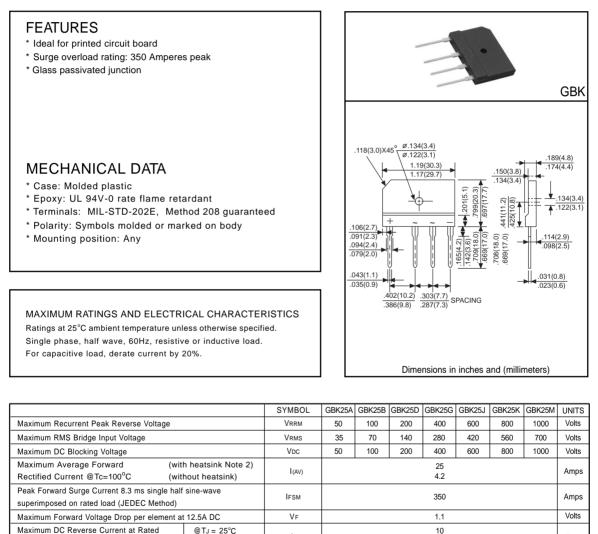
DC COMPONENTS CO., LTD.GBK25ARECTIFIER SPECIALISTSTHRUGBK25M

TECHNICAL SPECIFICATIONS OF SINGLE-PHASE GLASS PASSIVATED BRIDGE RECTIFIER

VOLTAGE RANGE - 50 to 1000 Volts

CURRENT - 25 Amperes



DC Blocking Voltage per element

Typical Junction Capacitance (Note1)

Typical Thermal Resistance (Note 2)

NOTES : 1.Measured at 1 MHz and applied reverse voltage of 4.0 volts

I²t Rating for Fusing (t<8.3ms)

Operating Temperature Range

Storage Temperature Range

μAmps

A²Sec

pF

°C/W

°C

°C

500

510

85

0.6

-55 to +150

-55 to +150

IR

1²t

CJ

RθJC

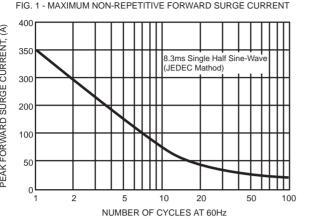
ТJ

Тѕтс

@TJ = 125°C

2.Thermal Resistance from Junction to Case per element Unit mounted on 100x100x1.6mm Cu plate heat-sink.

RATING AND CHARACTERISTIC CURVES (GBK25A THRU GBK25M)



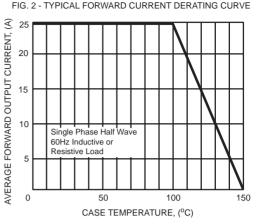
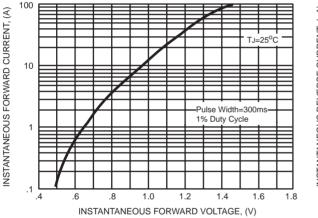
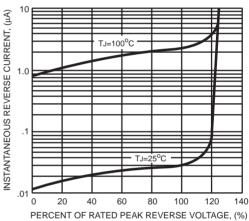
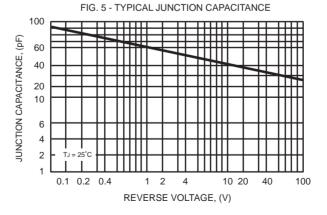


FIG. 3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS FIG. 4 - TYPICAL REVERSE CHARACTERISTICS







PEAK FORWARD SURGE CURRENT, (A)

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