

5 é / Descriptions

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Surface Mount Schottky Barrier Rectifiers, Reverse Voltage y 20 to 200V ,Forward Current:5.0A ,SMB package.

α a / Features

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Low power loss, high efficiency k High forward surge current capability, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications,HF Product.

Đ ÷ / Applications

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General purpose.

Ã W] Ô · / Equivalent Circuit

• Ů - æ / Pinning

, M V / Marking

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See Marking Instructions.

@ f Parameter	... Z Symbol	f > Rating								% y Unit
		SS52 BMA	SS54 BMA	SS56 BMA	SS58 BMA	SS510 BMA	SS512 BMA	SS515 BMA	SS520 BMA	
Maximum Repetitive Peak Reverse Voltage	V _{RRM}	20	40	60	80	100	120	150	200	V
Maximum RMS voltage	V _{RMS}	14	28	42	56	70	84	105	140	V
Maximum DC Blocking Voltage	V _{DC}	20	40	60	80	100	120	150	200	V
Maximum Average Forward Rectified Current @ Fig.1	I _{F AAV A}	5.0								A
Peak Forward Surge Current,8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	I _{FSM}	100								A
Peak Forward Surge Current,1.0ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	I _{FSM}	200								A

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Ō ? d • Ž ¢ / Electrical Characteristic Curve

Ø □ =) ¢ / Package Dimensions

, M y f / Marking Instructions

SS52A

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Note:
9 9 ' y Product Type Code
**** y Lot No. Code, code change with Lot No

Marking

Type number	Marking code
SS52BMA	SS52A
SS54BMA	SS54A
SS56BMA	SS56A
SS58BMA	SS58A
SS510BMA	SS510A
SS512BMA	SS512A
SS515BMA	SS515A
SS520BMA	SS520A

SS52BMA~SS520BMA