

CMTV

Common Mode Chokes

Features:

- Single layer windings for highest SRF
- Spacer provided to meet 3mm creepage and clearance for UL, CSA, IEC safety standards
- 130°C rating (ambient plus rise)
- UL94V-0 header
- Vertical design for smaller PC footprint
- Toroidal design offers lowest external field pick-up

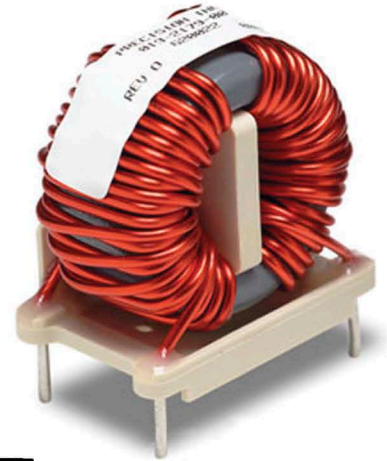
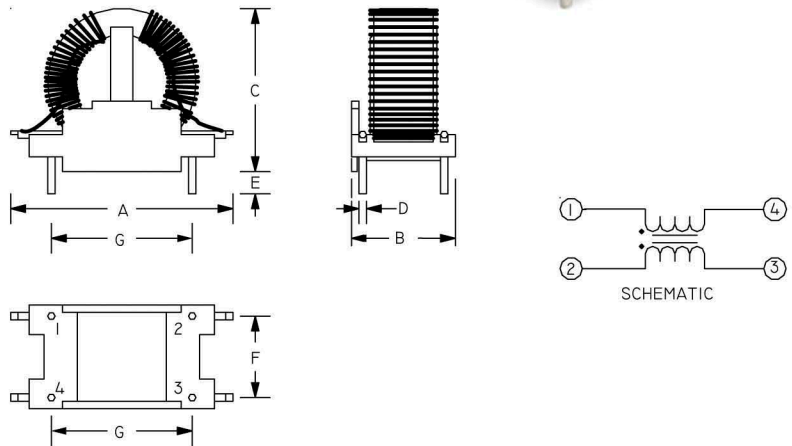


Figure 1



Precision Model Number	Figure Number	Data on Page		A MAX	B MAX	C MAX	D DIA MAX	E MIN	F NOM	G NOM
CMTV-32160-xxxx	1	2	mm in	31.8 1.25	15.88 .625	31.2 1.23	1.30 .051 (note 3)	4.57 .180	10.16 .400	20.32 .800
CMTV-36230-xxxx	1	2	mm in	35.6 1.40	22.86 .900	35.6 1.40	1.30 .051 (note 4)	4.57 .180	15.24 .600	22.86 .900

Note 1. Other vertical sizes available upon request.
Note 2. Horizontal version of all sizes available on request.
Note 3. CMTV 32160-4250 pin diameter is 1.02mm/.040in.
Note 4. CMTV 36230-1101 pin diameter is 1.02mm/.040in.

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Precision Model Number	Figure Number	Inductance [uH Min.] <i>(note 1)</i>	DC Resistance [Ohms Max] <i>(note 2)</i>	Rated Current [Amps]	Leakage Inductance [uH Max]	Self-Resonant Frequency [Khz Typical]
CMTV-32160-3501	1	3500	.150	1.3	62	500
CMTV-32160-1701	1	1700	.065	2.0	32	850
CMTV-32160-1001	1	1000	.036	3.2	22	1250
CMTV-32160-7500	1	750	.022	5.0	19	1300
CMTV-32160-4250	1	425	.012	8.1	10	1750
CMTV-32160-2750	1	275	.008	13.0	8	2000

Precision Model Number	Figure Number	Inductance [uH Min.] <i>(note 1)</i>	DC Resistance [Ohms Max] <i>(note 2)</i>	Rated Current [Amps]	Leakage Inductance [uH Max]	Self-Resonant Frequency [Khz Typical]
CMTV-36230-1082	1	10800	.29	1.3	165	125
CMTV-36230-7001	1	7000	.15	2.0	100	225
CMTV-36230-3701	1	3700	.08	3.2	60	400
CMTV-36230-2201	1	2200	.04	5.0	35	600
CMTV-36230-1101	1	1100	.02	8.1	20	900
CMTV-36230-5800	1	580	.01	13.0	10	1150

Note 1: Inductance measured at 1KHz, 0.1 Vrms, each winding measured separately.

Note 2: Each winding measured separately.