

COMMON MODE FILTERS 共模滤波器

CTC-SERIES

FEATURES

- Easy assembling due to 4 pin housing
- Compact and small size
- 4 soldering pins for perfect mechanical decoupling
- Toroidal core choke with sector winding
- High interference suppression for common mode interferences in low and middle frequency ranges
- Low stray field
- Operating temperature: -40 °C bis 125 °C
- Flammability corresponding to UL 94 V-0
- Certified according IEC 60938-2

APPLICATIONS

- EMC filter
- Mains line filter
- Power electronics
- Interference suppression in motors
- Common mode filters

DIMENSIONS AND SHAPES(mm)

FIG1

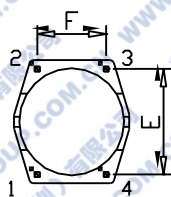
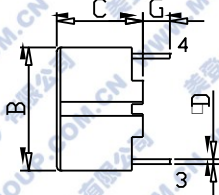
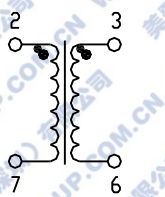
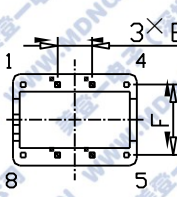
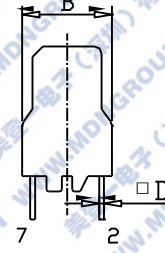
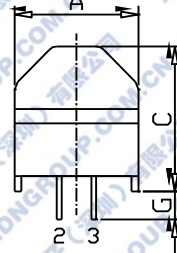


FIG2



P/N	A Max	B Max	C Max	D ± 0.10	E ± 0.30	F ± 0.30	G ± 1.00	Fig.
CTC1813H-	17.90	17.90	12.90	0.70	15.00	10.00	4.00	1
CTC2315H-	22.90	22.90	15.40	0.70	20.00	12.50	4.00	1
CTC2818H-	27.90	27.90	17.90	0.70	25.00	15.00	4.00	1
CTC4325H-	43.40	43.40	25.40	0.70	40.00	15.00	4.00	1
CTC1813V-	18.40	13.40	20.40	0.70	5.00	10.00	4.00	2
CTC2316V-	23.40	15.90	25.40	0.70	10.00	12.50	4.00	2
CTC2718V-	27.40	18.40	30.40	0.70	12.50	15.00	4.00	2
CTC3218V-	32.40	18.40	35.40	0.70	12.50	15.00	4.00	2

特 征

- 4 针外壳易于组装
- 紧凑小巧
- 4 个焊接引脚，实现完美的机械去耦
- 带扇形绕组的环形磁芯扼流圈
- 低中频范围共模干扰的高干扰抑制
- 低杂散磁场
- 工作温度：-40° C bis 125° C
- 符合 UL 94 V-0 的可燃性
- 根据 IEC 60938-2 认证

用 途

- 滤波器
- 电源线过滤器
- 电力电子设备
- 电机中的干扰抑制
- 共模滤波器

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CTC-SERIES

SPECIFICATION

MIDEN'S P/N	PULSE'S P/N	Inductance (mH) @1KHz/0.25V ± 30%	DC Resistance (mΩ) Max	Rated Current (A) Max	Rated Voltage (V) Max	Insulation Test Voltage (V) 50Hz/5mA/2S
CTC1813H-L332N	FE2X03-3-3NL	3.3	215	1.50	250	1500
CTC1813H-L682N	FE2X07-3-3NL	6.8	390	1.20	250	1500
CTC1813H-L103N	FE2X10-3-3NL	10	740	0.70	250	1500
CTC1813H-L153N	FE2X15-3-3	15	960	0.50	250	1500
CTC1813H-L273N	FE2X27-3-3NL	27	1700	0.40	250	1500
CTC1813H-L393N	FE2X39-3-3NL	39	2600	0.35	250	1500
CTC2315H-L332N	FE2X03-4-3NL	3.3	90	2.50	250	1500
CTC2315H-L103N	FE2X10-4-3	10	410	1.20	250	1500
CTC2315H-L273N	FE2X27-4-3NL	27	820	0.70	250	1500
CTC2315H-L393N	FE2X39-4-3NL	39	1500	0.50	250	1500
CTC2818H-L682N	FE2X07-5-3	6.8	170	2.0	250	1500
CTC4325H-L332N	FE2X03-8-3	3.3	33	8.0	250	1500
CTC1813V-L332N	FE2X03-3-2NL	3.3	215	1.50	250	1500
CTC1813V-L682N	FE2X07-3-2NL	6.8	390	1.20	250	1500
CTC1813V-L103N	FE2X10-3-2NL	10	740	0.70	250	1500
CTC1813V-L153N	FE2X15-3-2NL	15	960	0.50	250	1500
CTC1813V-L273N	FE2X27-3-2NL	27	1700	0.40	250	1500
CTC1813V-L393N	FE2X39-3-2NL	39	2600	0.35	250	1500
CTC1813V-L473N	FE2X47-3-2-	47	2900	0.30	250	1500
CTC2316V-L332N	FE2X03-4-2NL	3.3	90	2.50	250	1500
CTC2316V-L103N	FE2X10-4-2NL	10	410	1.20	250	1500
CTC2316V-L153N	FE2X15-4-2	15	530	1.00	250	1500
CTC2316V-L273N	FE2X27-4-2	27	820	0.70	250	1500
CTC2316V-L393N	FE2X39-4-2NL	39	2600	0.35	250	1500
CTC2316V-L473N	FE2X47-4-2NL	47	1700	0.40	250	1500
CTC2718V-L332N	FE2X03-5-2	3.3	66	2.80	250	1500
CTC2718V-L682N	FE2X07-5-2NL	6.8	170	2.00	250	1500
CTC2718V-L103N	FE2X10-5-2	10	260	1.60	250	1500
CTC2718V-L393N	FE2X39-5-2	39	1300	0.70	250	1500
CTC3218V-L332N	FE2X03-6-2NL	3.3	80	4.00	250	1500
CTC3218V-L682N	FE2X07-6-2	6.8	210	2.20	250	1500
CTC3218V-L183N	FE2X18-6-2NL	18	650	1.40	250	1500