

SURFACE-MOUNT WOUND COMMON MODE CHOKES

SF0805 1206 & CM01-02 SERIES

FEATURES:

Ferrite Core bobbin construction
High frequency and Large current
Excellent Mechanical Strength
Excellent Solderability
Excellent Frequency performance
Low Profile and Lowcost

OPTIONS:

Packaging:Tape & Reel is standard
(Qty:2000pcs)
Bulk packaging available for smaller quantities
Tolerance:20% is standard,
tighter tolerances available

COMMON APPLCATIONS:

DC/DCAC/DC: convertor
Video Cameras
Communication System
Automotive Systems
Liquid Crystal Televisions
Hard Disk Drives
Network Systems
Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS: MSN: bruce_fu-vip@hotmail.com

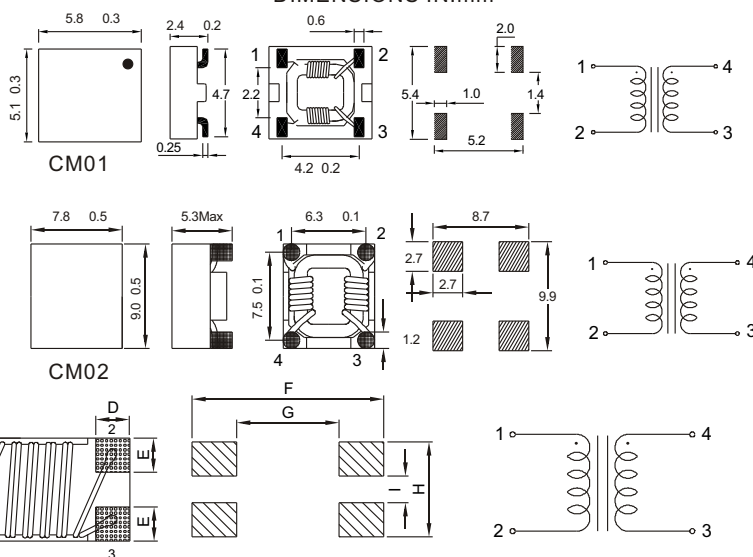
Part Number	Common Mode Impedance @3MHz ()min	IDC (A) Max	DCR (m) Max	Rated Voltage VDC	Wistanding Voltage (CH-901)	Part Number	Common Mode Impedance @100MHz ()TYPE	IDC (mA) Max	DCR () Max	Rated Voltage VDC	Wistanding Voltage (CH-901)
CM01-301M	300	0.5	25	80	AC150V 2mA/1min	SF0805-670	47 (67)	400	0.25	50	125VDC
CM02-501M	500	0.8	70	80		SF0805-900	63 (90)	330	0.35	50	125VDC
CM02-801M	800	0.6	180	80		SF0805-121	84 (120)	370	0.30	50	125VDC
CM02-102M	1000	0.5	200	80		SF0805-181	126 (180)	330	0.35	50	125VDC
CM02-202M	2000	0.4	270	80		SF0805-261	182 (260)	300	0.40	50	125VDC
CM02-302M	3000	0.35	330	80		SF0805-371	259 (370)	280	0.45	50	125VDC
CM02-402M	4000	0.30	550	80		SF1206-900	63 (90)	370	0.30	50	125VDC
CM02-502M	5000	0.25	620	80		SF1206-161	112 (160)	340	0.40	50	125VDC
						SF1206-261	182 (260)	310	0.50	50	125VDC
						SF1206-601	420 (600)	260	0.80	50	125VDC
						SF1206-102	700 (1000)	230	1.00	50	125VDC
						SF1206-222	1540 (2200)	200	1.20	50	125VDC

Note:1. K= 10%,M= 20%,N= 30%

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Inductance Testing: 1KHz 1V HP4284A
Z test with HP4191A or HP4395A
RDC:QuadTech 1880 Milliohmmeter
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.

DIMENSIONS IN:mm



Part Number	A	B	C	D	E	F	G	H	I
SF0805	2.060.2	1.2 0.2	1.1 0.2	0.45	0.4	2.6	0.8	1.3	0.4
SF1206	3.260.2	1.6 0.2	1.4 0.2	0.60	0.6	3.8	1.6	1.6	0.4

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