

Rev.A Apr.-2023

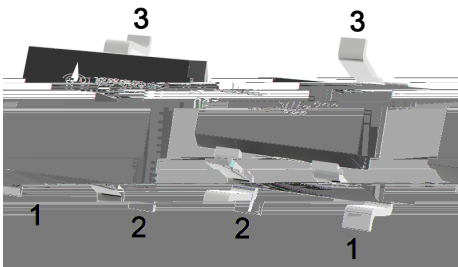
SOT-323

Silicon Diode in a SOT-323 Plastic Package.

AEC-Q101

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

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



PIN: See Equivalent Circuit.

Marking	QA4
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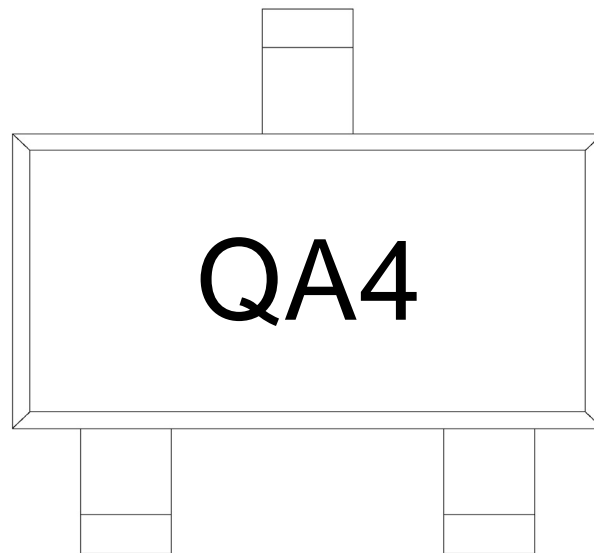
Parameter	Symbol	Rating	Unit
Maximum Repetitive Reverse Voltage	$V_{RRM}$	75	V
Breakdown Voltage	$V_R$	70	V
Average Rectified Forward Current	$I_{F(AV)}$	200	mA
Non-repetitive Peak Forward Surge Current	$I_{FSM(1)}$ (pulse width=1.0S)	1.0	A
	$I_{FSM(2)}$ (pulse width=1.0mS)	2.0	A
Power Dissipation	$P_D$	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

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Q

A4

Note:

Q: Automobile halogen-free product Code

A4: Product Type Code

