

YA858C15R

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 reverse voltage	VRRM	-	150	V
Average output current	lo	50Hz Square wave duty =1/2 Tc = 94°C	30*	А
Non-repetitive forward surge current**	IFSM	Sine wave, 10ms 1shot	110	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.)

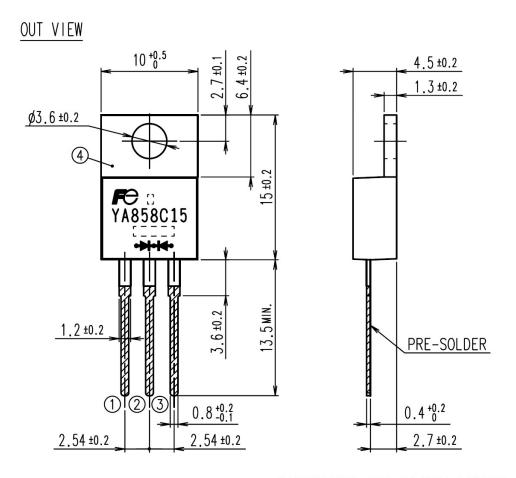
Item	Symbols	Conditions	Maximum	Units
Forward voltage***	VF	I _F =15 A	1.13	V
Reverse current***	IR	V _R =V _{RRM}	200	μA
Thermal resistance	Rth(j-c)	Junction to case	1.25	°C/W

Note*** Rating per element

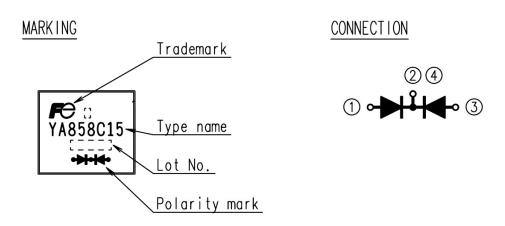
Mechanical characteristics

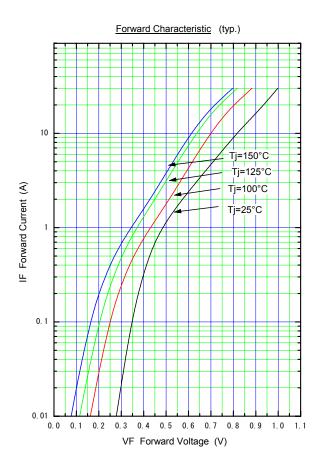
Item	Conditions	Maximum	Units
Mounting torque	Recommended torque	0.3 to 0.5	N•m
Approximate mass	-	2.0	g

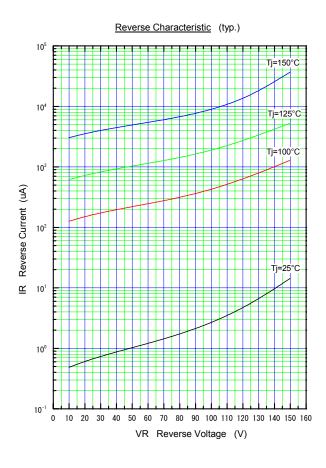
■ Outline Drawings [mm]

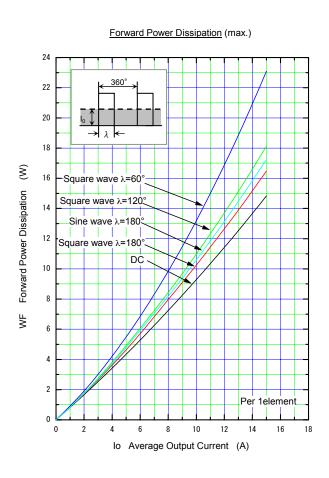


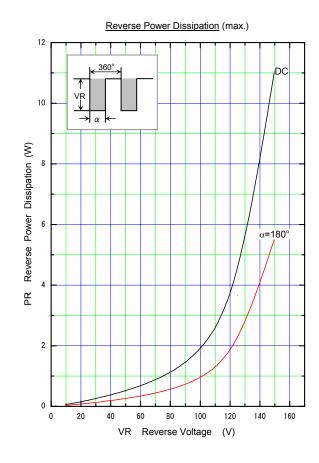
DIMENSIONS ARE IN MILLIMETERS.

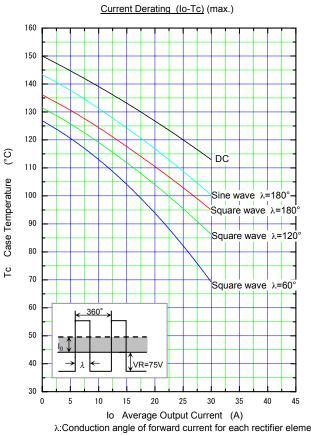


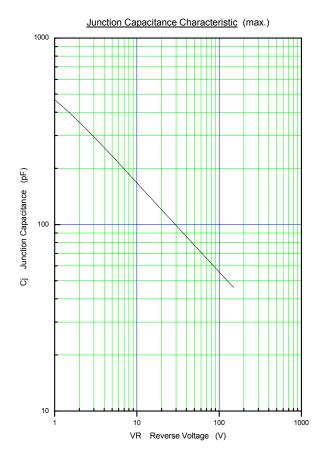


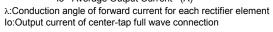


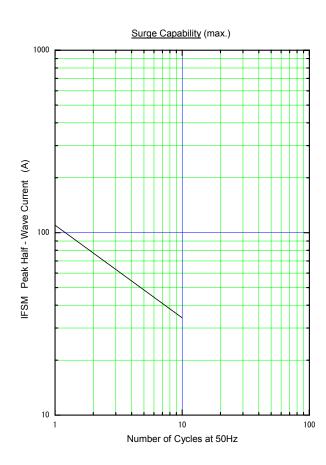


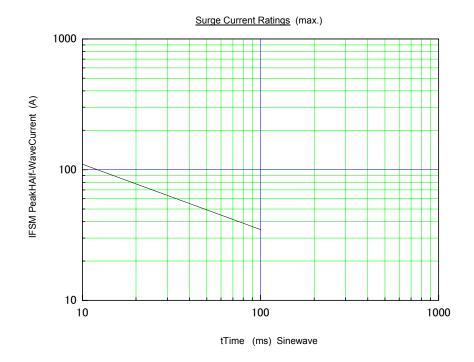


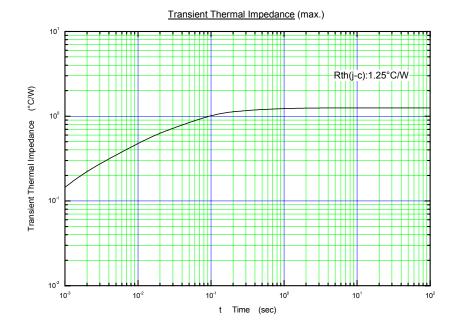












WARNING

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- Measurement equipment

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- Audiovisual equipment
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- Personal equipment
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