

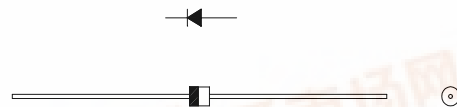


SBD Type :11EQS09

FEATURES

- * Miniature Size
- * Low Forward Voltage Drop
- * High Surge Capability
- * 30volts trough 100volts Types Available
- * 26mm and 52mm Inside Tape Spacing Package Available

OUTLINE DRAWING



Maximum Ratings

Approx Net Weight:0.17g

Rating		Symbol	11EQS09			Unit
Repetitive Peak Reverse Voltage		V _{RRM}	90			V
Average Rectified Output Current	Without Fin or P.C.Board	I _O	1.0	Ta=30°C	50Hz Half Sine Wave Resistive Load	A
	P.C.Board Mounted *		1.0	Ta=55°C		
RMS Forward Current		I _{F(RMS)}	1.57			A
Surge Forward Current		I _{FSM}	40	Half 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}	$T_j = 25^{\circ}\text{C}, V_{RM} = V_{RRM}$	-	-	0.5	mA
Peak Forward Voltage	V_{FM}	$T_j = 25^{\circ}\text{C}, I_{FM} = 1\text{ A}$	-	-	0.85	V
Thermal Resistance(Junction to Ambient)	$R_{th(j-a)}$	Without Fin or P.C.Board	-	-	140	$^{\circ}\text{C/W}$
		P.C.Board mounted *			110	

* :Print Lands = 5x5 mm,Both Sides

11EQS09 OUTLINE DRAWING (Dimensions in mm)

