

TS802C09R-TE24R

FUJI Diode

Schottky Barrier Diode

■ Maximum Rating and Characteristics

● Maximum ratings (at Ta=25°C unless otherwise specified.)

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Item	Symbols	Conditions	Ratings	Units
Repetitive peak surge reverse voltage	Vrsm	tw=500ns,duty=1/40	100	V
Repetitive peak reverse voltage	Vrrm	-	90	V
Average output current	lo	50Hz Square wave duty =1/2 Tc = 109°C	10*	А
Non-repetitive forward surge current**	IFSM	Sine wave, 10ms 1shot	80	Α
Operating junction temperature	Tj	-	150	°C
Storage temperature	Tstg	-	-40 to +150	°C

Note* Out put current of center tap full wave connection.

Note** Rating per element

● Electrical characteristics (at Ta=25°C unless otherwise specified.)

Item	Symbols	Conditions	Maximum	Units
Forward voltage***	VF	I _F = 4 A	0.9	V
Reverse current***	IR	V _R =V _{RRM}	5	mA
Thermal resistance	Rth(j-c)	Junction to case	3	°C/W

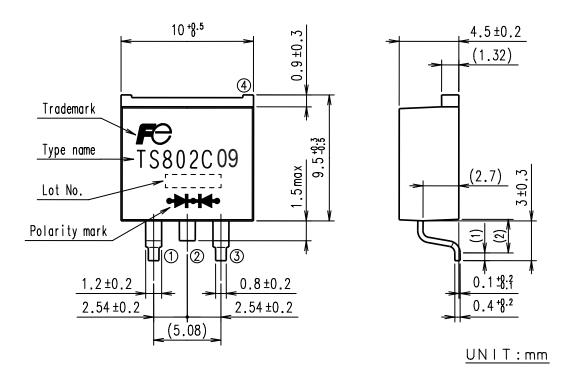
Note*** Rating per element

Mechanical characteristics

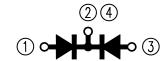
Item	Conditions	Maximum	Units
Approximate mass	-	1.6	g

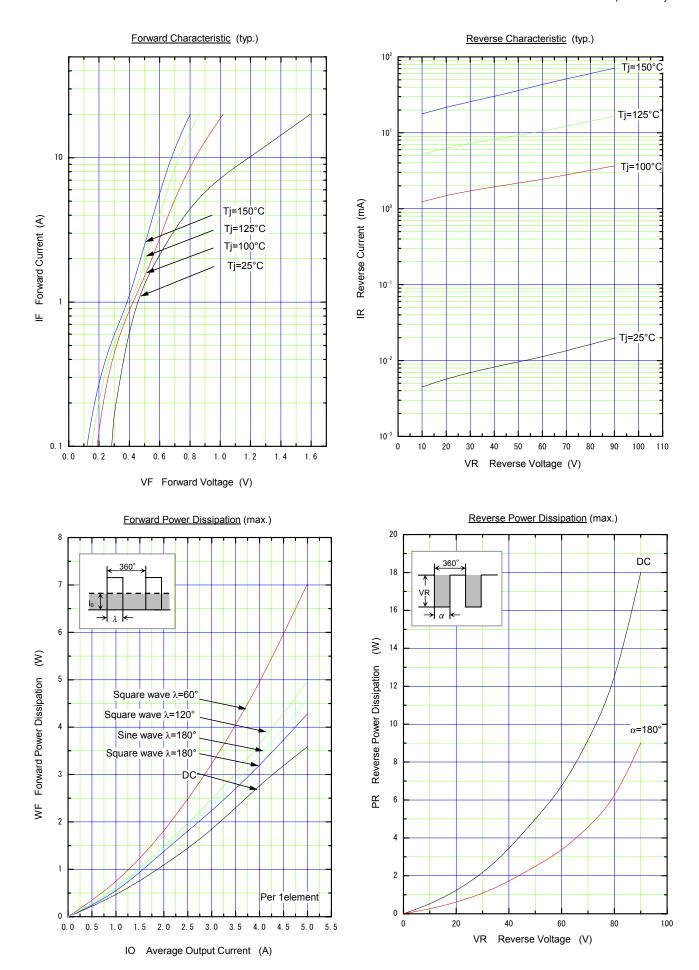
■ Outline Drawings [mm]

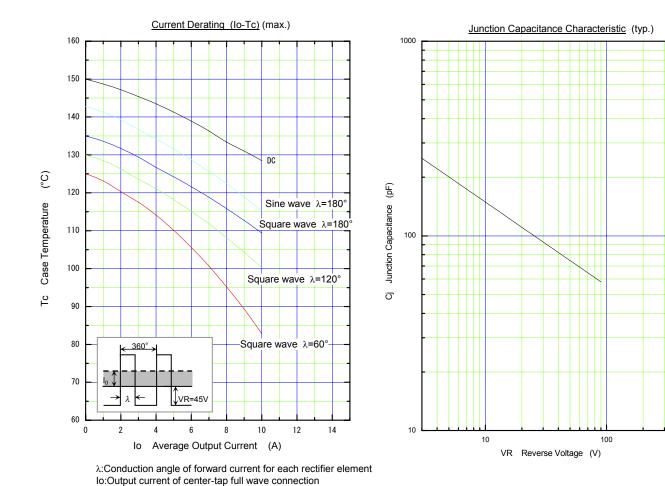
OUT VIEW

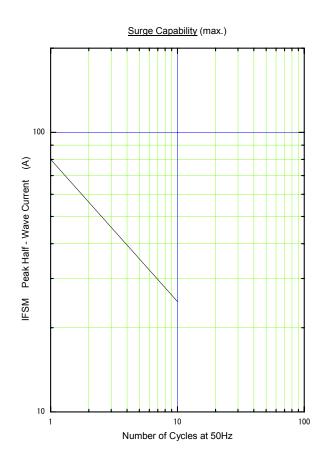


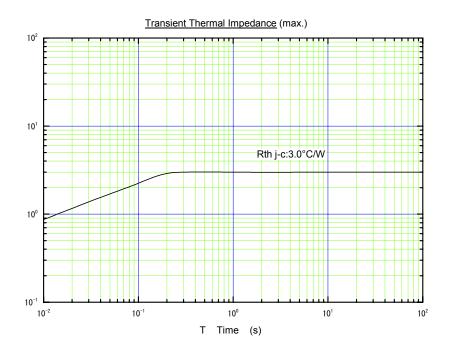
CONNECTION











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- Communications equipment (terminal devices)
- Measurement equipment

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- Audiovisual equipment
- Electrical home appliances
- Personal equipment
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• Traffic-signal control equipment

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 Medical equipment
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