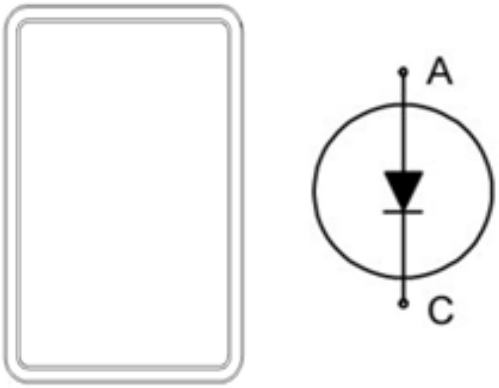
May 2016

PCRKA30065F8

650V / 300A Extremefast Diode

Features

- AEC-Q101 Qualified
- Maximum Junction Temperature 175°C
- Extremefast technology with Soft Recovery
- Low Forward Voltage (VF = 1.06V (Typ) @IF = 300A)



Applications

- Automotive Traction Modules
- General Power Modules

Ordering Information

P/N	PCRKA30065F8	
Packing	Wafer (Sawn-on-foil)	
	Mils	Microns
Die Size	283 X 394	7,200 X 10,000
Anode Area	235 X 345	5,970 X 8,770
Die thickness	3	77
Top metal	Al (0.5% Cu)	
Back metal	VNi/Ag	
Topside Passivation	SiN and Polyimide	
Wafer diameter	200mm	
Max. Possible Die per Wafer	331	

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Physical Dimensions

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