

# Common Mode Chokes for EMI/RFI Filter Applications

**"CM" Chokes are designed primarily for Common Mode noise on A.C. lines.**

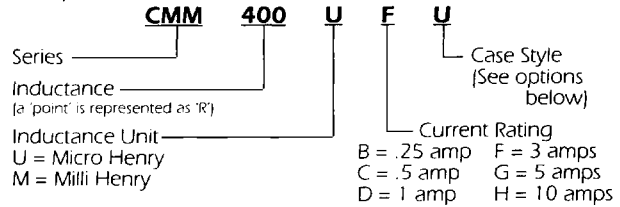


**Typical DC Resistance in Ohms**

	Current Rating in Amps				
	.5	1	3	5	10
CME Series	.030 - .049	.012 - .039	.006 - .014	.004 - .006	.003
CMM Series	.032 - .070	.012 - .047	.007 - .015	.005 - .009	.003
CMP Series	.090 - .110	.040	.016 - .026	.007 - .010	.005
CMT Series	.100 - .140	.060 - .090	.030 - .050	.010 - .020	.010

## Build Your Own Standard Part Number

To build your own part number, specify the series, inductance, current rating and case style. To optimize the inductance, size and current carrying capability, choose your part number from within the range of part numbers on the graphs below. Example:



Current Rating	Lead Diameter Dimensions			
	Style U & H <small>Series CMM, CMP &amp; CMT</small>	Style U & H <small>Series CME</small>	Style T <small>Series CMT &amp; CMM</small>	Style T <small>Series CMP &amp; CMT</small>
.25	.016	—	—	.050
.5	.020	.016	.040	.050
1	.025	.025	.040	.050
3	.032	.025	.040	.050
5	.040	.032	.040	.050
10	.050	.040	.040/.050	.050

### CME Series

Induct. (Per Winding)	Current Rating in Amps				
	.5	1	3	5	10
100µH	*	*	CME100UFX	CME100UGX	CME100UHX
220µH	*	*	CME220UFX	CME220UGX	**
330µH	*	CME330UDX	CME330UFX	**	**
470µH	CME470UCX	CME470UDX	CME470UFX	**	**
680µH	CME680UCX	CME680UDX	**	**	**
1mH	CME1MCX	CME1MDX	**	**	**

\*Call factory \*\*See CMM series

### CMM Series

Induct. (Per Winding)	Current Rating in Amps				
	.5	1	3	5	10
250µH	*	CMM250UDX	CMM250UFX	CMM250UGX	CMM250UHX
500µH	*	CMM500UDX	CMM500UFX	CMM500UGX	**
750µH	CMM750UCX	CMM750UDX	CMM750UFX	CMM750UGX	**
1mH	CMM1MCX	CMM1MDX	CMM1MFX	**	**
2.5mH	CMM2R5MCX	CMM2R5MDX	**	**	**
3.6mH	CMM3R6MCX	**	**	**	**

\*See CME series \*\*See CMP series

### CMP Series

Induct. (Per Winding)	Current Rating in Amps				
	.25	.5	1	3	5
500µH	*	*	*	*	CMP500UGX
1mH	*	*	*	CMP1MFX	CMP1MGX
2.5mH	*	*	CMP2R5MDX	CMP2R5MFX	**
5mH	CMP5MBX	CMP5MCX	**	**	**
7.5mH	CMP7R5MBX	CMP7R5MCX	**	**	**
10mH	CMP10MBX	**	**	**	**

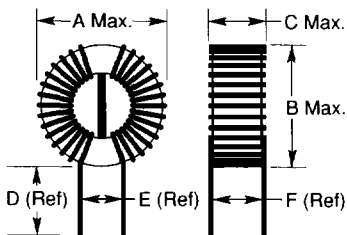
\*See CMM series \*\*See CMT series

### CMT Series

Induct. (Per Winding)	Current Rating in Amps				
	.25	.5	1	3	5
1mH	*	*	*	*	CMT1MGX
2.5mH	*	*	*	CMT2R5MFX	CMT2R5MGX
5mH	*	CMT5MCX	CMT5MDX	CMT5MFX	**
7.5mH	*	CMT7R5MCX	CMT7R5MDX	CMT7R5MFX	**
10mH	CMT10MBX	CMT10MCX	CMT10MDX	**	**
25mH	CMT25MBX	**	**	**	**

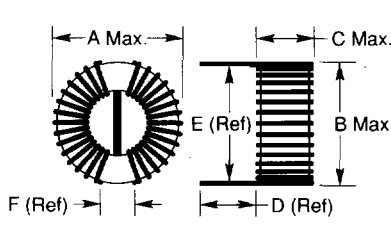
\*See CMP series \*\*Call factory

### Style "U" Open (Vertical P.C. Board Mount)



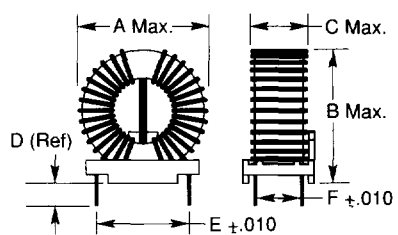
Size	CME	CMM	CMP	CMT
A	.700	1.100	1.500	1.750
B	.700	1.100	1.500	1.750
C	.400	.450	.675	.700
D	.187	.187	.187	.187
E	.300	.360	.400	.400
F	.400	.400	.600	.600

### Style "H" Open (Horizontal P.C. Board Mount)



Size	CME	CMM	CMP	CMT
A	.700	1.100	1.500	1.750
B	.700	1.100	1.500	1.750
C	.400	.450	.675	.700
D	.187	.187	.187	.187
E	.600	1.000	1.000	1.600
F	.300	.300	.400	.400

### Style "T" Four Pin Mount with Header



Size	CME	CMM	CMP	CMT
A	.765	1.100	1.500	1.750
B	.875	1.275	1.560	1.800
C	.440	.440	.650	.850
D	.187	.187	.187	.187
E	.600	.600	.800	.900
F	.250	.250	.400	.600

Note: Inductance tolerance is ± 20%. Dimensions are in inches

# Standex Electronics

a Standex company

4538 Camberwell Road, Cincinnati, OH 45209  
513/871-3777 FAX 513/871-3779

Custom inductors and transformers are standard at Standex Electronics. Please call or write with any questions or requirement you may have.