





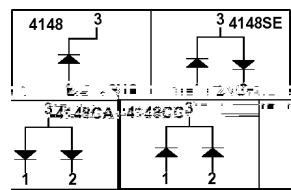
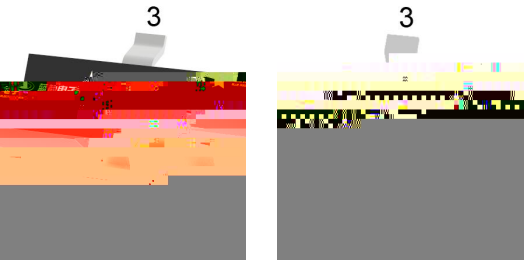
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S T-23  
Silicon Diode in a SOT-23 Plastic Package.

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.



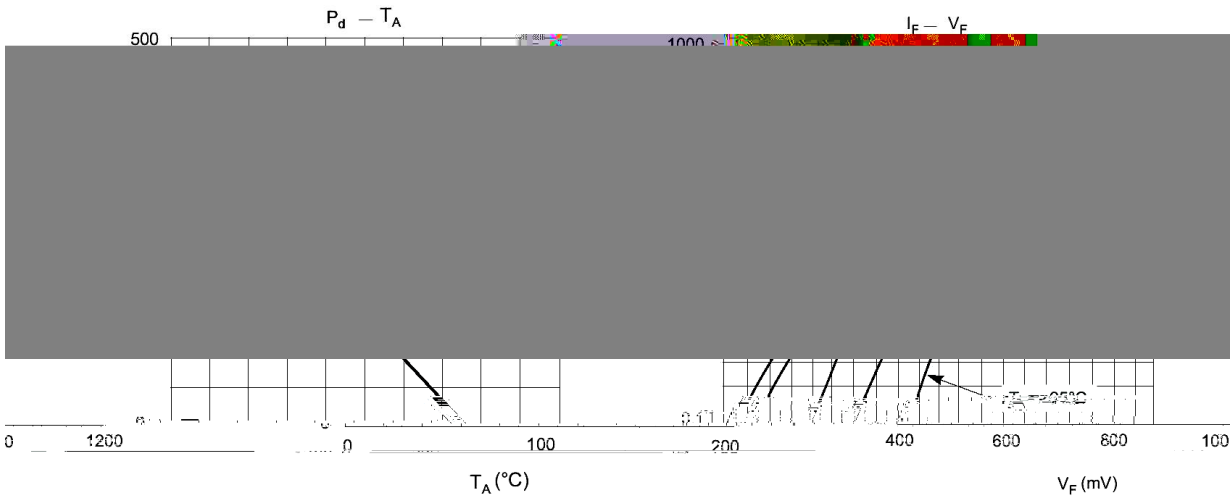
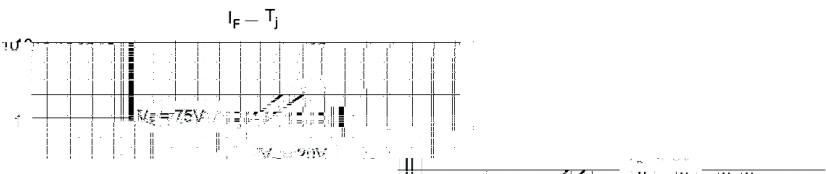
PIN: See Equivalent Circuit.

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

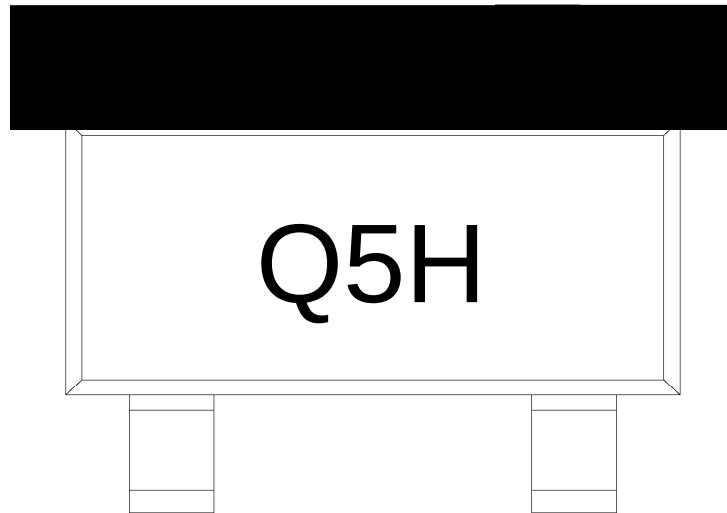


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| Parameter                                 | Symbol      | Rating | Unit |
|-------------------------------------------|-------------|--------|------|
| Repetitive Reverse Voltage                | $V_{RRM}$   | 100    | V    |
| Average Rectified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



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Q

5H

Note:

Q: Automobile halogen-free product Code

5H: Product Type

