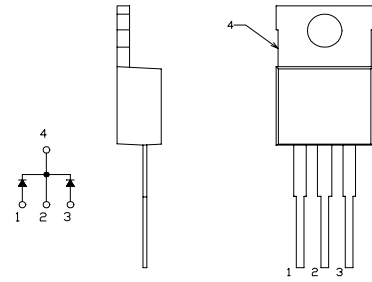


SBD Type : GCH10A09

OUTLINE DRAWING

FEATURES

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



Maximum Ratings

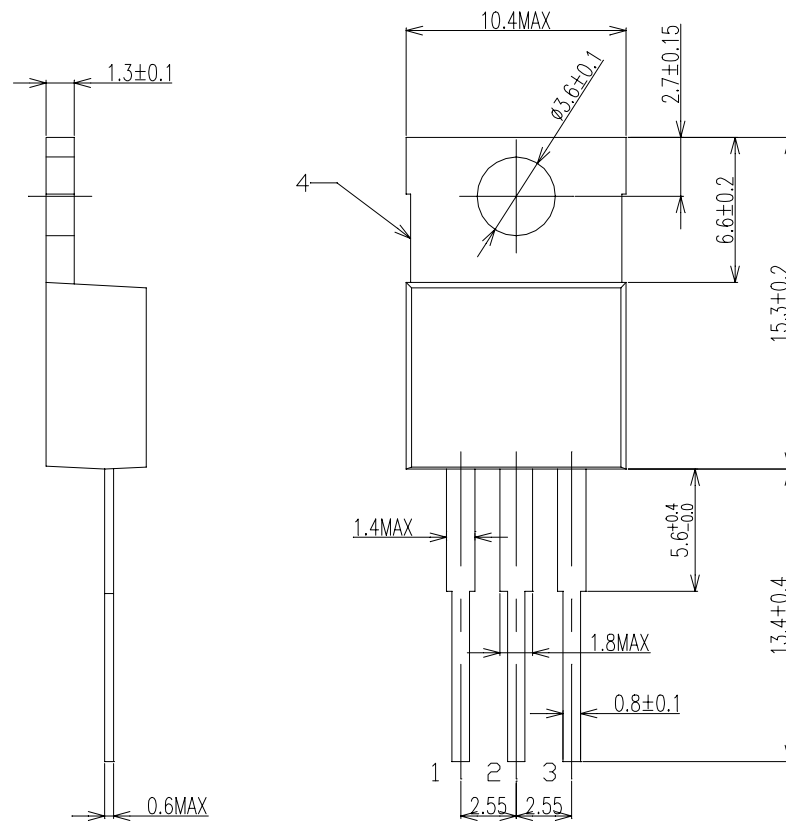
Approx Net Weight: 1.9g

Rating	Symbol	GCH10A09			Unit
Repetitive Peak Reverse Voltage	V _{RRM}	90			V
Average Rectified Output Current	I _O	10	Tc=122°C	50 Hz Full Sine Wave Resistive Load	A
RMS Forward Current	I _{F(RMS)}	11.1			A
Surge Forward Current	I _{FSM}	120	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	F _{tor}	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, $I_{FM}= 5\text{ A}$ per arm	-	-	0.85	V
Thermal Resistance	$R_{th(j-c)}$	Junction to Case	-	-	3	°C /W

GCH10A09 OUTLINE DRAWING (Dimensions in mm)



Center Tap

