

MPU coolers

SAN ACE MC

**Intel® Pentium® 4 Processor 2.0GHz (Socket 478)
compatible**

General specifications

Life expectancy 40,000 hours, indoor environment(survival rate: 90% at 60°C, rated voltage, and continuously run in a free air state)

Motor protection system Current cut system (with reverse-connection protection)

Dielectric strength 50/60 Hz, 500 VAC, 1 minute
(between lead conductor and frame)

Noise measurement method · · measurements at 1m from fan suction side

Operating thermally range . . . 0°C to $+70^{\circ}\text{C}$ (non-condensing)

Material..... Frame, impeller : resin mold

Heat sink : aluminium base + copper fin (109X9412S1016)
: aluminium (109X9412S1116)

Fan power lead ⊕yellow (connector No. 2 side)

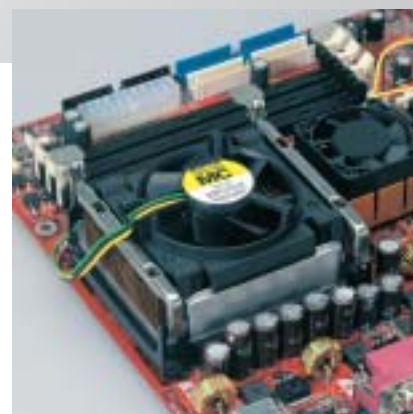
⊖black (connector No.1 side)

Sensor green light (connector No. 3 side)

Connector Molex 22-01-3037 : P/N2695-03RP

Contact Molex P/N5159PBT or 2759T-compatible

Option(separate order) Mounting method : Mount using 109-1008specialized metal fittings(2pcs.)

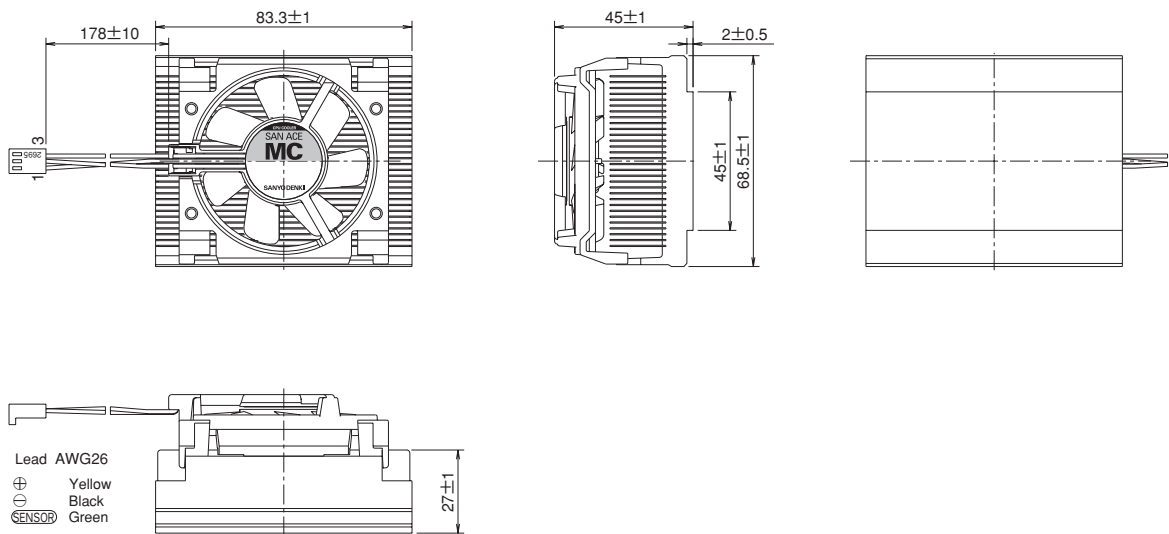


Specifications

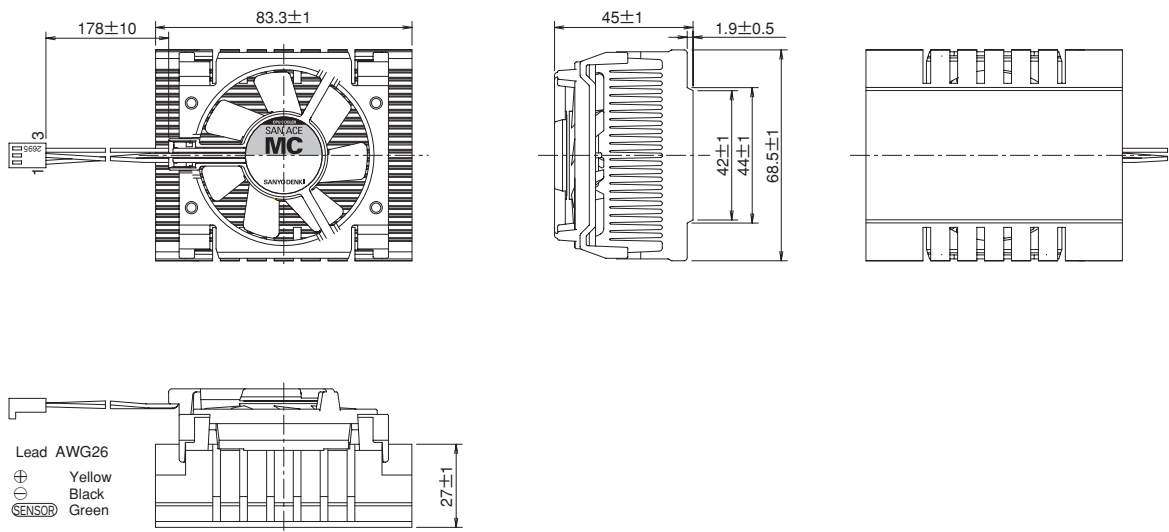
Model No.	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated rotating speed (min ⁻¹)	θ j-a Thermal resistance (K/W)	Noise (dB[A])	Mass (g)
109X9412S1016	12	7~13.8	0.17	4,800	0.445	39	360

Dimensions (unit : mm)

109X9412S1016

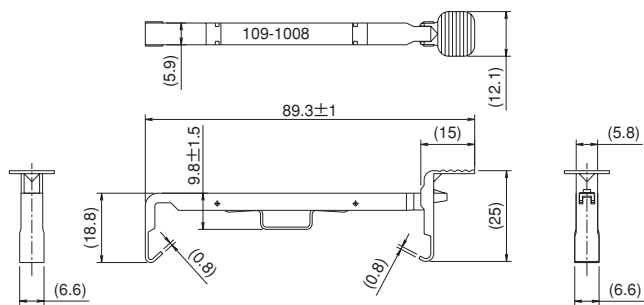


109X9412S1116



Installation metal fittings (unit : mm)

109-1008



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Rev.B