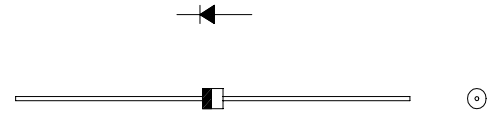


FRD Type : 11EFS2

FEATURES

- * Miniature Size
- * Ultra-Fast Recovery
- * Low Forward Voltage Drop
- * Low Power Loss, High Efficiency
- * High Surge Capability
- * 200 Volts through 400 Volts Types Available
- * 26mm and 52mm Inside Tape Spacing

OUTLINE DRAWING



Maximum Ratings

Approx Net Weight:0.17g

Rating	Symbol	11EFS2			Unit
Repetitive Peak Reverse Voltage	V _{RRM}	200			V
Non-repetitive Peak Reverse Voltage	V _{RSM}	220			V
Average Rectified Output Current	I _O	0.8	Ta=40°C Without Fin *1	50Hz Half Sine WaveResistive Load	A
		1	Ta=32°C P.C.B.Mounted*2		
RMS Forward Current	I _{F(RMS)}	1.57			A
Surge Forward Current	I _{FSM}	30	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}	$T_j = 25^{\circ}\text{C}$, $V_{RM} = V_{RRM}$	-	-	10	μA
Peak Forward Voltage	V_{FM}	$T_j = 25^{\circ}\text{C}$, $I_{FM} = 1\text{ A}$	-	-	0.98	V
Reverse Recovery Time	t_{rr}	$I_{FM} = 1\text{ A}$, $-di/dt = 50\text{ A}/\mu\text{s}$, $T_a = 25^{\circ}\text{C}$	-	-	30	ns
Thermal Resistance	$R_{th(j-a)}$	Junction to Ambient	-	-	140	$^{\circ}\text{C}/\text{W}$
					110	

*1 Without Fin or P.C.Board

*2 P.C. Board Mounted(L=3mm, Print Lands = 5x5 mm,Both Sides)

11EFS2 OUTLINE DRAWING (Dimensions in mm)

