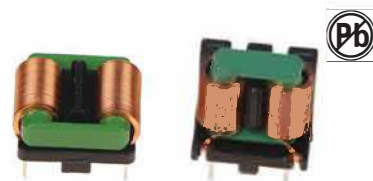


FRAME CORE CHOKES FACCF12V&H SERIES



FEATURES:

Small size, Low leakage flux due to D SQ core.
 Low stray capacitance, High attenuation of a wide frequency band.
 There is no danger of the layer short for the single-layer rolling.
 High attenuation to the normal mode noise.
 Winding time 90% down.
 High inductance was achieved by the ferrite mixing and the baking technology that developed originally.

SPECIFICATION:

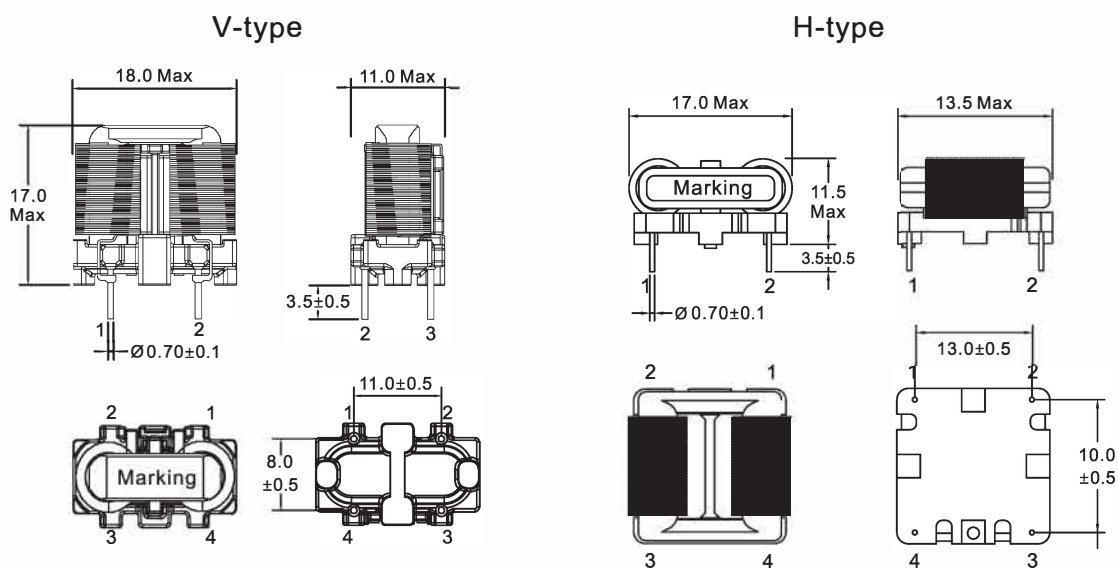
Rated Voltage: AC/DC 2.50V.
 Operating Temperature Range: -40°C ~ 120°C
 Withstanding Voltage: AC 2000V 60sec or AC 2400V
 1~2sec[LIN E to LIN E].
 Insulation Resistance: DC 500V, 100Mohm Min
 [LIN E to LIN E].
 Temperature Rise: 40°C Max. at Rated Current.

ELECTRICAL CHARACTERISTICS

Part Number		Inductance [mH]Min	Rated current [A]Max	Power Range [W]
FACCF12V-253YDR5	FACCF12H-253YDR5	25	0.50	40
FACCF12V-223YDR6	FACCF12H-223YDR6	22	0.60	48
FACCF12V-183YDR65	FACCF12H-183YDR65	18	0.65	52
FACCF12V-153YDR7	FACCF12H-153YDR7	15	0.70	56
FACCF12V-103YDR75	FACCF12H-103YDR75	10	0.75	60

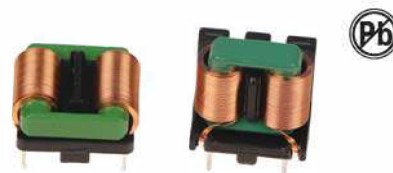
Rated Inductance LRM measured at 1KHz, 250mV, 20°C

TECHNICAL INFORMATION



DIMENSIONS: mm

FRAME CORE CHOKES FACCF15V&H SERIES



FEATURES:

Small size, Low leakage flux due to 0 SQ core.
 Low stray capacitance, High attenuation of a wide frequency band.
 There is no danger of the layer short for the single-layer rolling.
 High attenuation to the normal mode noise.
 Winding time 90% down.
 High inductance was achieved by the ferrite mixing and the baking technology that developed originally.

SPECIFICATION:

Rated Voltage: AC /DC \geq 50V.
 Operating Temperature Range: -40°C ~ 120°C
 Withstanding Voltage: AC 2000V 60sec or AC 2400V
 1 ~ 2sec [LINE to LINE].
 Insulation Resistance: DC 500V, 100Mohm Min
 [LINE to LINE].
 Temperature Rise: 40°C Max. at Rated Current.

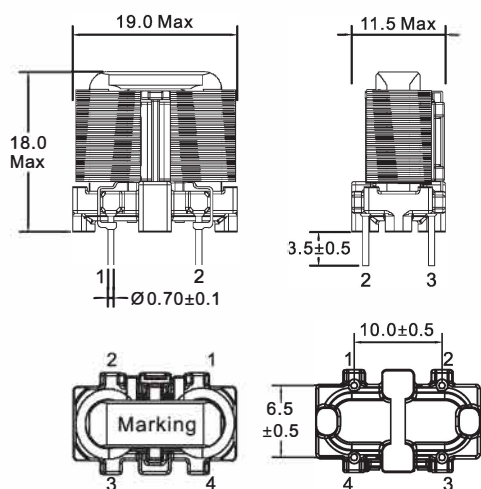
ELECTRICAL CHARACTERISTICS

Part Number	Inductance (mH)Min	Rated current (A)Max	Power Range (W)	
FACCF15V-353Y0R5	FACCF15H-353Y0R5	35	0.5	40
FACCF15V-303Y0R6	FACCF15H-303Y0R6	30	0.6	48
FACCF15V-253Y0R65	FACCF15H-253Y0R65	25	0.65	52
FACCF15V-223Y0R7	FACCF15H-223Y0R7	22	0.7	56
FACCF15V-203Y0R9	FACCF15H-203Y0R9	20	0.9	72
FACCF15V-203Y1R0	FACCF15H-203Y1R0	20	1.0	88
FACCF15V-183Y1R2	FACCF15H-183Y1R2	18	1.2	72
FACCF15V-153Y1R25	FACCF15H-153Y1R25	15	1.25	96
FACCF15V-153Y1R5	FACCF15H-153Y1R5	15	1.5	120
FACCF15V-802Y1R5	FACCF15H-802Y1R5	8.0	1.5	120
FACCF15V-602Y1R8	FACCF15H-602Y1R8	6.0	1.8	144

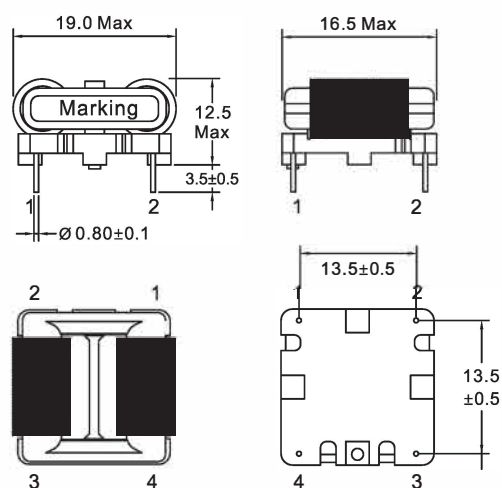
Rated Inductance L R M measured at 1KHz, 250mV, 20°C

TECHNICAL INFORMATION

V-type



H-type



DIMENSIONS:mm

FRAME CORE CHOKES FACCF19V&H SERIES



FEATURES:

Small size, Low leakage flux due to 0 SQ core.
 Low stray capacitance, High attenuation of a wide frequency band.
 There is no danger of the layer short for the single-layer rolling.
 High attenuation to the normal mode noise.
 Winding time 90% down.
 High inductance was achieved by the ferrite mixing and the baking technology that developed originally.

SPECIFICATION:

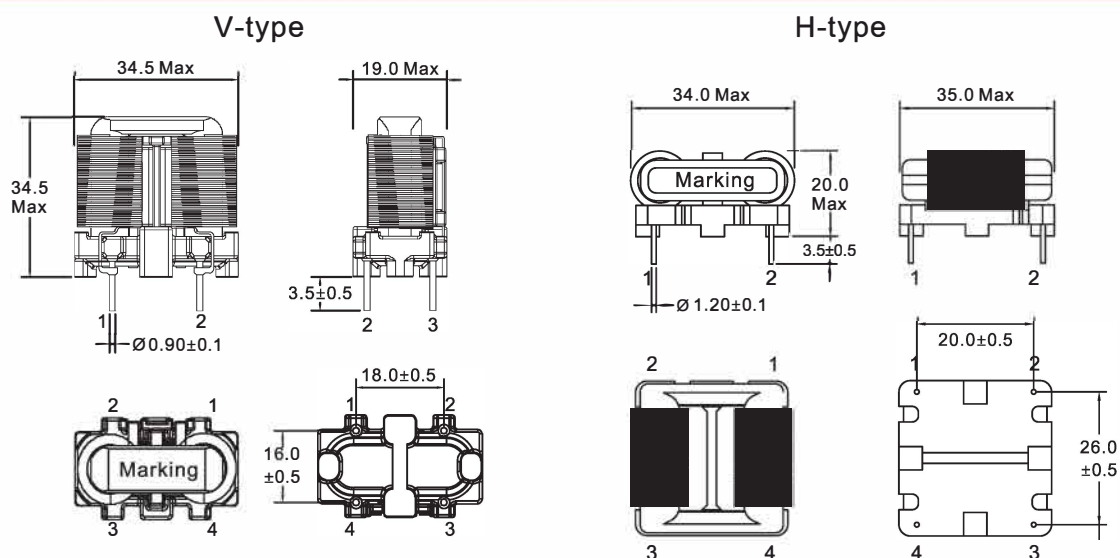
Rated Voltage: AC/DC 250V.
 Operating Temperature Range: -40°C~120°C
 Withstanding Voltage: AC 2000V 60sec or AC 2400V
 1~2sec[LINe to LINe].
 Insulation Resistance: 0 C 500V, 100Mohm Min
 [LINe to LINe].
 Temperature Rise: 40°C Max. at Rated Current

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (mH)Min	Rated current (A)Max	Power Range (W)	
FACCF19V-453Y0R5	FACCF19H-453Y0R5	45	0.5	40
FACCF19V-403Y0R6	FACCF19H-403Y0R6	40	0.6	48
FACCF19V-353Y0R65	FACCF19H-353Y0R65	35	0.65	52
FACCF19V-303Y0R7	FACCF19H-303Y0R7	30	0.7	56
FACCF19V-253Y0R9	FACCF19H-253Y0R9	25	0.9	72
FACCF19V-253Y1R1	FACCF19H-253Y1R1	25	1.1	88
FACCF19V-223Y0R9	FACCF19H-223Y0R9	22	0.9	72
FACCF19V-203Y1R2	FACCF19H-203Y1R2	20	1.2	96
FACCF19V-203Y1R5	FACCF19H-203Y1R5	20	1.5	120
FACCF19V-183Y1R1	FACCF19H-183Y1R1	18	1.1	88
FACCF19V-153Y1R25	FACCF19H-153Y1R25	15	1.25	100
FACCF19V-153Y1R5	FACCF19H-153Y1R5	15	1.5	120
FACCF19V-123Y1R8	FACCF19H-123Y1R8	12	1.8	144
FACCF19V-103Y2R25	FACCF19H-103Y2R25	10	2.25	180

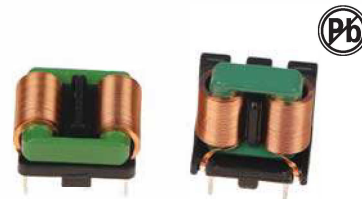
Rated Inductance L R M measured at 1KHz, 250mV, 20°C

TECHNICAL INFORMATION



DIMENSIONS:mm

FRAME CORE CHOKES FACCF24V&H SERIES



FEATURES:

Small size, Low leakage flux due to 0 SQ core.
 Low stray capacitance, High attenuation of a wide frequency band.
 There is no danger of the layer short for the single-layer rolling.
 High attenuation to the normal mode noise.
 Winding time 90% down.
 High inductance was achieved by the ferrite mixing and the baking technology that developed originally.

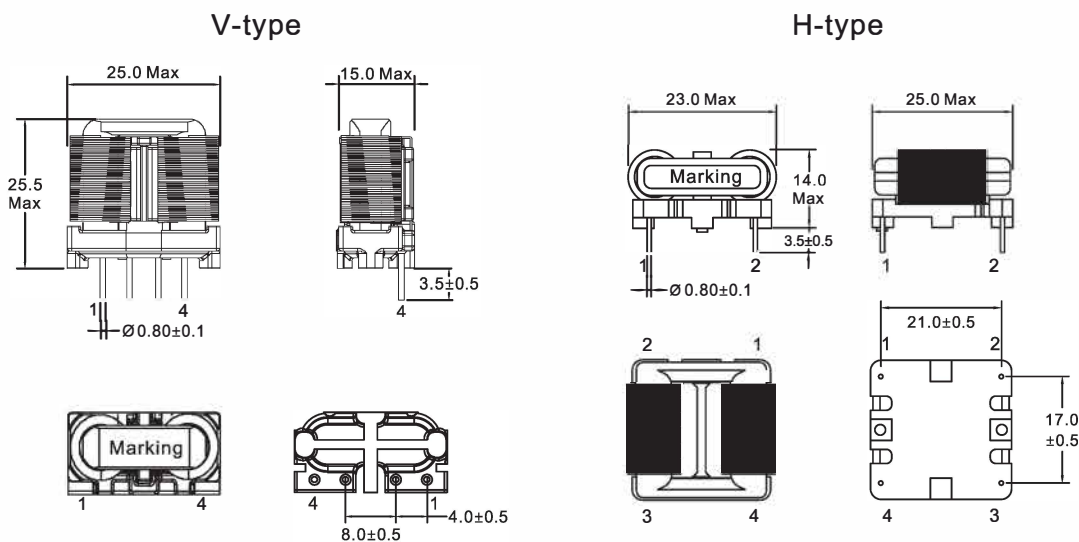
SPECIFICATION:

Rated Voltage: AC/DC 250V.
 Operating Temperature Range: -40°C ~ 120°C
 Withstanding Voltage: AC 2000V 60sec or AC 2400V
 1 ~ 2sec [LINE to LINE].
 Insulation Resistance: DC 500V, 100Mohm Min
 [LINE to LINE].
 Temperature Rise: 40°C Max. at Rated Current.

ELECTRICAL CHARACTERISTICS				
Part Number		Inductance [mH]Min	Rated current [A]Max	Power Range [W]
FACCF24V-153Y2R7	FACCF24H-153Y2R7	15	2.70	216
FACCF24V-103Y3R15	FACCF24H-103Y3R15	10	3.15	252
FACCF24V-802Y3R6	FACCF24H-802Y3R6	8.0	3.60	288
FACCF24V-602Y4R5	FACCF24H-602Y4R5	6.0	4.50	360
FACCF24V-402Y5R4	FACCF24H-402Y5R4	4.0	5.40	432

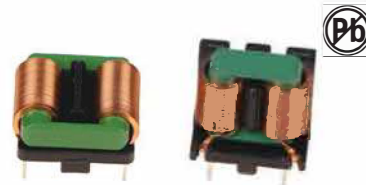
Rated Inductance LR Measured at 1KHz, 250mV, 20°C

TECHNICAL INFORMATION



DIMENSIONS:mm

FRAME CORE CHOKES FACCF33V&H SERIES



FEATURES:

Small size, Low leakage flux due to D SQ core.
 Low stray capacitance, High attenuation of a wide frequency band.
 There is no danger of the layer short for the single-layer rolling.
 High attenuation to the normal mode noise.
 Winding time 90% down.
 High inductance was achieved by the ferrite mixing and the baking technology that developed originally.

SPECIFICATION:

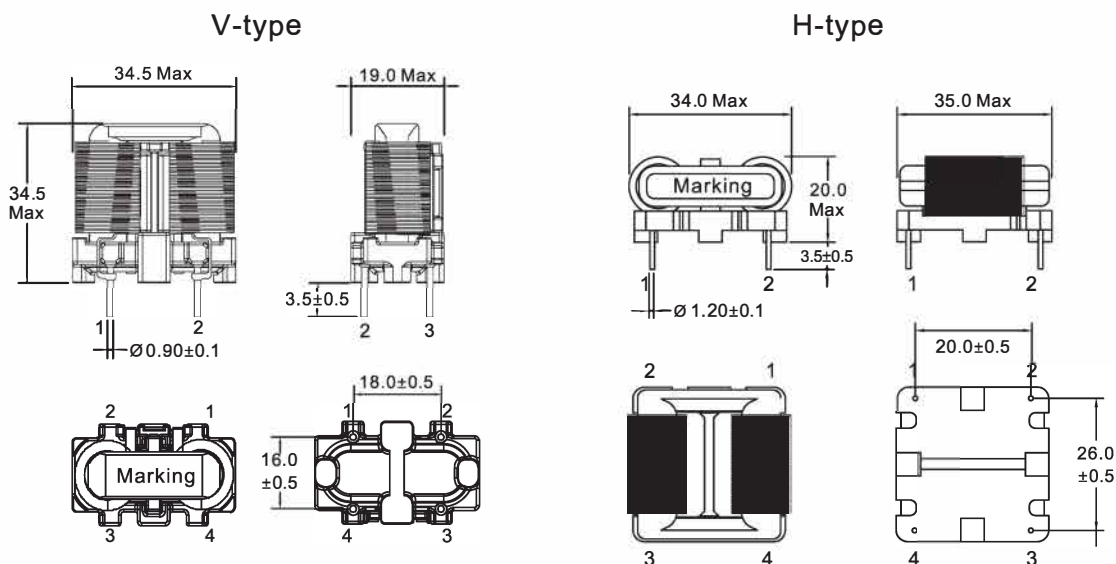
Rated Voltage: AC/DC 250V.
 Operating Temperature Range: -40°C ~ 120°C
 Withstanding Voltage: AC 2000V 60sec or AC 2400V
 1 ~ 2sec [LINE to LINE].
 Insulation Resistance: DC 500V, 100Mohm Min
 [LINE to LINE].
 Temperature Rise: 40°C Max. at Rated Current.

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (mH)Min	Rated current (A)Max	Power Range (W)	
FACCF33V-153Y5R4	FACCF33H-153Y5R4	15	5.4	432
FACCF33V-103Y6R3	FACCF33H-103Y6R3	10	6.3	504
FACCF33V-802Y8R6	FACCF33H-802Y8R6	8.0	8.6	688
FACCF33V-602Y12R0	FACCF33H-602Y12R0	6.0	12.0	960

Rated Inductance L R M easured at 1KHz, 250mV, 20°C

TECHNICAL INFORMATION



DIMENSIONS:mm

FRAME CORE CHOKES

FACCF16 Series for Power Lines

- Rated current: L_R at 50Hz and $T_A=40^\circ\text{C}$
- Rated voltage: 250VAC
- Clearance and creepage distance: $>3\text{mm}$
- Lead spacing: $18.75 \times 10.0 \pm 0.2\text{mm}$
- Climatic category 40/125/56 (to IEC 60068-1)
- Excellent differential-mode suppression
- Weight: approximately 9g

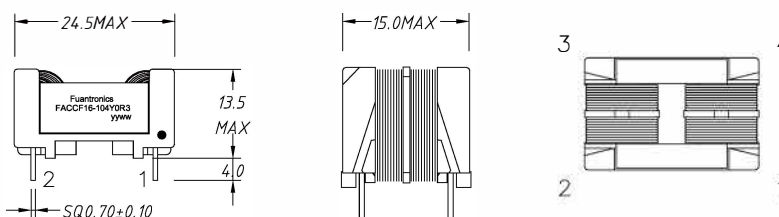


FACCF16 Series

L_R +30/-50%	mH	10	15	27	39	47	68	100
L_R typ	A	1.6	1.3	0.9	0.8	0.7	0.6	0.45
L_{stray} typ	μH	200	290	520	760	920	1340	1930
R_{typ}	m Ω	290	430	770	1100	1260	1970	2930
Ordering code		FACCF16-103Y1R6	FACCF16-153Y1R3	FACCF16-273Y0R9	FACCF16-393Y0R8	FACCF16-473Y0R7	FACCF16-683Y0R6	FACCF16-104Y0R45

Rated inductance L_R : measured at 10kHz, 0.1 mA, 20°C

Frame Core Chokes for Power Lines



APPLICATIONS

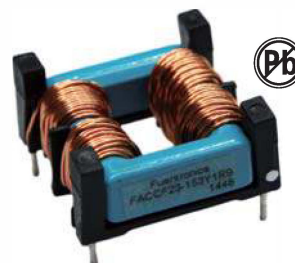
- LIGHTING
- MEDICAL
- INDUSTRIAL



FRAME CORE CHOKES

FACCF23H Series for Power Lines

- Rated current: L_R at 50Hz and $T_A=40^\circ\text{C}$
- Rated voltage: 250VAC
- Clearance and creepage distance: $>3\text{mm}$
- Lead spacing: $22.5 \times 20.0 \pm 0.2\text{mm}$
- Climatic category 40/125/56 (to IEC 60068-1)
- Excellent differential-mode suppression
- Weight: approximately 17g

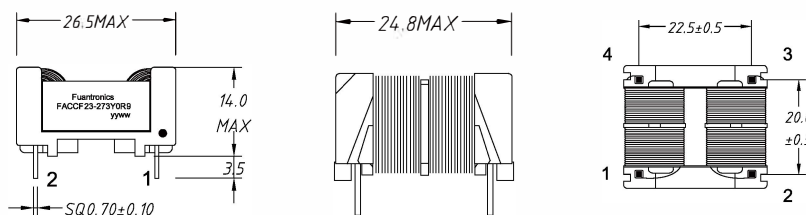


FACCF23H Series

$L_R +30/-50\%$	mH	10	15	27	39	47	68	100
$L_{R\text{ typ}}$	A	2.3	1.9	1.4	1.2	1.1	0.9	0.7
$L_{\text{stray typ}}$	μH	200	310	530	800	970	1440	2100
R_{typ}	m Ω	188	279	440	696	804	1100	1810
Ordering code		FACCF23H-103Y2R3	FACCF23H-153Y1R9	FACCF23H-273Y1R4	FACCF23H-393Y1R2	FACCF23H-473Y1R1	FACCF23H-683Y0R9	FACCF23H-104Y0R7

Rated inductance L_R : measured at 10kHz, 0.1 mA, 20°C

Frame Core Chokes for Power Lines



APPLICATIONS

- OUTDOOR LIGHTING
- INDOOR LIGHTING
- STREET LIGHTING



FRAME CORE CHOKES

FACCF23V Series for Power Lines

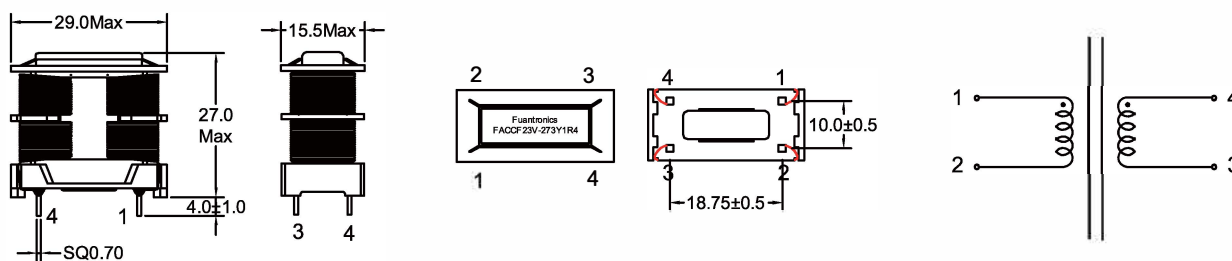
- Rated current 0.7 A to 2.3 A
- Rated voltage 250 VAC
- Turns ratio: N1 : N2 = 1 : 1 ±2%
- Hi-Pot: Pri-Sec: 1500VAC/5mA/2Second
- Test frequency response: 10KHz 100mV
- Operating temperature range: -40°C to +120°C
- Inductance tolerance: +50/-30% at 20C
- All parts meet RoHS compliance
- Weight: approximately 17g



FACCF23V Series

L _R +30/-50%	mH	10	15	27	39	47	68	100
L _R typ	A	2.3	1.9	1.4	1.2	1.1	0.9	0.7
L _{stray} typ	μH	200	310	530	800	970	1440	2100
R _{typ}	mΩ	188	279	440	696	804	1100	1810
Ordering code		FACCF23V-103Y2R3	FACCF23V-153Y1R9	FACCF23V-273Y1R4	FACCF23V-393Y1R2	FACCF23V-473Y1R1	FACCF23V-683Y0R9	FACCF23V-104Y0R7

Rated inductance L_R : measured at 10kHz, 0.1 mA, 20°C



APPLICATIONS

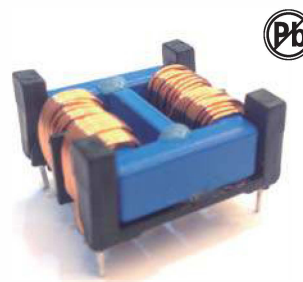
- LIGHTING
- MEDICAL
- INDUSTRIAL



FRAME CORE CHOKES

FACCF23BH Series for Power Lines

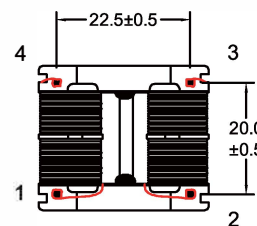
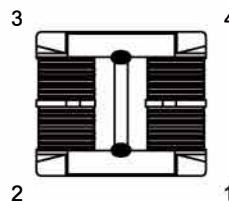
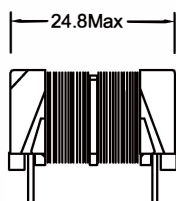
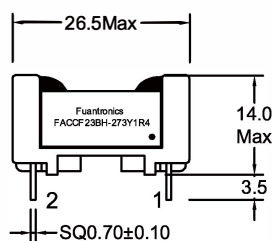
- Rated current 0.7 A to 2.3 A
- Rated voltage 250 VAC
- Turns ratio: N1 : N2 = 1 : 1 ±2%
- Hi-Pot: Pri-Sec: 1500VAC/5mA/2Second
- Test frequency response: 10KHz 100mV
- Operating temperature range: -40°C to +120°C
- Inductance tolerance: +50/-30% at 20C
- All parts meet RoHS compliance
- Weight: approximately 19g



FACCF23BH Series

L_R +30/-50%	mH	10	15	27	39	47	68	100
L _R typ	A	2.3	1.9	1.4	1.2	1.1	0.9	0.7
L _{stray} typ	μH	375	530	1000	1440	1800	2500	3600
R _{typ}	mΩ	188	279	440	696	804	1100	1810
Ordering code		FACCF23BH-103Y2R3	FACCF23BH-153Y1R9	FACCF23BH-273Y1R4	FACCF23BH-393Y1R2	FACCF23BH-473Y1R1	FACCF23BH-683Y0R9	FACCF23BH-104Y0R7

Rated inductance L_R : measured at 10kHz, 0.1 mA, 20°C



APPLICATIONS

- LIGHTING
- MEDICAL
- INDUSTRIAL



FRAME CORE CHOKES

FACCF23BV Series for Power Lines

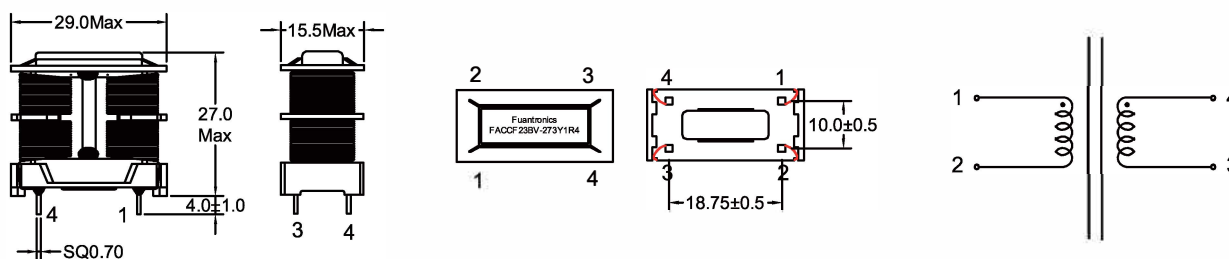
- Rated current 0.7 A to 2.3 A
- Rated voltage 250 VAC
- Turns ratio: N1 : N2 = 1 : 1 ±2%
- Hi-Pot: Pri-Sec: 1500VAC/5mA/2Second
- Test frequency response: 10KHz 100mV
- Operating temperature range: -40°C to +120°C
- Inductance tolerance: +50/-30% at 20C
- All parts meet RoHS compliance
- Weight: approximately 19g



FACCF23BV Series

L _R +30/-50%	mH	10	15	27	39	47	68	100
L _R typ	A	2.3	1.9	1.4	1.2	1.1	0.9	0.7
L _{stray} typ	μH	375	530	1000	1440	1800	2500	3600
R _{typ}	mΩ	188	279	440	696	804	1100	1810
Ordering code		FACCF23BV -103Y2R3	FACCF23BV -153Y1R9	FACCF23BV -273Y1R4	FACCF23BV -393Y1R2	FACCF23BV -473Y1R1	FACCF23BV -683Y0R9	FACCF23BV -104Y0R7

Rated inductance L_R : measured at 10kHz, 0.1 mA, 20°C



APPLICATIONS

- OUTDOOR LIGHTING
- INDOOR LIGHTING
- STREET LIGHTING



FRAME CORE CHOKES

FEATURES

- Small size, low leakage flux due to OSQ core
- Low stray capacitance, High attenuation of a wide frequency band
- There is no danger of the layer short for the single-layer rolling
- High attenuation to the normal mode noise
- Winding time 90% down
- High inductance was achieved by the ferrite mixing and the baking technology that developed originally.
- Weight: approximately 50g



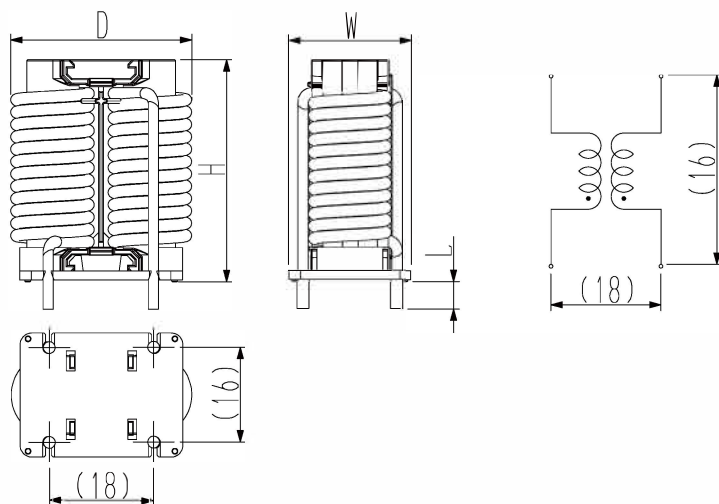
SPECIFICATION

- Rated Voltage: AC/DC 250V
- Operating Temperature Range: -40~120°C
- Withstanding Voltage: AC2000V 60sec. or AC2400V 1~2sec.(LINE to LINE)
- Insulation Resistance: DC500V, 100MΩmin.(LINE to LINE)

FACCF35V Series

$L_R +30/-50\%$	mH	0.6	0.8	0.8	0.9	1.1	1.2	1.5
$L_{R typ}$	A	25	20	17	16	15	13	10
R_{typ}	mΩ	4.5	6.5	7	8	9.5	12.5	14
Ordering code		FACCF35V -25A004	FACCF35V -20A006	FACCF35V -17A006	FACCF35V -16A007	FACCF35V -15A007	FACCF35V -13A008	FACCF35V -10A010

Rated inductance L_R : measured at 10kHz, 0.1 mA, 20°C



D = 34 max.
H = 39 max.
W = 24 max.
L = (5)