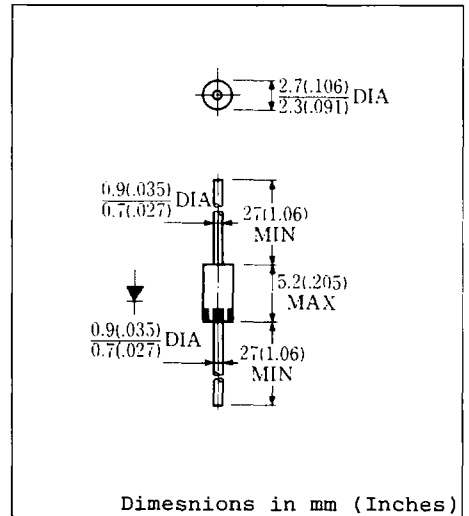


FEATURES

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



Dimesnions in mm (Inches)
Approx. Net Weight : 0.33 Grams

MAXIMUM RATINGS

Voltage Rating	Type	11DQ03L			Unit	
	Symbol					
Repetitive Peak Reverse Voltage	V_{RRM}	30			V	
Non-Repetitive Peak Reverse Voltage	V_{RSM}	-			V	
Electrical Rating	Symbol	Condition		Rating	Unit	
Average Rectified Output Current (resistive load)	I_o	P.C. Board mounted*	Half sine wave Resistive Load	$T_a = 74^\circ\text{C}$	1.0	A
		Without Fin, PCB.		$T_a = 43^\circ\text{C}$	1.0	
RMS Forward Current	$I_{F(RMS)}$			1.57	A	
Peak One-cycle Forward Surge Current	I_{FSM}	50Hz half sine wave, non-repetitive		40	A	
Operating Junction Temperature Range	T_{jw}			-40 to 125	$^\circ\text{C}$	
Storage Temperature Range	T_{stg}			-40 to 125	$^\circ\text{C}$	

ELECTRICAL & THERMAL CHARACTERISTICS

Characteristics	Symbol	Test Condition		Max.	Unit
Peak Forward Voltage	V_{FM}	$I_{FM} = 1\text{A}$	$T_j = 25^\circ\text{C}$	0.45	V
Peak Reverse Current	I_{RM}	$V_{RM} = V_{RRM}$	$T_j = 25^\circ\text{C}$	1.0	mA
Thermal Resistance, junction to ambient	$R_{th(j-a)}$	P.C. Board mounted*		81	$^\circ\text{C/W}$
		Without Fin or P.C. Board		130	

* P.C. Board Print Land = 10x10mm

