

YJ Planar Fast Recovery Diode Die Specification

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

Main Products Characterstics

Maximum Ratings			Static Electrical Characteristics (Ta = 25°C)		
Parameter	Symbol	Rating	Parameter	Symbol	Value
Repetitive peak reverse voltage	V _{RRM}	400V		V _{BR}	
Average forward current	I	8A			

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.