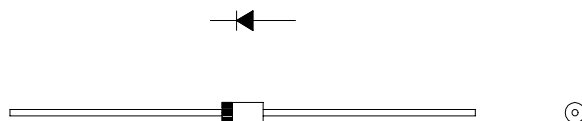


SBD Type :11DQ04

FEATURES

- * Miniature Size
- * Low Forward Voltage drop
- * Low Power Loss, High Efficiency
- * High Surge Capability
- * 40 Volts thru 100 Volts Types Available
- * 52mm Inside Tape Spacing Package Available

OUTLINE DRAWING



Maximum Ratings

Approx Net Weight:0.32g

Rating		Symbol	11DQ04			Unit
Repetitive Peak Reverse Voltage		V _{RRM}	40			V
Non-repetitive Peak Reverse Voltage		V _{RSM}	45			V
Average Rectified Output Current	Without Fin or P.C.Board	I _O	1.0	Ta=32°C*	50Hz Half Sine Wave Resistive Load	A
	P.C.Board mounted		1.0	Ta=73°C*		
RMS Forward Current		I _{F(RMS)}	1.57			A
Surge Forward Current		I _{FSM}	40	50Hz 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}	$T_j = 25^{\circ}\text{C}$, $V_{RM} = V_{RRM}$	-	-	1	mA
Peak Forward Voltage	V_{FM}	$T_j = 25^{\circ}\text{C}$, $I_{FM} = 1.0\text{A}$	-	-	0.55	V
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	Without Fin or P.C.Board	-	-	130	$^{\circ}\text{C/W}$
		P.C.Board mounted			81	

*:Print Lands=5x5mm,Both Sides

11DQ04 OUTLINE DRAWING (Dimensions in mm)

