

BRMMBD4148Q/SEQ

/ Descriptions

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

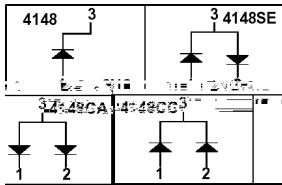
/ Features

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

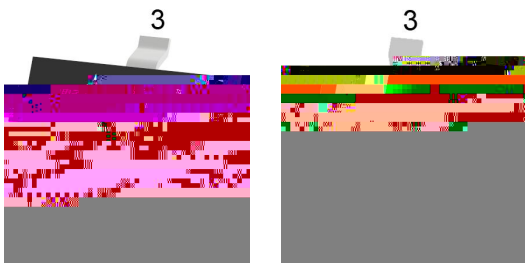
/ Applications

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

/ Equivalent Circuit



/ Pinning



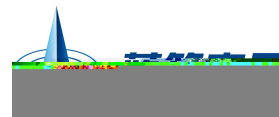
PIN: See Equivalent Circuit.

/ Marking

Type	BRMMBD4148Q	BRMMBD4148SEQ	BRMMBD4148CCQ	BRMMBD4148CAQ
Marking	Q5H	QD4	QD5	QD6

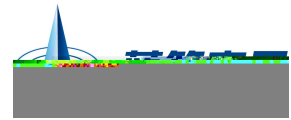
BRMMBD4148Q/SEQ/CCQ/CAQ

Rev.A Aug.-2022

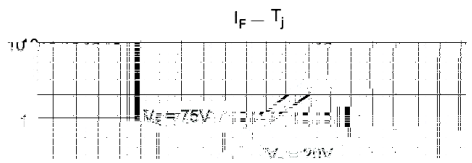
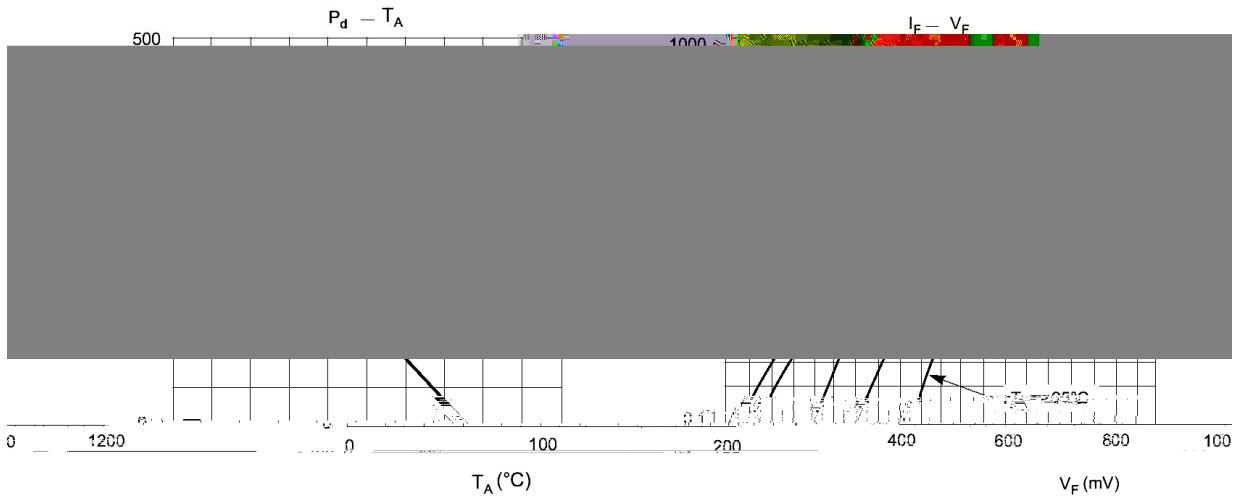


DATA SHEET

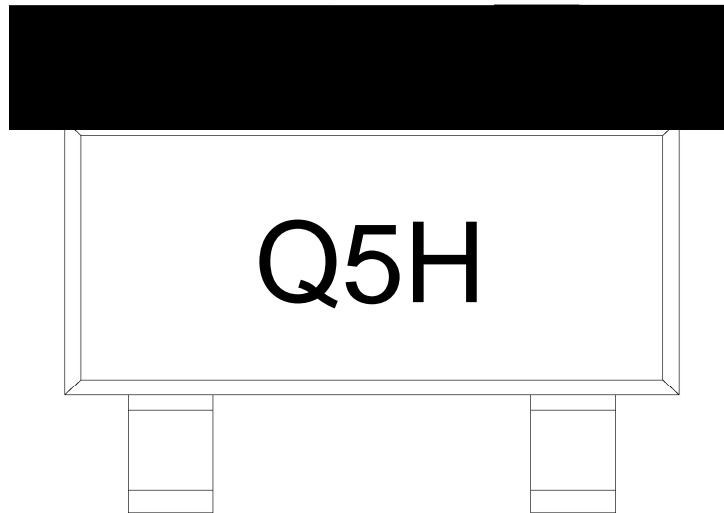
Parameter	Symbol	Rating	Unit
Repetitive Reverse Voltage	V_{RRM}	100	V
Average Rectified Forward Current	$I_{F(AV)}$	200	mA
Non-repetitive Peak Forward Surge Current			



/ Electrical Characteristic Curve



/ Marking Instructions



Q

5H

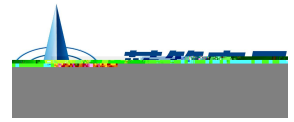
Note:

Q: Automobile halogen-free product Code

5H: Product Type

D4148Q/SEQ/CCQ/CAQ

-2022



DATA SHEET

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