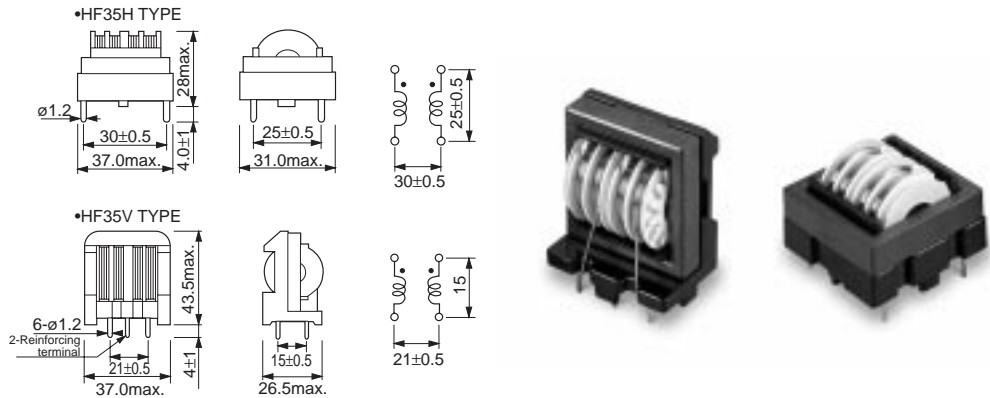


# EMI / RFI Filters

## Shape and Dimensions

Unit:mm

TRANSFORMERS & COILS



**HF35H / 35V** This is a common-mode choke coil for noise prevention with windings on separated bobbins on a double-closed-magnetic-circuit ferrite core (see illustration) to ensure a higher inductance with a smaller size and a high impedance at high frequencies with compact size and low leakage flux.

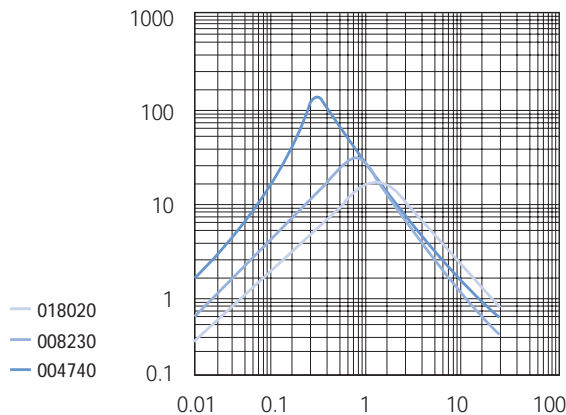
### FEATURES:

- Compact size, large inductance
- Excellent frequency characteristics
- Low magnetic flux leakage

### APPLICATIONS:

- For line filter of switching power supplies
- Eliminates incoming / leaking noise of TVs, VTRs/VCRs and audio equipment
- For OA Equipment, Communications Equipment and other electronic devices

### IMPEDANCE VS. FREQUENCY



### Specifications

Part No.	Inductance (mH) min.	Inductance difference (μH) min.	DC resistance (Ω) max.	Rated current (Aac)
HF35H/V-033015	33	1000	0.5	1.5
HF35H/V-022018	22	700	0.4	1.8
HF35H/V-018020	18	500	0.3	2.0
HF35H/V-012025	12	350	0.2	2.5
HF35H/V-010027	10	300	0.15	2.7
HF35H/V-008230	8.2	250	0.12	3.0
HF35H/V-005635	5.6	200	0.1	3.5
HF35H/V-004740	4.7	150	0.08	4.0

- Rated voltage: 250 VAC/DC
- When referring to model number: "V" in square stands for vertical type, "H" for horizontal type
- Test voltage: 2000 VAC, one minute between lines
- Insulation resistance: at 500 VDC, more than 100M (between lines)
- Thermal class: E(120°C) B (130°C)
- Temperature range: -25°C~T°C (T=120-temp.rise)