

<u>MS868C10</u>

FUJI Diode

Schottky Barrier Diode

Maximum Rating and Characteristics

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

Item	Symbols	Conditions	Ratings	Units
Repetitive peak surge reverse voltage	Vrsm	tw=500ns, duty=1/40	100	V
Repetitive peak reverse voltage	Vrrm	-	100	V
Average output current	lo	Square wave duty =1/2 Tc = 114°C	30*	A
Non-repetitive forward surge current**	IFSM	Sine wave, 10ms	160	А
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⊧ = 15 A	0.86	V
Reverse current***	Ir	V _R =100V	200	μA
Thermal resistance	Rth(j-c)	Junction to case	1.2	°C/W

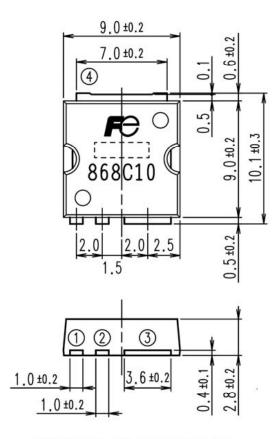
Note*** Rating per element

Mechanical characteristics

Item	Conditions	Maximum	Units
Approximate mass	-	0.8	g

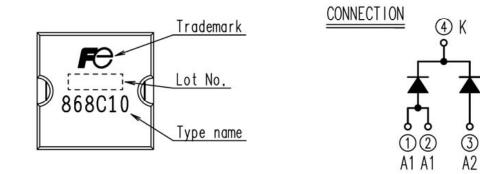
Outline Drawings [mm]

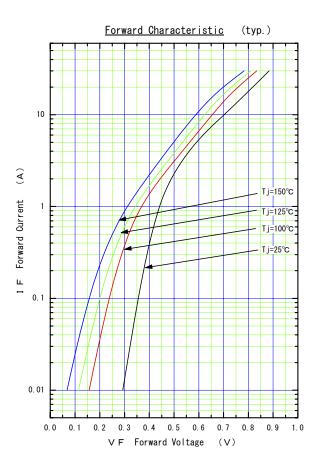
OUT VIEW

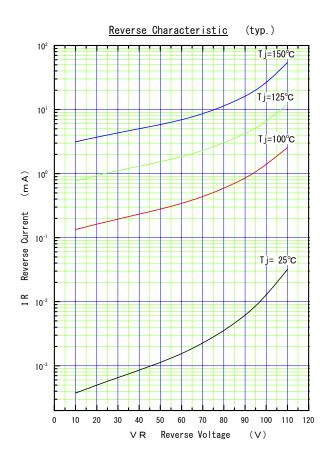


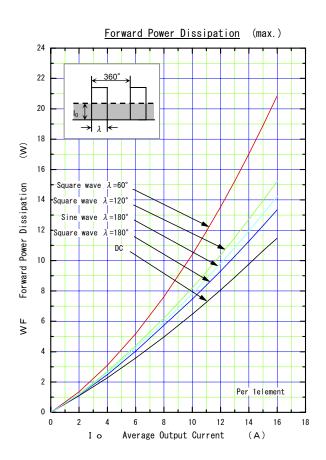
DIMENSIONS ARE IN MILLIMETERS.

MARKING

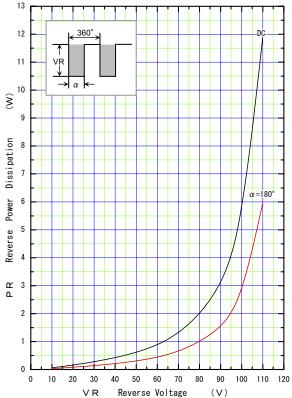


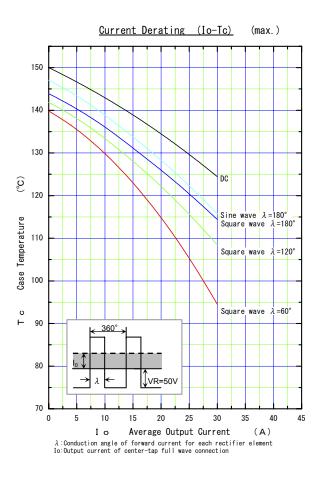


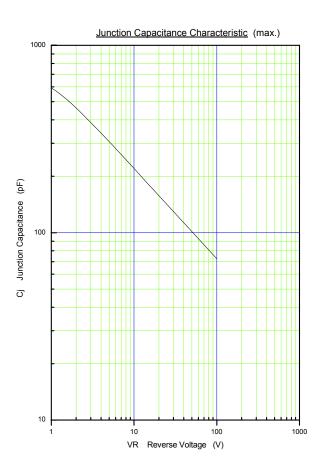


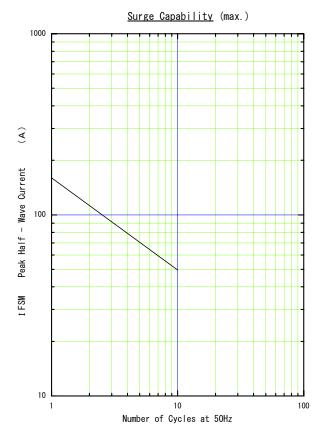


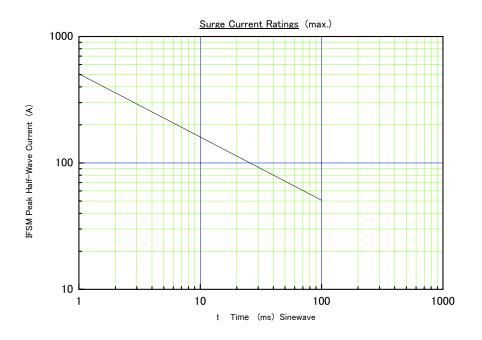
Reverse Power Dissipation (max.)

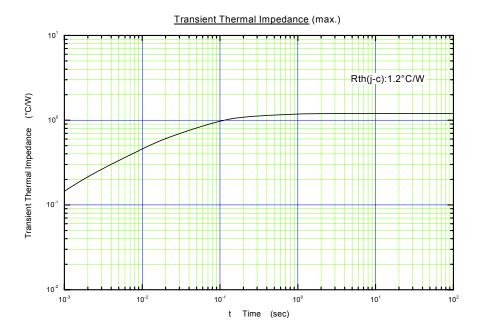












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