

YJ Planar Fast Recovery Diode Die Specification

400V 8A, Fast recovery diode die based on silicon planar process
Part No.: FRD08A400AS-290A

Main Products Characteristics

Maximum Ratings

Parameter	Symbol	Rating
Repetitive peak reverse voltage	V_{RRM}	400V
Average forward current	I	8A

Static Electrical Characteristics (Ta = 25°C)

Parameter	Symbol	Value
	V_{BR}	

Device Schematics and Outline Drawing

Die Thickness	
Die Size *	1900x1900um
Top Metal Pad	1170x1170um
Active Area	1112x1112um
Top Metal	Al
Back Metal	Ag
Note: 1 *	Cutting street width is around 40um

Important Notice

Specification apply to die only. Actual performance may degrade when assembled.

does not guarantee device performance after assembly.

All operating parameters must be validated for each customer application by customer's technical experts.

Data sheet information is subjected to change without notice.

Recommended Storage Environment:

Store in original container, in dessicated nitrogen, with no contamination.

Shelf life for parts stored in above condition is 2 years.

If the storage is done in normal atmosphere shelf life is reduced to 6 months.

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