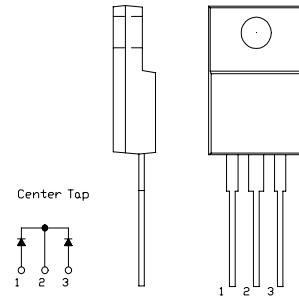


# SBD Type : FCH08A10

## 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

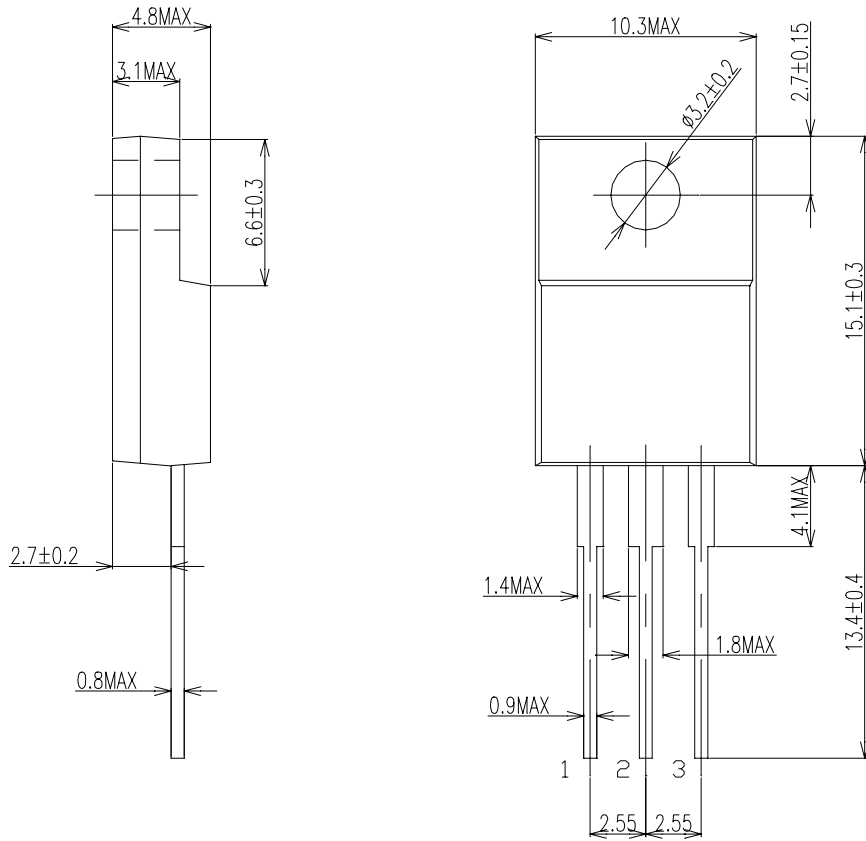
Approx Net Weight: 1.75g

Rating	Symbol	FCH08A10		Unit
Repetitive Peak Reverse Voltage	$V_{RRM}$	100		V
Average Rectified Output Current	$I_O$	8	Tc=127°C 50 Hz Full Sine Wave Resistive Load	A
RMS Forward Current	$I_{F(RMS)}$	8.89		A
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

Characteristics	Symbol	Conditions	Min.	Typ.	Max.	Unit
Peak Reverse Current	$I_{RM}$	Tj= 25°C, $V_{RM}= V_{RRM}$ per arm	-	-	1	mA
Peak Forward Voltage	$V_{FM}$	Tj= 25°C, $I_{FM}= 4 A$ per arm	-	-	0.88	V
Thermal Resistance	Rth(j-c)	Junction to Case	-	-	3	°C/W
	Rth(c-f)	Cace to Fin	-	-	1.5	°C/W

FCH08A10 OUTLINE DRAWING (Dimensions in mm)



Center Tap

