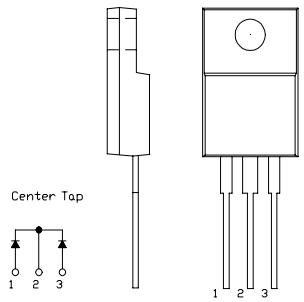
Nihon Inter Electronics Corporation

SBD Type : FCL10A015

OUTLINE DRAWING



FEATURES

*TO-220AB Case
*Fully Molded
*Dual Diodes – Cathode Common
*Extremely Low Forward Voltage Drop
*Oring Diode
*High Surge Capability

Maximum Ratings

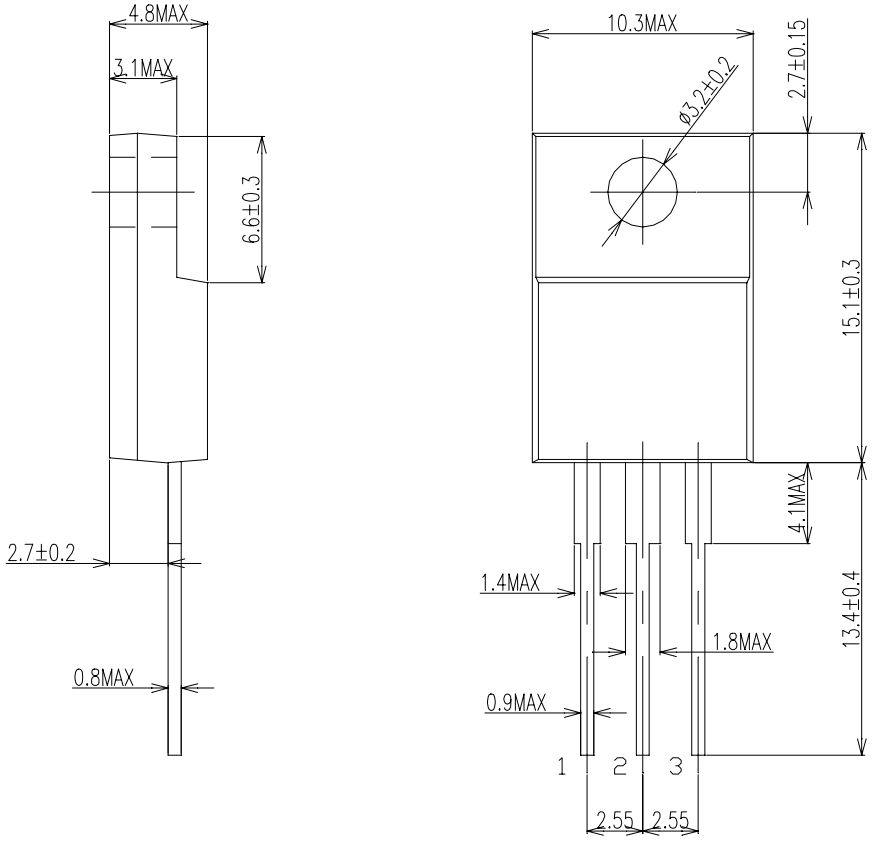
Approx Net Weight: 1.75g

Rating	Symbol	FCL10A015			Unit
Repetitive Peak Reverse Voltage	V_{RRM}	15			V
Average Rectified Output Current	I_O	10	Tc=99℃	50 Hz Full Sine Wave Resistive Load	A
RMS Forward Current	$I_{F(RMS)}$	11.1			A
Surge Forward Current	I_{FSM}	130	50Hz Full Sine Wave ,1cycle Non-repetitive		A
Operating JunctionTemperature Range	T_{jw}	-40 to +125			℃
Storage Temperature Range	T_{stg}	-40 to +125			℃
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℃, V_{RM}= V_{RRM} per arm	-	-	5	mA
Peak Forward Voltage	V_{FM}	Tj= 25℃, I_{FM}= 5 A per arm	-	-	0.38	V
Thermal Resistance	Rth(j-c)	Junction to Case	-	-	3	℃ /W
	Rth(c-f)	Cace to Fin	-	-	1.5	℃ /W

FCL10A015 OUTLINE DRAWING (Dimentions in mm)



Center Tap

