

# SA Coils (Amorphous Choke Coils)

## SA-8S / SA10 Types



### Features

- Use of a toroidal-shaped, gapless core minimizes leakage of magnetic flux.
- Effective for eliminating alternator noise within the 1 kHz to 200 kHz range.

### Applications

- Elimination of alternator noise in car audio devices
- Smoothing chokes in switching power supplies
- Normal mode chokes for EMI

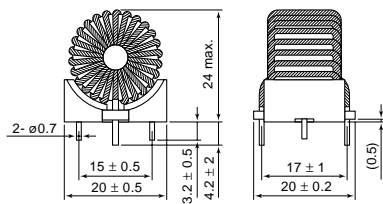
### Specifications

Model	Rated Current (A)	Inductance (μH) min.	DC Resistance (mΩ) max.	Temp. Rise (K) max.	Wire Diameter (mmø)	Weight (g) approx.
SA8S-400JA	1	350	35	25	0.95	16
SA8S-400P3	1	350	35	25	0.95	16
SA10H-500P3	2	300	100	25	0.8	15.5
SA10H-500JA	2	300	100	25	0.8	21.4

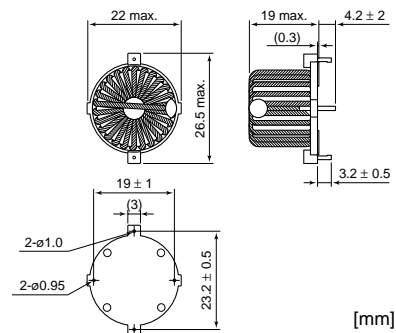
Inductance measurement conditions: Rated current is superposed.

### Shape and Dimensions

#### • SA8S-400JA



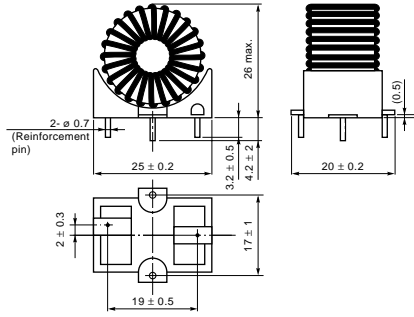
#### • SA8S-400P3



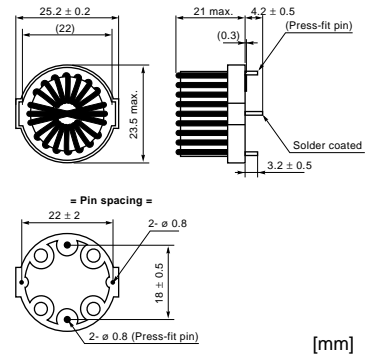
[mm]

# EMC Line Filters

## • SA10H-500JA

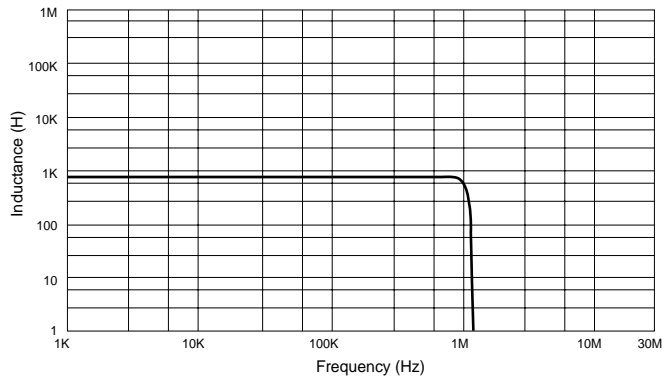


## • SA10H-500P3



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## Inductance vs. Frequency



## DC-Superposed Characteristics

