MA3Z793 (MA793)

Silicon epitaxial planar type

For super high speed switching

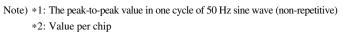
For small current rectification

Features

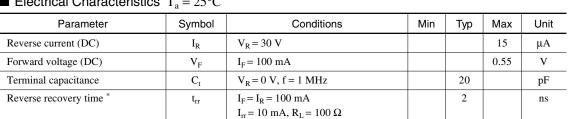
- Two MA3Z792 (MA792) is contained in one package (series connection)
- $I_{F(AV)} = 100$ mA rectification is possible
- Optimum for high frequency rectification because of its short reverse recovery time (t_{rr})
- Low forward voltage V_F and good rectification efficiency
- S-Mini type 3-pin package

Parameter		Symbol	Rating	Unit
Reverse voltage (DC)		V _R	30	V
Repetitive peak reverse-voltage		V _{RRM}	30	V
Peak forward	Single	I_{FM}	300	mA
current	Series *2		200	
Average forward	Single	I _{F(AV)}	100	mA
current	Series *2		70	
Non-repetitive peak forward- surge-current *1		I _{FSM}	1	А
Junction temperature		Tj	125	°C
Storage temperature		T _{stg}	-55 to +125	°C

Absolute Maximum Ratings $T_a = 25^{\circ}C$

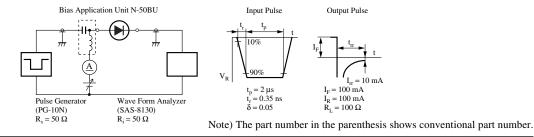


■ Electrical Characteristics T_a = 25°C



Note) 1. This product is sensitive to electric shock (static electricity, etc.). Due attention must be paid on the charge of a human body and the leakage of current from the operating equipment.



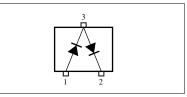


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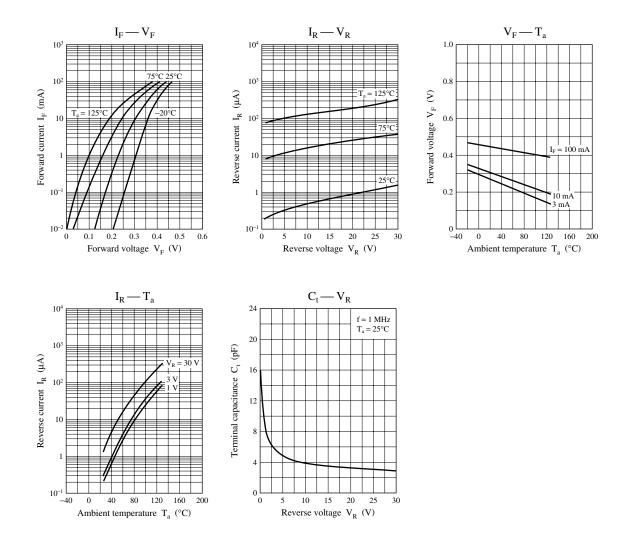
Unit: mm 0.3+0.1 0.15^{+0.1}_{-0.05} .25±0.1 2Ľ (0.65)(0.65)1.3±0.1 2.0±0.2 0 to 0.1 1 : Anode 1 2 : Cathode 2 3 : Cathode 1 Anode 2 SMini3-F1 Package

Marking Symbol: M4A

Internal Connection



Panasonic



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