

Rev.A Aug.-2022

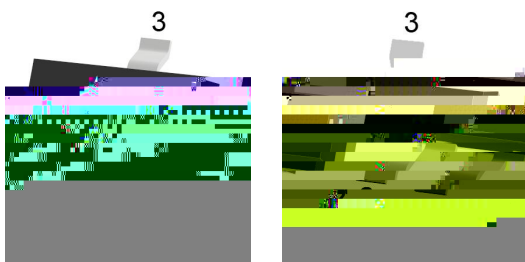
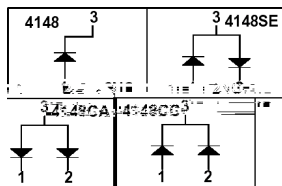
S T-23

Silicon Diode in a SOT-23 Plastic Package.

#### AEC-Q101

Fast Switching, High Conductance, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

Small signal diode, Meet the stringent requirements of automotive applications.

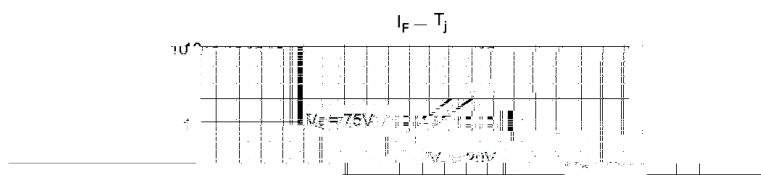
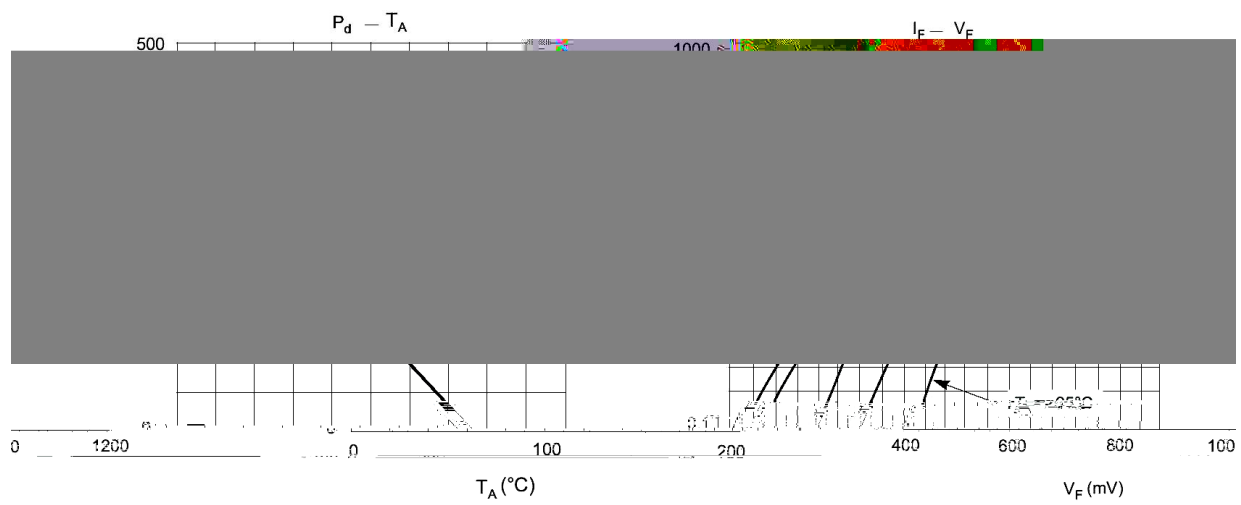


PIN: See Equivalent Circuit.

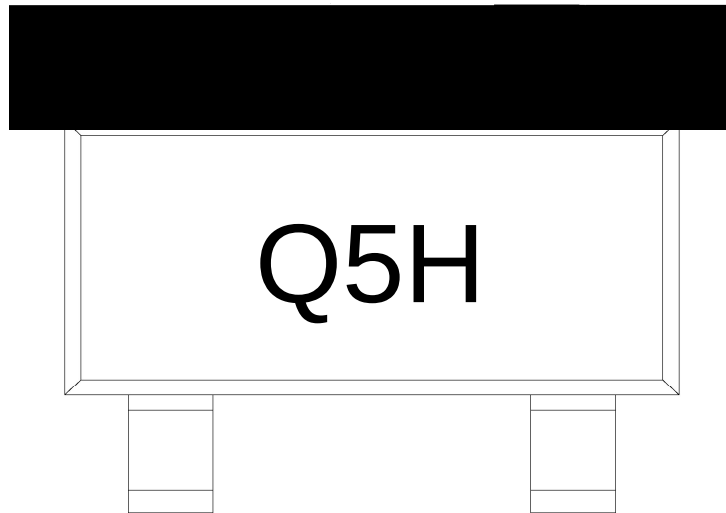
| Type    | BRMMBD4148Q | BRMMBD4148SEQ | BRMMBD4148CCQ | BRMMBD4148CAQ |
|---------|-------------|---------------|---------------|---------------|
| Marking | Q5H         | QD4           | QD5           | QD6           |



| Parameter                                 | Symbol      | Rating | Unit |
|-------------------------------------------|-------------|--------|------|
| Repetitive Reverse Voltage                | $V_{RRM}$   | 100    | V    |
| Average Rectified Forward Current         | $I_{F(AV)}$ | 200    | mA   |
| Non-repetitive Peak Forward Surge Current |             |        |      |



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Note:

5H:      Product Type

the 1990s, the number of people in the UK who are employed in the public sector has increased by 1.5 million (from 2.5 million in 1980 to 4 million in 1995). The public sector has also become an important employer of women, with 4.5 million women employed in the public sector in 1995, compared with 3.5 million in 1980.

There are a number of reasons why the public sector has become an important employer of women. One reason is that the public sector has become an important provider of social services, such as health care, education, and social housing. These services are often provided by women, and this has led to an increase in the number of women employed in the public sector.

Another reason is that the public sector has become an important provider of social security benefits. These benefits are often paid to women, and this has led to an increase in the number of women employed in the public sector. For example, the public sector provides social security benefits to women who are on sick leave, and this has led to an increase in the number of women employed in the public sector.

A third reason is that the public sector has become an important provider of social services, such as health care, education, and social housing. These services are often provided by women, and this has led to an increase in the number of women employed in the public sector. For example, the public sector provides health care services to women, and this has led to an increase in the number of women employed in the public sector.

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