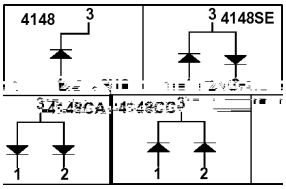
S T-23

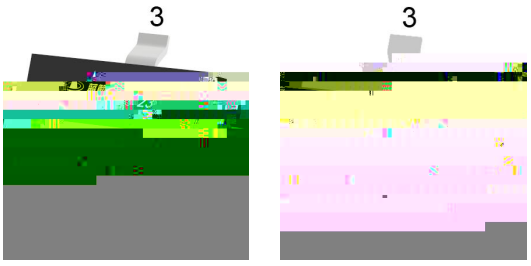
Silicon Diode in a SOT-23 Plastic Package.

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.

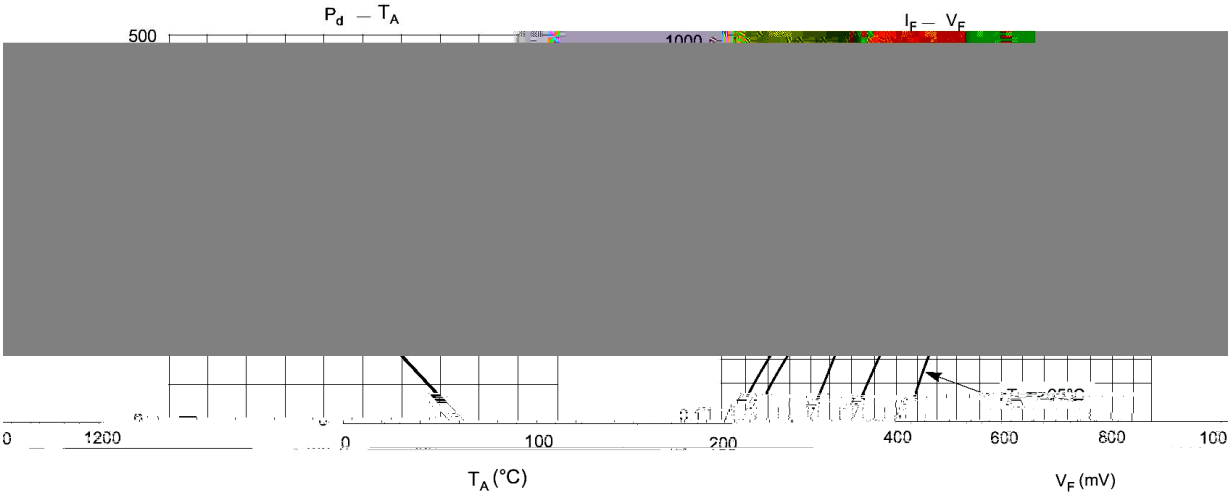


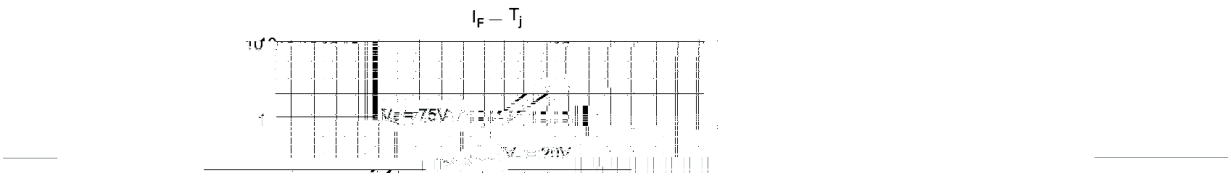


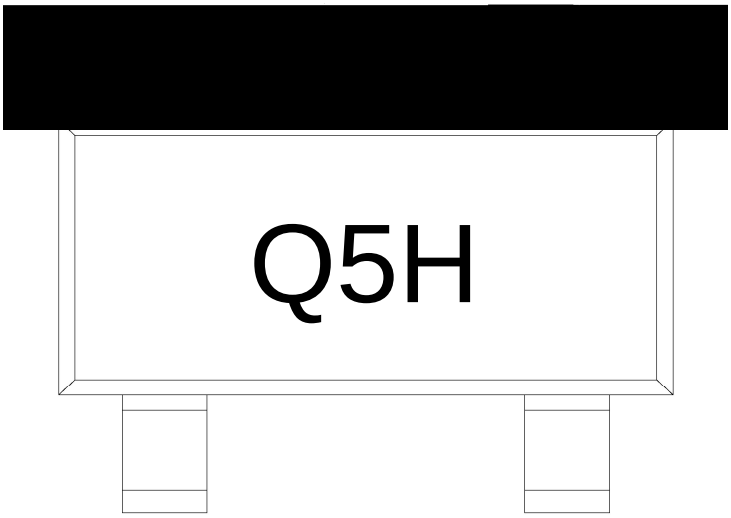
PIN: See Equivalent Circuit.

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			


P_d — T_A
500
0
1200
T_A (°C)
I_F — V_F
1000
0
100
200
400
600
800
100
V_F (mV)


I_F — T_j



Q

5H

Note:

Q: Automobile halogen-free product Code

5H: Product Type