

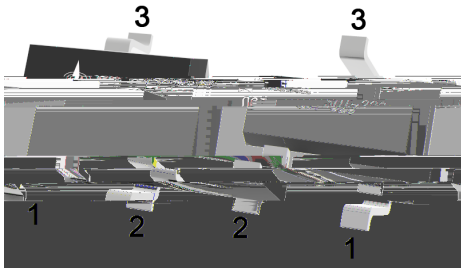
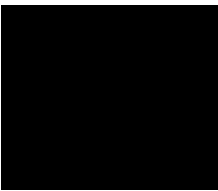
VRW0656 M M $\propto M \gamma^2$ || 1 Silicon Diode in a SOT-323 Plastic Package.

у ч н і ї VPG M і Æ H ŷ ð і л г б џ я ѝ ѹ Š Ě џ я * б Š Ě џ ll z і ү т
DHF0T434 %' і ó ð і ñ ф β

Very small plastic SMD package, High switching speed, High Continuous reverse and Repetitive peak reverse voltage, High Repetitive peak forward current, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

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Applications for High-speed switching, surface mounted circuits, Meet the stringent requirements of automotive applications.



PIN: See Equivalent Circuit.

Marking	QA7
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@ f Parameter	... Z Symbol	f > Rating	% y Unit
Repetitive Reverse Voltage	V _{RRM}	85	V
Continuous reverse voltage	V _R	75	V
Continuous forward current	I _{F(1)}	150	mA
	I _{F(2)}	130	mA
Repetitive peak forward current	I _{FRM}	500	mA
Non-repetitive Peak Forward Current	I _{FSM(1)(t=1 S)}	0.5	A
	I _{FSM(2)(t=1 mS)}	1.0	A
	I _{FSM(3)(t=1 S)}	4.0	A
Power Dissipation	P _D	200	mW
Junction Temperature	T _j	150	
Storage Temperature Range			

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ø □ =) ¢ / Package Dimensions

BRBAV99WAQ

šWD t...•Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

a ç y

Note:

- 1o• Ä ½ “ † 150 ½200 - k ž • 60 ½120sec;
- 2o• Q › “ † 255 r5 - k ž • 4 Ò 5 r0.5sec;
- 3o•D N ò i Ò 0 , † 2 ½10 - /sec.
- 1.Preheating:150~200 - , Time:60~120sec.
- 2.Peak Temp.:255 r5 - , Duration:5 r0.5sec.
3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Resistance to Soldering Heat Test Conditions

“ † y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type

Units ;>û !H

Dimension ;>û p . (unit Åmm³

7>û ~ E