/ Descriptions

SOT-323 Silicon Diode in a SOT-323 Plastic Package.

/ Features

AEC-Q101

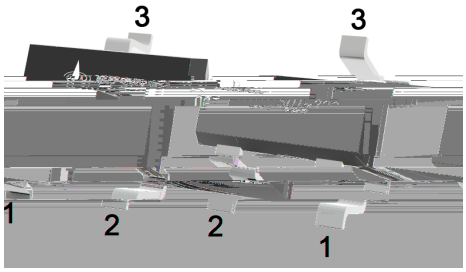
Small signal diode, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

/ Applications

High Conductance Ultra Fast Diode, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit

/ Pinning



PIN: See Equivalent Circuit.

/ Marking

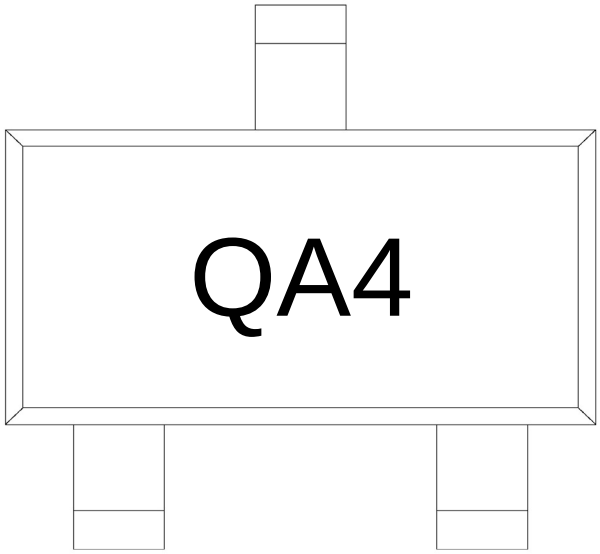
Marking	QA4

Parameter	Symbol	Rating	Unit
Maximum Repetitive Reverse Voltage	V_{RRM}	75	V
Breakdown Voltage	V_R	70	V
Average Rectified Forward Current	$I_{F(AV)}$	200	mA
Non-repetitive Peak Forward Surge Current	$I_{FSM(1)(pulse\ width=1.0S)}$	1.0	A
	$I_{FSM(2)(pulse\ width=1.0mS)}$	2.0	A
Power Dissipation	P_D	350	mW

24407.275.36.46 571.04 .47.5 64.32 557.4803 Tm.4810.365w( )Tj/Tw[verag)-5.pul)8.3()-5.3(ent4(d15)5A)2.6(V)5f9.9-8780 0 7.0

BRBAV70WAQ

/ Marking Instructions



Q

A4

Note:

Q: Automobile halogen-free product Code

A4: Product Type Code