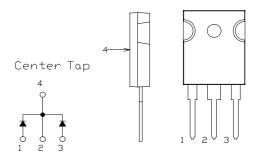
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 $\textbf{SBD} \qquad \texttt{Type} : KCQ60A06$

OULINE DRAWING

FEATURES

- * Similar to TO-247AC(TO-3P)Case
- * Dual Diodes Cathode Common
- * Low Forward Voltage Drop
- * Low Power Loss, High Efficiency
- * High Surge Current Capability
- * 40 Volts thru 60 Volts Types Available



Maximum Ratings

Approx Net Weight: 5.55g

Rating	Symbol	KCQ60A06			Unit
Repetitive Peak Reverse Voltage	V _{RRM}	60			V
Average Rectified Output Current	Io	60	Tc=69°C 50 Hz Full Sine Wave Resistive Load		A
RMS Forward Current	I _{F(RMS)}	66.6			Α
Surge Forward Current	IFSM	400	00 50Hz Full Sine Wave ,1cycle Non-repetitive		A
Operating JunctionTemperature Range	T_{jw}	-40 to +150			°C
Storage Temperature Range	$T_{ m stg}$	-40 to +150			$^{\circ}\! \mathbb{C}$
Mounting torque	Ftor	recommended torque = 0.5			N•m

Electrical • Thermal Characteristics

Characteristics Symbol Conditions		Conditions	Min.	Тур.	Max.	Unit
Peak Reverse Current	I_{RM}	Tj= 25°C, V _{RM} = V _{RRM} per Arm	-	-	25	mA
Peak Forward Voltage	V_{FM}	Tj=25°C, I _{FM} =30A per Arm	-	-	0.67	V
Thermal Resistance Junction to Case	Rth(j-c)	Junction to Case	-	-	1.0	°C/W

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KCQ60A06 OUTLINE DRAWING (Dimentions in mm)

