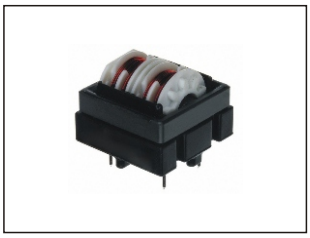
FULLSTAR

FET2422H,2836H SERIES

THROUGH–HOLE COMMON MODE CHOKES



FEATURES:

- 0.4A to 4A ratings,low temperature rise
- 1.8mH to 68mH dual chokes
- Excellent Mechanical Strength
- 100KHz to 3MHz common mode resonance
- High Reliability and variant PCB–mount housing
- Low resistance and temperature rise

COMMON APPLICATIONS:

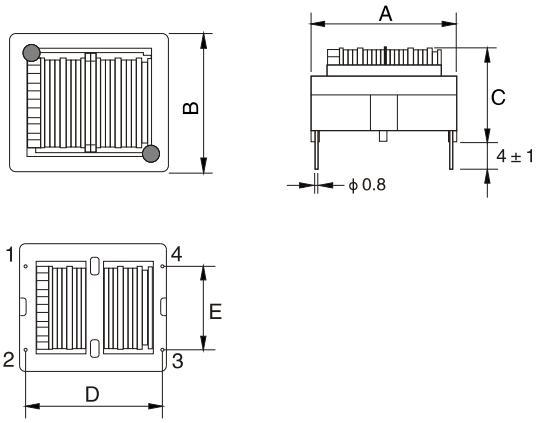
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment

It accord with the standards of FCC VCCI CISPR FTZ,etc, eliminating of electromagnetic noise of power and signal circuit.

ELECTRICAL CHARACTERISTICS:

Part Number	Nominal inductance (mH) Min.	Leakage Inductance (μH)Max.	D.C.R (Ω) Max.	Rated current I(A) Max
FET2422H–683Y	68	700	2.3	0.4
FET2422H–453Y	45	600	1.65	0.5
FET2422H–333Y	33	500	1.2	0.6
FET2422H–253Y	25	400	0.88	0.8
FET2422H–203Y	20	350	0.64	1.0
FET2422H–103Y	10	250	0.38	1.2
FET2422H–452Y	4.5	150	0.19	1.5
FET2422H–392Y	3.9	150	0.15	1.8
FET2422H–332Y	3.3	100	0.11	2.0
FET2422H–242Y	2.4	95	0.09	2.5
FET2836H–353Y	35	650	0.78	1.0
FET2836H–253Y	25	500	0.56	1.2
FET2836H–203Y	20	400	0.41	1.5
FET2836H–123Y	12	300	0.27	1.8
FET2836H–802Y	8	200	0.18	2.0
FET2836H–562Y	5.6	200	0.13	2.5
FET2836H–472Y	4.7	150	0.10	2.8
FET2836H–332Y	3.3	100	0.088	3.0
FET2836H–182Y	1.8	40	0.05	4.0

CHARACTERISTICS:



DIMENSIONS IN: mm

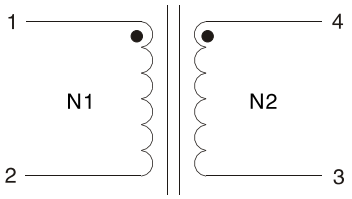
Part Number	A	B	C	D	E
FET2422H	26max	26max	22max	21 ± 0.5	15 ± 0.5
FET2836H	31max	31max	26max	24 ± 0.5	20 ± 0.5

TECHNICAL INFORMATION:

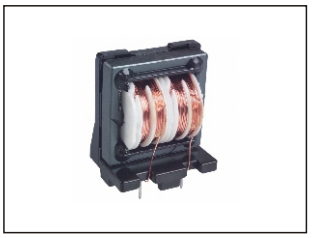
- Max operating voltage:250V at 40℃
- IDC Max: rating AC/DC current A @40℃
- Hi–Pot 2500V AC winding to winding 3S.
- Insulation resistance 100MΩ Min DC 500V
- Temperature Rise Max:40℃
- Inductance Testing: 10KHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmmeter
- Surge current Max 10ms: 20X IDC
- Operating temperature: –40℃ to +105℃
- Storage Temperature: –40℃ to +105℃
- Resistance to soldering heat:260℃ for 10 seconds
- Marking: Part number and date code

Note:All specifications subject to change without notice.

ELECTRONICAL SCHEMATIC



THROUGH–HOLE COMMON MODE CHOKES



FEATURES:

- 0.4A to 4A ratings,low temperature rise
- 1.8mH to 68mH dual chokes
- Excellent Mechanical Strength
- 100KHz to 3MHz common mode resonance
- High Reliability and variant PCB–mount housing
- Low resistance and temperature rise

COMMON APPLICATIONS:

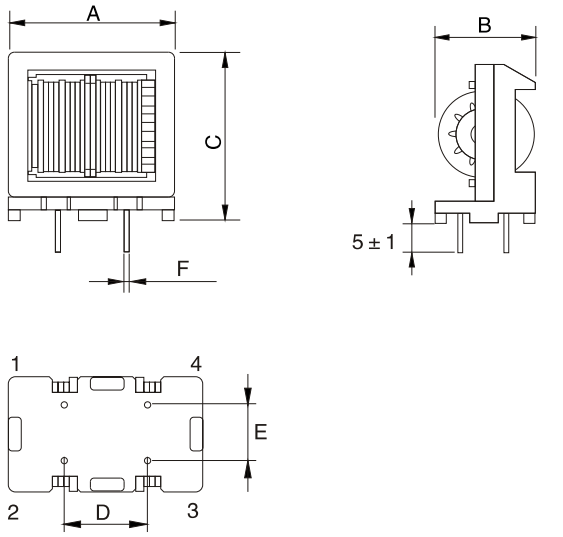
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment

It accord with the standards of FCC VCCI CISPR FTZ,etc, eliminating of electromagnetic noise of power and signal circuit.

ELECTRICAL CHARACTERISTICS:

Part Number	Nominal inductance (mH) Min.	Leakage Inductance (μH)Max.	D.C.R (Ω) Max.	Rated current I(A) Max
FET2430V–683Y	68	700	2.3	0.4
FET2430V–453Y	45	600	1.65	0.5
FET2430V–333Y	33	500	1.2	0.6
FET2430V–253Y	25	400	0.88	0.8
FET2430V–203Y	20	350	0.64	1.0
FET2430V–103Y	10	250	0.38	1.2
FET2430V–452Y	4.5	150	0.19	1.5
FET2430V–392Y	3.9	150	0.15	1.8
FET2430V–332Y	3.3	100	0.11	2.0
FET2430V–242Y	2.4	95	0.09	2.5
FET2836V–353Y	35	650	0.78	1
FET2836V–253Y	25	500	0.56	1.2
FET2836V–203Y	20	400	0.41	1.5
FET2836V–123Y	12	300	0.27	1.8
FET2836V–802Y	8	200	0.18	2
FET2836V–562Y	5.6	150	0.13	2.5
FET2836V–472Y	4.7	150	0.1	2.8
FET2836V–332Y	3.3	100	0.088	3
FET2836V–182Y	1.8	40	0.05	4
FET3435V–153Y	15	450	0.21	2.2
FET3435V–123Y	12	350	0.17	2.5
FET3435V–103Y	10	300	0.13	2.7
FET3435V–822Y	8.2	300	0.105	3
FET3435V–562Y	5.6	250	0.077	3.5
FET3435V–472Y	4.7	200	0.062	4
FET3435V–333Y	33	900	0.42	1.5
FET3435V–223Y	22	700	0.29	1.8
FET3435V–183Y	18	500	0.23	2

CHARACTERISTICS:



DIMENSIONS IN: mm

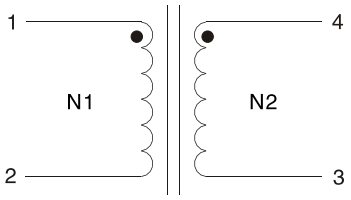
Part Number	A	B	C	D	E	F
FET2430V	26max.	19max.	31.5max.	13 ± 0.5	10 ± 0.5	ϕ 0.8
FET2836V	31Max	22Max	36Max	13 ± 0.5	10.0 ± 0.5	ϕ 0.8
FET3435V	37Max	26Max	45Max	21 ± 0.5	15.0 ± 0.5	ϕ 1.2

TECHNICAL INFORMATION:

- Max operating voltage:250V at 40℃
- IDC Max: rating AC/DC current A @40℃
- Hi–Pot 2500V AC winding to winding 3S.
- Insulation resistance 100MΩ Min DC 500V
- Temperature Rise Max:40℃
- Inductance Testing: 10KHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmmeter
- Surge current Max 10ms: 20X IDC
- Operating temperature: –40℃ to +105℃
- Storage Temperature: –40℃ to +105℃
- Resistance to soldering heat:260℃ for 10 seconds
- Marking: Part number and date code

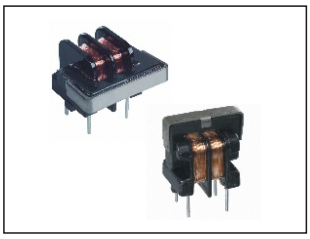
Note:All specifications subject to change without notice.

ELECTRONICAL SCHEMATIC



FCM1922,2327,3221 SERIES

THROUGH–HOLE COMMON MODE CHOKES



FEATURES:

- 0.3A to 5A ratings,low temperature rise
- 0.6mH to 50mH dual chokes
- Excellent Mechanical Strength
- 100KHz to 3MHz common mode resonance
- High Reliability and variant PCB–mount housing
- Low resistance and temperature rise

COMMON APPLICATIONS:

- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment

It accord with the standards of FCC VCCI CISPR FTZ,etc, eliminating of electromagnetic noise of power and signal circuit.

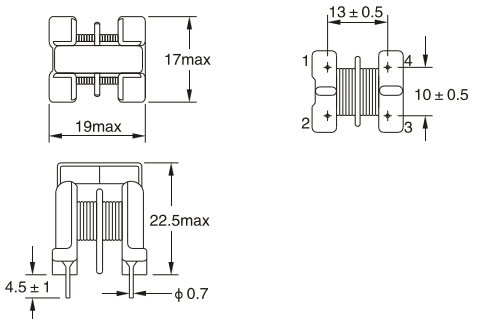
ELECTRICAL CHARACTERISTICS:

Part Number	Inductance L(Min) mH	Inductance Tolerence (uH)Max	DCR Ω Max	IDC Max A
FCM1922–601Y	0.6	50	0.12	2.0
FCM1922–801Y	0.8	50	0.2	1.5
FCM1922–102Y	1.0	100	0.4	1.0
FCM1922–202Y	2.0	100	0.4	1.0
FCM1922–302Y	3.0	60	0.5	0.9
FCM1922–502Y	5.0	200	1.2	0.5
FCM1922–752Y	7.5	100	2.0	0.4
FCM1922–103Y	10.0	300	2.0	0.3
FCM2327–102Y	1.0	60	0.4	1.0
FCM2327–182Y	1.8	80	0.6	0.8
FCM2327–252Y	2.5	80	0.6	0.8
FCM2327–402Y	4.0	100	0.7	0.8
FCM2327–602Y	6.0	100	0.8	0.8
FCM2327–792Y	7.9	100	0.8	0.8
FCM2327–103Y	10.0	140	0.8	0.8
FCM2327–143Y	14.0	140	1.0	0.5
FCM2327–203Y	20.0	160	1.2	0.5
FCM2327–253Y	25.0	160	1.2	0.5
FCM2327–323Y	32.0	20	2.0	0.5
FCM2327–453Y	45.0	200	2.5	0.5
FCM3221–102Y	1.0	50	0.03	5.0
FCM3221–152Y	1.5	50	0.06	4.0
FCM3221–302Y	3.0	60	0.1	3.0
FCM3221–502Y	5.0	80	0.15	3.0
FCM3221–752Y	7.5	100	0.2	2.0
FCM3221–103Y	10	120	0.25	2.0
FCM3221–123Y	12	150	0.4	1.0
FCM3221–183Y	16	180	0.5	1.0
FCM3221–203Y	20	200	0.7	0.9
FCM3221–250Y	25	230	1.2	0.8
FCM3221–353Y	35	260	2.0	0.5
FCM3221–503Y	50	300	3.0	0.3

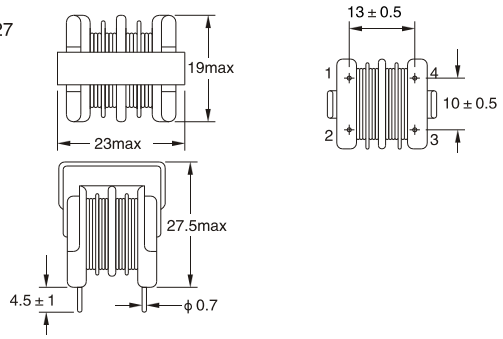
CHARACTERISTICS:

DIMENSIONS IN:mm

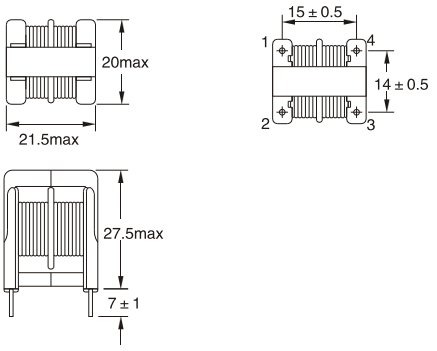
FCM1922



FCM2327



FCM3221

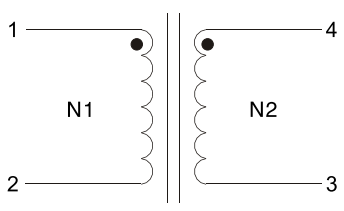


TECHNICAL INFORMATION:

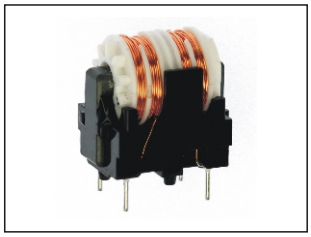
- Max operating voltage:250V at 40℃
- IDC Max: rating AC/DC current A @40℃
- Hi–Pot 2500V AC winding to winding 3S.
- Insulation resistance 100MΩ Min DC 500V
- Temperature Rise Max:40℃
- Inductance Testing: 10KHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmmeter
- Surge current Max 10ms: 20X IDC
- Operating temperature: –40℃ to +105℃
- Storage Temperature: –40℃ to +105℃
- Resistance to soldering heat:260℃ for 10 seconds
- Marking: Part number and date code

Note:All specifications subject to change without notice.

ELECTRONICAL SCHEMATIC



THROUGH–HOLE COMMON MODE CHOKES



FEATURES:

- 0.8A to 3A ratings,low temperature rise
- 0.6mH to 12mH dual chokes
- Excellent Mechanical Strength
- 100KHz to 3MHz common mode resonance
- High Reliability and variant PCB–mount housing
- Low resistance and temperature rise

COMMON APPLICATIONS:

- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment

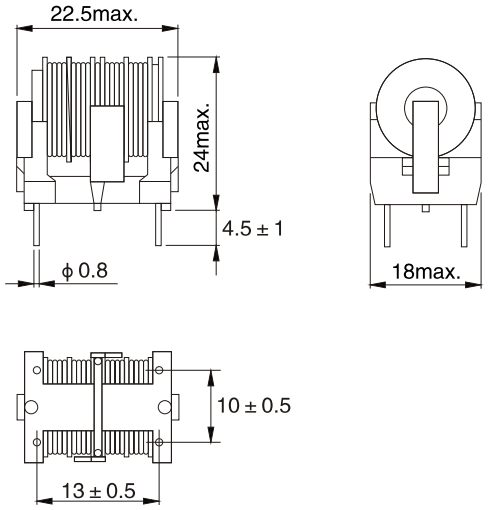
It accord with the standards of FCC VCCI CISPR FTZ,etc, eliminating of electromagnetic noise of power and signal circuit.

ELECTRICAL CHARACTERISTICS:

Part Number	Nominal Inductance (mH) Min.	Leakage Inductance (μH)Max.	D.C.R (Ω) Max.	Rated currentI(A) Max
FUT2024–123Y	12	200	0.92	0.8
FUT2024–622Y	6.2	150	0.50	1.0
FUT2024–242Y	2.4	80	0.18	1.7
FUT2024–601Y	0.6	40	0.06	3.0

CHARACTERISTICS:

DIMENSIONS IN: mm



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