

ESAD85M-009RR

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	V _{RRM}	-	90	V
Isolating voltage	Viso	Terminals-to-Case, AC.1min	1500	V
Average output current	lo	50Hz Square wave duty =1/2 Tc = 105°C	25 *	А
Non-repetitive forward surge current**	IFSM	Sine wave, 10ms 1shot	100	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

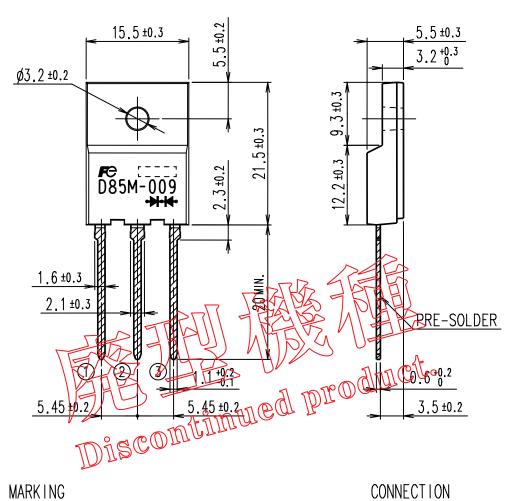
● Electrical characteristics (at Ta=25°C unless otherwise specified.)

Item	Symbols Conditions	Maximum	Units
Forward voltage***	L VELTALEDA - RIGHT	0.9	V
Reverse current***	THE TRANSPORT AND THE PROPERTY AND THE P	15	mA
Thermal resistance	Rth(j-c) Junction, to case	1.7	°C/W

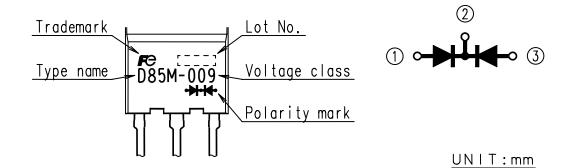
Note*** Rating per element							
Mechanical characteristics		and Dirog					
Item	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Conditions	Maximum	Units			
Mounting torque	mide Colling	Recommended torque	0.4 to 0.6	N•m			
Approximate mass			6				

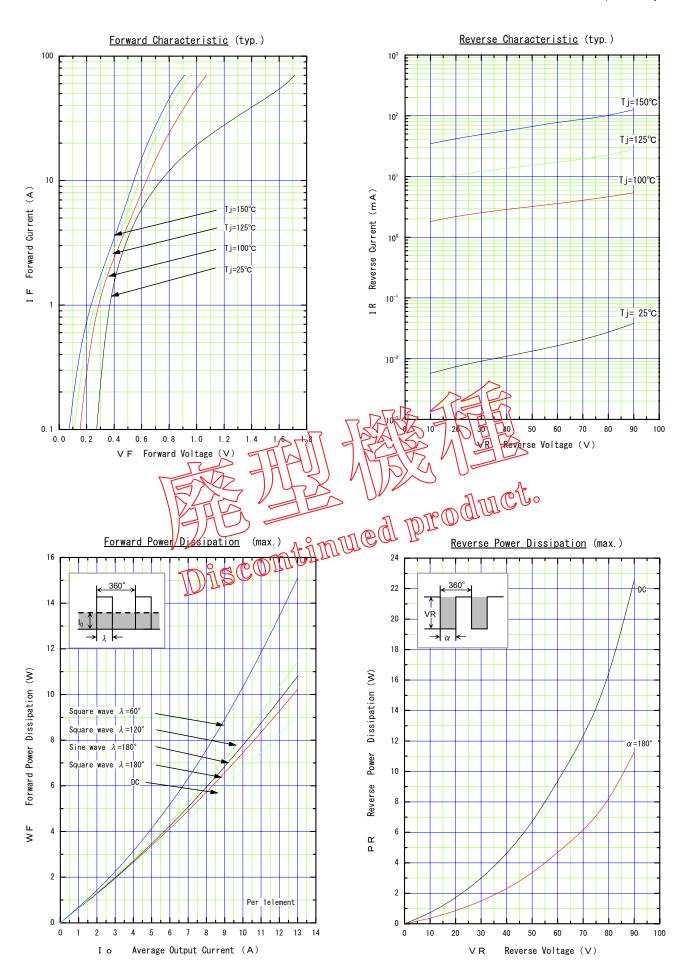
■ Outline Drawings [mm]

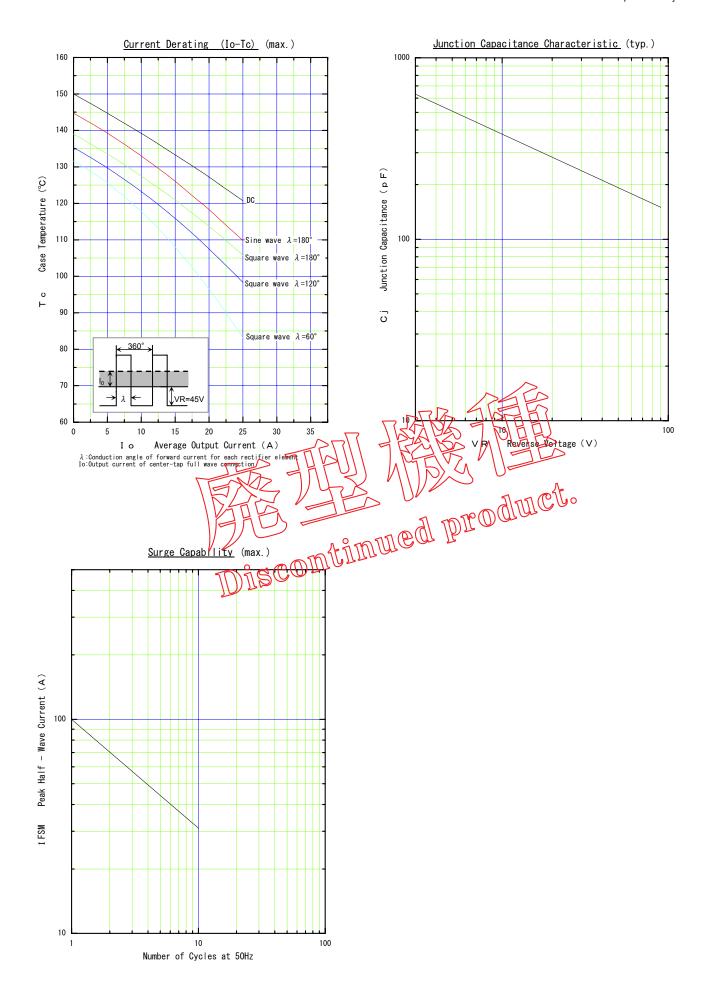
OUT VIEW



MARKING

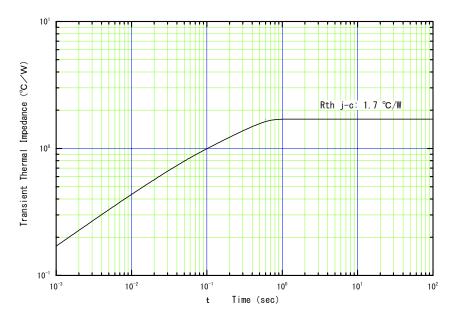






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WARNING

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- OA equipment
- Communications equipment (terminal devices)
- Measurement equipment

- Machine tools
- Audiovisual equipment
- Electrical home appliances
- Personal equipment
- Industrial robots etc.
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- Trunk communications equipment

• Traffic-signal control equipment

- Gas leakage detectors with an auto-shut-off feature
- Emergency equipment for responding to disasters and anti-burglary devices
- Safety devices

- Medical equipment
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