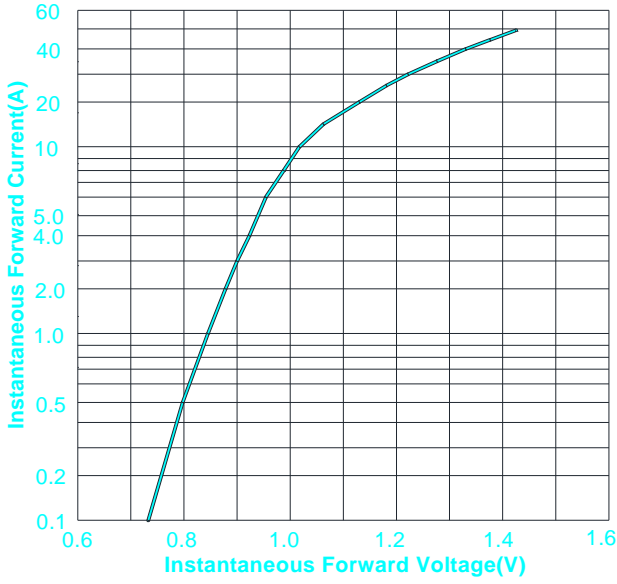
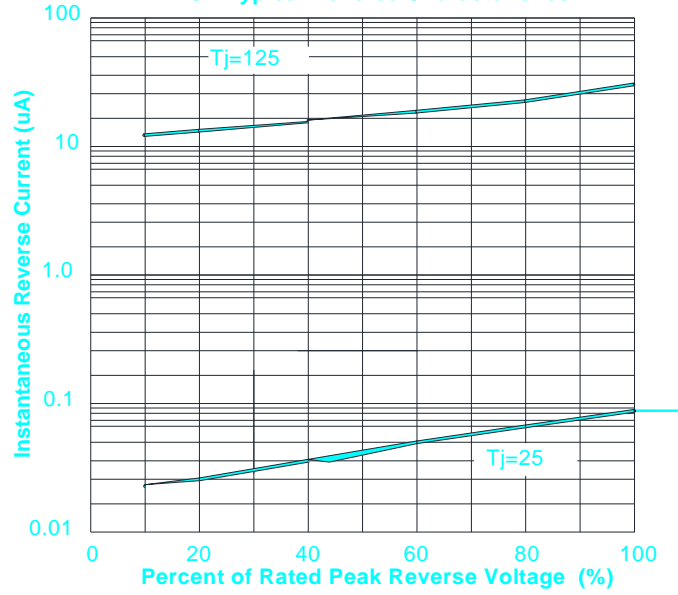
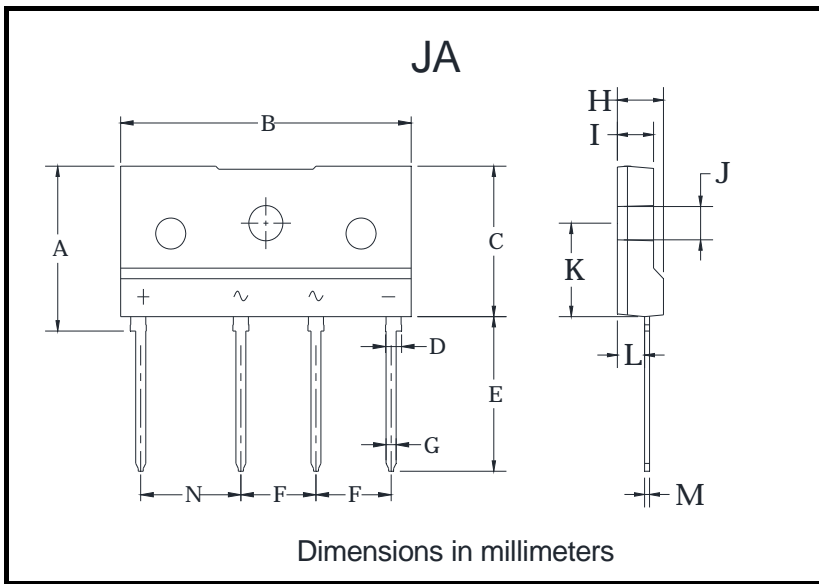


FIG4: Typical Reverse Characteristics



## Outline Dimensions



JA		
Dim	Min	Max
A	15.6	16.2
B	28.7	29.3
C	14.2	14.8
D	1.5	1.7
E	14.6	15.2
F	7.3	7.7
G	0.9	1.1
H	4.3	4.9
I	3.3	3.9
J	3.1	3.4
K	8.7	9.3
L	2.5	2.9
M	0.4	0.6
N	9.8	10.2



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