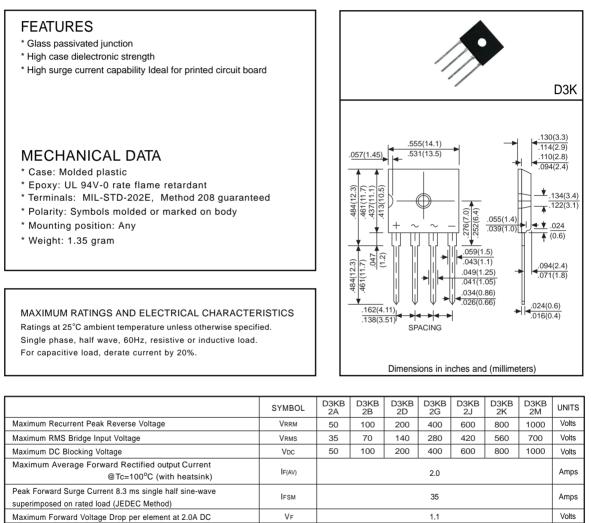
# DC COMPONENTS CO., LTD. D3KB2A RECTIFIER SPECIALISTS THRU D3KB2M

# TECHNICAL SPECIFICATIONS OF SINGLE-PHASE GLASS PASSIVATED BRIDGE RECTIFIER

### VOLTAGE RANGE - 50 to 1000 Volts

#### CURRENT - 2.0 Amperes



Maximum DC Reverse Current at Rated

Typical Thermal Resistance without heatsink

Typical Thermal Resistance without heatsink

Typical Thermal Resistance with heatsink

DC Blocking Voltage per element

I<sup>2</sup>t Rating for Fusing (t<8.3ms)

Operating Temperature Range

Storage Temperature Range

μAmps

A<sup>2</sup>Sec

<sup>0</sup>C/W

°C/W

°C

°C

10

500

14.94

55

1.5

15

-55 to +150

-55 to +150

IR

 $I^2t$ 

RθJA

R<sub>θ</sub>JC

RØJL

TJ

Тѕтс

 $@T_{J} = 25^{\circ}C$ 

@TJ = 125°C

# RATING AND CHARACTERISTIC CURVES (D3KB2A THRU D3KB2M)

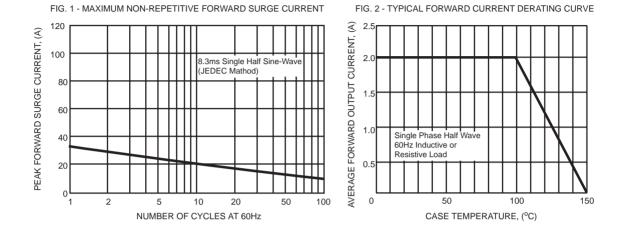


FIG. 3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

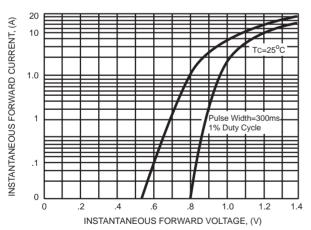
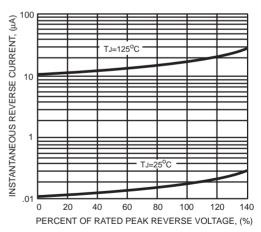


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS



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