

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:

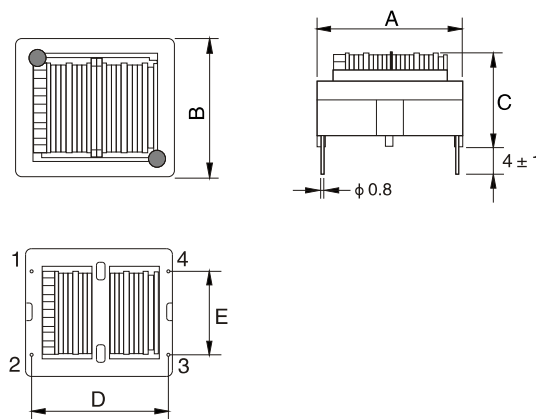
- DC/DC, AC/DC line noise suppression
 - Communication System
 - Automotive Systems
 - LCD/PDPTelevisions
 - Computer Peripheral Equipment
- It accord with the standards of FCC VCCI CISPR FTZ, etc, eliminating of electromagnetic noise of power and signal circuit.



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:



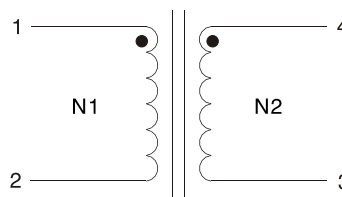
DIMENSIONS IN: mm

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°C
 - IDC Max: rating AC/DC current A @ 40°C
 - Hi-Pot 2500V AC winding to winding 3S.
 - Insulation resistance 100MΩ Min DC 500V
 - Temperature Rise Max: 40°C
 - Inductance Testing: 10KHz 0.1V HP4284A
 - RDC: QuadTech 1880 Milliohm meter
 - Surge current Max 10ms: 20X IDC
 - Operating temperature: -40°C to +105°C
 - Storage Temperature: -40°C to +105°C
 - Resistance to soldering heat: 260°C for 10 seconds
 - Marking: Part number and date code
- Note: All specifications subject to change without notice.

ELECTRONICAL SCHEMATIC



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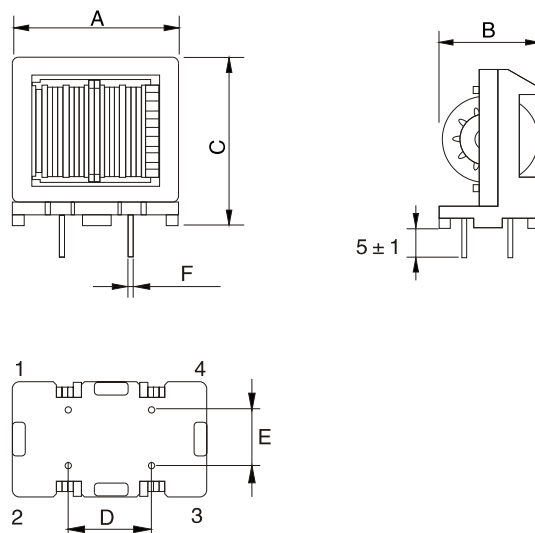
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ELECTRICAL CHARACTERISTICS:

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

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