YJ Planar Fast Recovery Diode Die Specification

200V 5A, Fast recovery diode die based on silicon planar process
Part No.: FRD05A200AS-290A

Main Products Characterstics

Maximum Ratings

Average forward current		
(tp = 8.3 ms, halfwave, 1 cycle)		
Maximum operating junction temperature	T_j	

Static Electrical Characteristics (Ta = 25°C)

	Symbol	Value	
		Spec	Typical
	V_{BR}	220V	230V
		35ns	28ns
	I_R	2uA	0.02uA

Device Schematics and Outline Drawing

Die Thickness	290um
Die Size *	1480x1480um
Top Metal Pad	1220x1480um
Active Area	1160x1480um
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.

Yangjie Electronics 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.