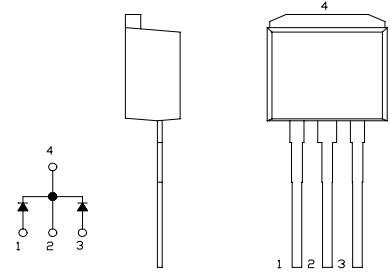


SBD Type : C20T06Q-11A

OUTLINE DRAWING

FEATURES

- *Tabless TO-220
- *Dual Diodes – Cathode Common
- *Low Forward Voltage Drop
- *High Surge Capability
- *Tj=150 °C operation



Maximum Ratings

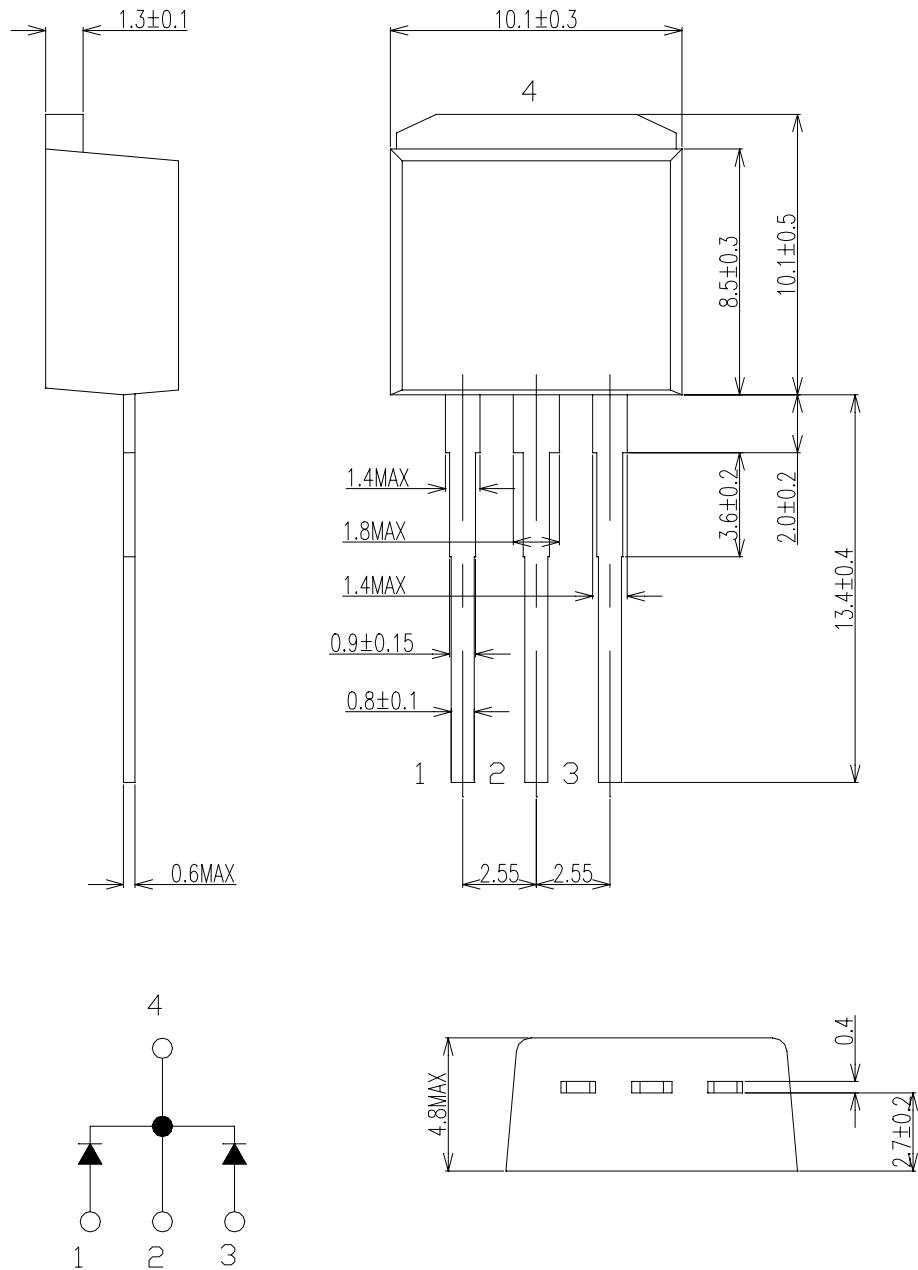
Approx Net Weight: 1.45g

Rating	Symbol	C20T06Q-11A		Unit
Repetitive Peak Reverse Voltage	V_{RRM}	60		V
Average Rectified Output Current	I_O	20	Tc=111°C 50 Hz Full Sine Wave Resistive Load	A
RMS Forward Current	$I_{F(RMS)}$	22.2		A
Surge Forward Current	I_{FSM}	150	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

Electrical • Thermal Characteristics

Characteristics	Symbol	Conditions	Min.	Typ.	Max.	Unit
Peak Reverse Current	I_{RM}	Tj= 25°C, $V_{RM}= V_{RRM}$ per arm	-	-	10	mA
Peak Forward Voltage	V_{FM}	Tj= 25°C, $I_{FM}= 10$ A per arm	-	-	0.65	V
Thermal Resistance	Rth(j-c)	Junction to Case	-	-	1.5	°C/W

C20T06Q-11A OUTLINE DRAWING (Dimensions in mm)



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