查询MA7D52供应商 Schottky Barrier Diodes (SBD)

捷多邦,专业PCB打样工

MA3D752, MA3D752A (MA7D52, MA7D52A)

Silicon epitaxial planar type (cathode common)

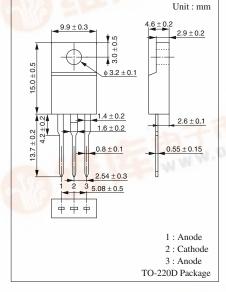
For switching power supply

Features

- Low forward rise voltage V_F
- TO-220D (Full-pack package) with high dielectric breakdown voltage > 5.0 kV
- Easy-to-mount, caused by its V cut lead end

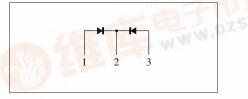
Paramete	r	Symbol	Rating	Unit
Repetitive peak	MA3D752	V _{RRM}	40	V
reverse voltage	MA3D752A		45	G.CO.
Non repetitive peak	MA3D752	V _{RSM}	40	V
reverse voltage	MA3D752A		45	
Average forward current		I _{F(AV)}	20	А
Non-repetitive peak forward surge current*		I _{FSM}	120	А
Junction temperature		Tj	-40 to +125	°C
Storage temperature		T _{stg}	-40 to +125	°C

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



isonic

Internal Connection



Note) * : Half sine-wave; 10 ms/cycle

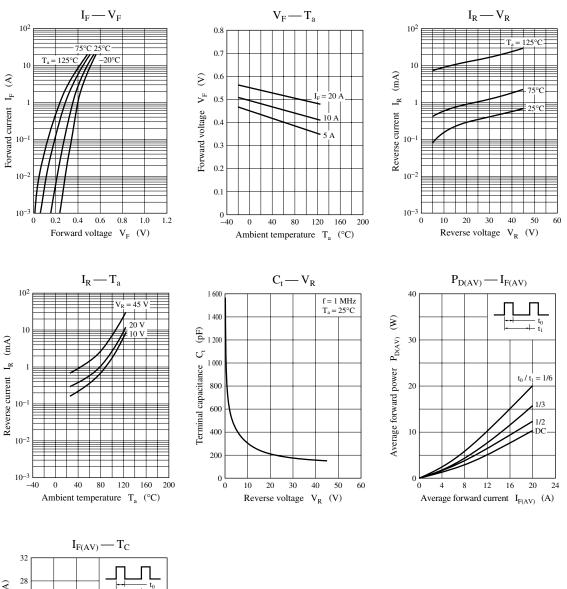
Electrical Characteristics $T_a = 25^{\circ}C$										
Parameter		Symbol	Conditions	Min	Тур	Max	Unit			
Reverse current (DC)	MA3D752	I _R	$V_R = 40 \text{ V}, T_C = 25^{\circ}\text{C}$			5	mA			
	MA3D752A		$V_{R} = 45 \text{ V}, T_{C} = 25^{\circ}\text{C}$			5	-1:			
Forward voltage (DC)		$V_{\rm F}$	$I_F = 10 \text{ A}, T_C = 25^{\circ}\text{C}$		-	0.55	V			
Thermal resistance		R _{th(j-c)}	Direct current (between junction and case)		150	3	°C/W			

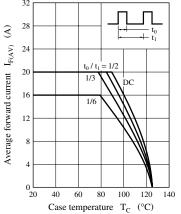
Note) Rated input/output frequency: 100 MHz



Schottky Barrier Diodes (SBD)

MA3D752, MA3D752A





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