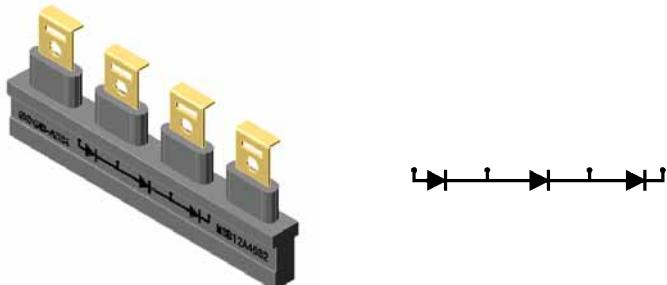


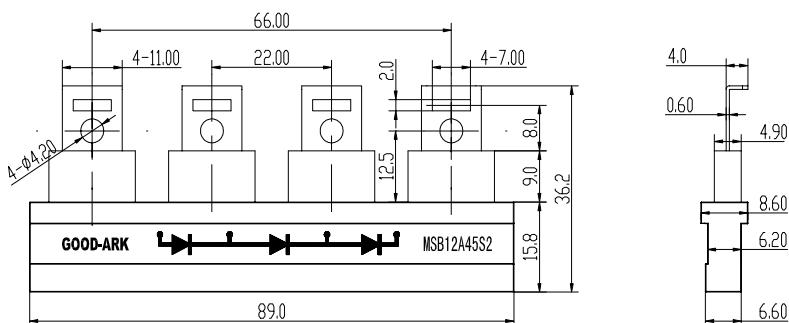
Bypass Diode Module for Solarcell (Schottky Barrier Diode Type)

**Reverse Voltage 45V
Forward Current 12A**



Outline Drawing

internal schematic diagram



Dimensions in millimeters

Features

- Low thermal resistance
 - Low forward voltage drop, low power loss
 - Compact outline design
 - Excellent anti-humidity
 - High current capability
 - High forward surge capability
 - RoHS compliance

Mechanical Data

Case: plastic body

Terminals: Sn plated leads

Typical Applications

For use in solar cell junction box
as bypass diodes for protection,
using DC forward current
without reverse bias

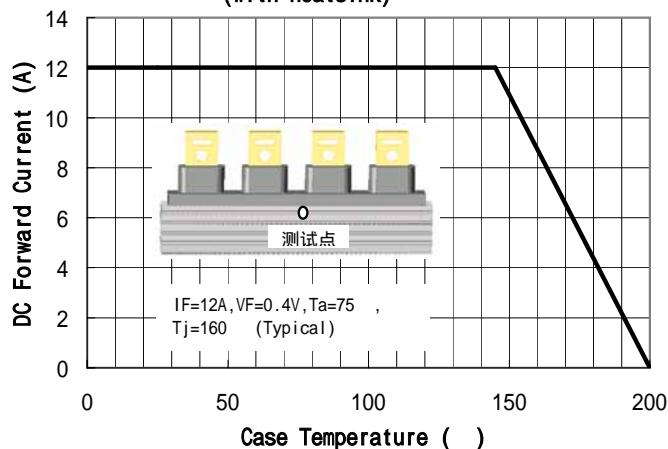
Maximum Ratings & Electrical Characteristics

at 25 °C ambient temperature unless otherwise specified

Ratings & Characteristics Curves

(Ta=25 unless otherwise noted)

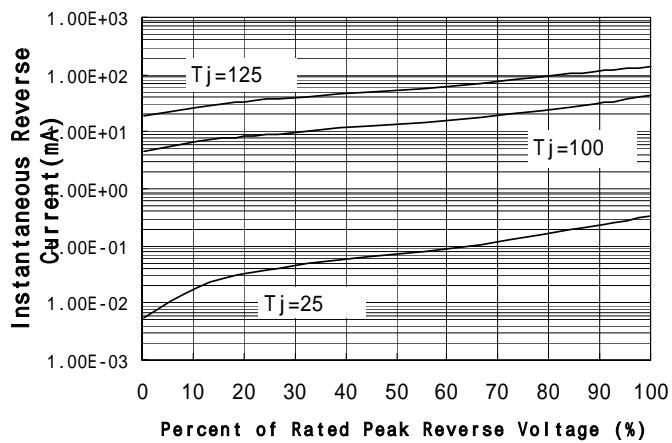
**Forward Current Derating
(with heatsink)**



Notes:

Mounted on junction box
Using DC forward current

Typical Reverse Characteristics



Typical Forward Characteristics

