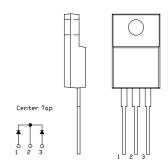
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$\textbf{SBD} \quad \texttt{Type} : FCH08A10$

OUTLINE DRAWING

FEATURES

- *Similar to TO-220AB Case
- *Fully Molded Isolation
- *Dual Diodes Cathode Common
- *Low Forward Voltage Drop
- *Low Power Loss, High Efficiency
- *High Surge Capability
- *Tj=150 °C operation



Maximum Ratings

Approx Net Weight: 1.75g

Rating	Symbol	FCH08A10			Unit
Repetitive Peak Reverse Voltage	V _{RRM}	100			V
Average Rectified Output Current	Io	8	Tc=127°C	50 Hz Full Sine Wave Resistive Load	A
RMS Forward Current	I _{F(RMS)}	8.89			Α
Surge Forward Current	I _{FSM}	100 50Hz Full Sine Wave ,1cycle Non-repetitive		A	
Operating JunctionTemperature Range	T_{jw}	-40 to +150		°C	
Storage Temperature Range	T_{stg}	-40 to +150		°C	
Mounting torque	Ftor	recommended torque = 0.5			N∙m

Electrical • Thermal Characteristics

Characteris <mark>tics</mark>	Symbol	Conditions	Min.	Тур.	Max.	Unit
Peak Reverse Current	I IRM	Tj= 25°C, V _{RM} = V _{RRM} per arm	-	-	1	mA
Peak Forward Voltage		Tj= 25°C, I _{FM} = 4 A per arm	I	1	0.88	V
I nermat Resistance —		Junction to Case	1	1	3	°C/W
		Cace to Fin	1	-	1.5	°C/W

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FCH08A10 OUTLINE DRAWING (Dimentions in mm)

