

THROUGH-HOLE TOROIDAL COMMON MODE CHOKES

FWCMT SERIES

1814, 2317, 2620, 3523, 3525

FEATURES:

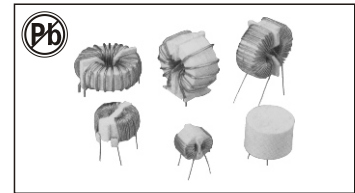
- 0.3A to 10A ratings
- 0.7mH to 100mH dual chokes
- Excellent Mechanical Strength
- 100KHz to 3MHz common mode resonance
- High Reliability and variant PCB-mount housing
- Low resistance and temperature rise

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

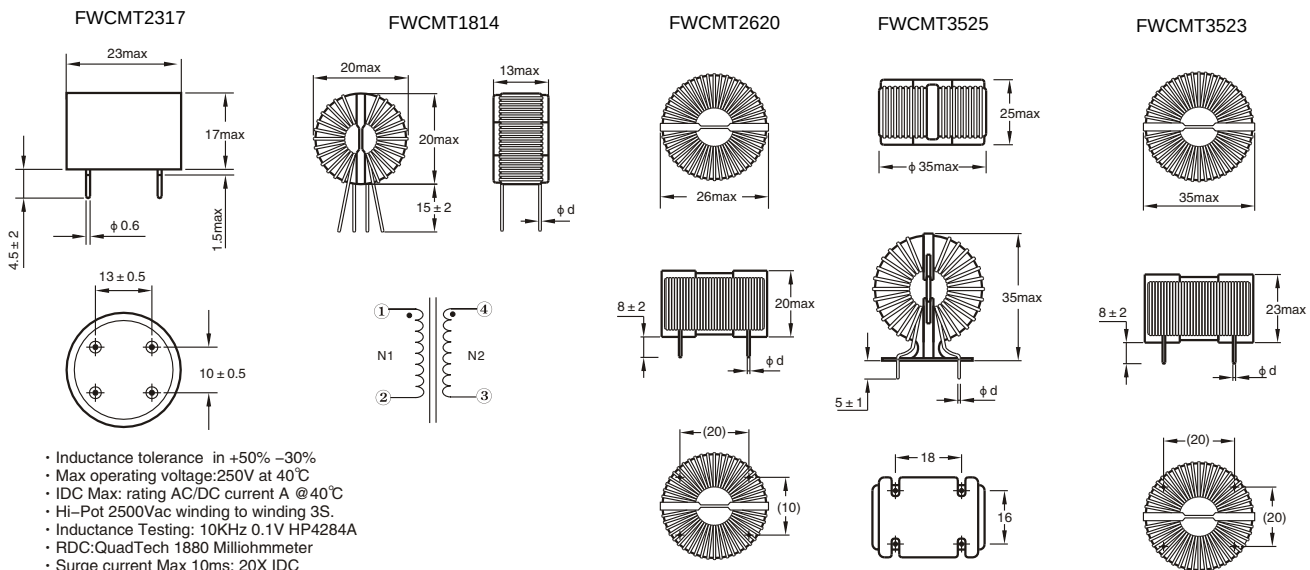
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment It accord with the standards of FCC VCCI CISPR FTZ,etc, eliminating of electromagnetic noise of power and signal circuit.



ELECTRICAL CHARACTERISTICS:

Part Number	Inductance L mH	DCR mΩ Max	IDC Max A	Φd (mm)	Part Number	Inductance L mH	DCR mΩ Max	IDC Max A	Φd (mm)
FWCMT1814-402Y	4.0	200.0	1.500	0.51	FWCMT3525-103Y	10.0	180.0	3.500	0.8
FWCMT1814-202Y	2.2	100.0	1.500	0.51	FWCMT3525-802Y	8.0	110.0	3.500	0.8
FWCMT1814-102Y	1.0	120.0	1.500	0.51	FWCMT3525-532Y	5.3	100.0	4.500	0.8
FWCMT1814-102Y	1.0	75.0	1.000	0.41	FWCMT3525-452Y	4.5	50.0	4.000	1
FWCMT2317-102Y	1.0	120.0	2.500	0.6	FWCMT3525-402Y	4.0	40.0	8.000	1.1
FWCMT2317-801Y	0.8	120.0	2.500	0.6	FWCMT3525-302Y	3.0	80.0	6.000	0.9
FWCMT2317-601Y	0.6	110.0	2.500	0.6	FWCMT3525-232Y	2.3	50.0	5.000	0.8
FWCMT2317-401Y	0.4	100.0	2.50	0.6	FWCMT3525-102Y	1.0	20.0	10.00	1.3
FWCMT2317-201Y	0.2	80.0	2.50	0.6	FWCMT3525-701Y	0.7	8.0	12.00	1.5
FWCMT2620-602Y	6.0	160.0	1.5	0.51	FWCMT3525-201Y	0.2	6.0	18	1.8
FWCMT2620-452Y	4.5	150.0	2	0.53	FWCMT3523-852Y	8.5	110.0	3	0.8
FWCMT2620-232Y	2.3	100.0	3	0.69	FWCMT3523-702Y	5.0	90.0	5	0.8
FWCMT2620-202Y	2.0	50.0	4.000	0.75	FWCMT3523-502Y	2.3	50.0	3.300	0.8
FWCMT2620-102Y	1.2	60	5.000	0.8	FWCMT3523-402Y	2.0	22	6.500	1
FWCMT2620-102Y	1.0	25.0	6.00	0.9	FWCMT3523-302Y	1.2	21.0	10.00	1.3
FWCMT2620-601Y	0.6	10.0	9.00	1	FWCMT3523-232Y	0.5	5.0	18.00	1.8
FWCMT2620-301Y	0.3	8.0	10	1.2	FWCMT3523-202Y	10.0	280.0	2	0.53
FWCMT3525-303Y	30.0	220.0	3	0.8	FWCMT3523-122Y	7.0	230.0	2.5	0.6
FWCMT3525-143Y	14.0	220.0	3.5	0.8	FWCMT3523-501Y	3.0	100.0	4	0.7

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



- Inductance tolerance in +50% -30%
 - Max operating voltage: 250V at 40°C
 - IDC Max: rating AC/DC current A @ 40°C
 - Hi-Pot 2500Vac winding to winding 3S.
 - Inductance Testing: 10KHz 0.1V HP4284A
 - RDC: QuadTech 1880 Milliohmmeter
 - 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.

DIMENSIONS IN: mm