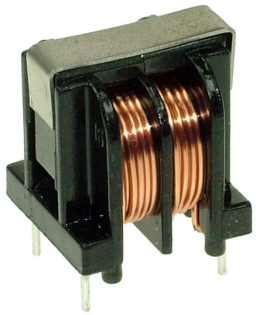
EMI Suppression Filters
Common Mode Choke Coil

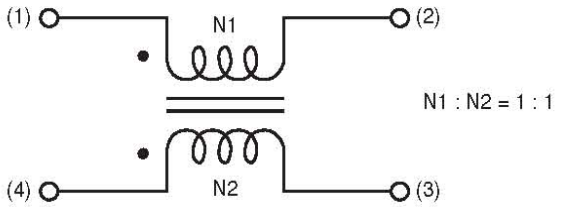


Features:

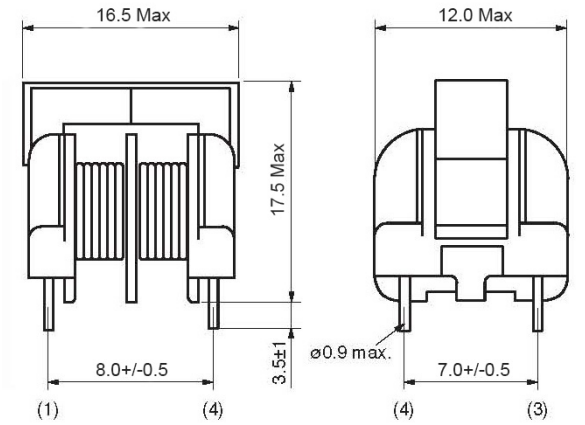
- Three Different sizes
- Common mode - Low Current Choke
- Suitable of filtering power supply in Audio & Communication applications.
- Good attenuation of RFI
- Frequency Range: 0.1 ~ 10MHz
- Operating Temperature: -25 to +105ºC
- RoHS & REACH Compliant
- Materials: UL94-V0
- Safety Standards: EN60065

Description and Schematic

Our common mode choke coil (CMCC) filters reduce common mode noise that is problematic in differential transmission lines, power lines and audio. High frequency noise is blocked whilst allowing the desired DC or low-frequency signal to pass.



Dimensions



Unit weight: 4.5g

Selection Guide

Part Number	Common Mode Inductance mH (Min)	Output Current (mA)	DCR Max mΩ	Rated Voltage (V)	Insulation Resistance M Ohm (Min)
VTX-520-0901	**0.5**	1400	0.1	300	>100
VTX-520-0902	**0.7**	1300	0.13		
VTX-520-0903	**0.8**	1200	0.17		
VTX-520-0904	**1.0**	1100	0.21		
VTX-520-0905	**1.5**	900	0.9		
VTX-520-0906	**3.5**	700	0.5		
VTX-520-0907	**5**	500	0.95		
VTX-520-0908	**10.0**	350	2		
VTX-520-0909	**15.0**	300	3		
VTX-520-0910	**20.0**	250	3.7		
VTX-520-0911	**30.0**	180	7		
VTX-520-0912	**43.0**	100	9		

Note: Other Values are available upon request.

Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.

Vigortronix, 16 De Havilland Way, Witney, Oxfordshire, OX29 0YG, UK
Tel. +44 (0)1993 777570 Web. www.vigortronix.com, E-mail: sales@vigortronix.com
Vigortronix is a trading name of Vigortronix Limited

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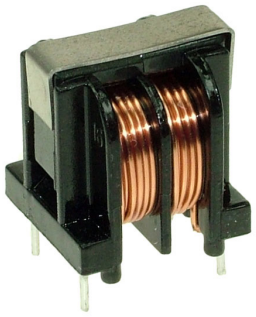
Common Mode Choke Coil



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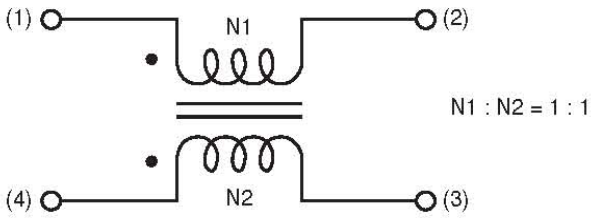
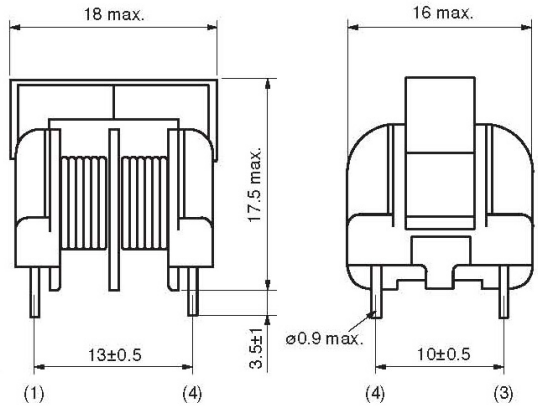


Dimensions



Unit weight: 9g

Selection Guide

Part Number	Common Mode Inductance mH (Min)	Output Current (mA) Max	DCR Max Ω	Rated Voltage (V)	Insulation Resistance M Ohm (Min)
VTX-520-101	**1.5**	2400	0.05	300	>100
VTX-520-102	**2.0**	1800	0.11		
VTX-520-103	**2.5**	1600	0.13		
VTX-520-104	**3**	1500	0.21		
VTX-520-105	**3.5**	1200	0.25		
VTX-520-106	**5**	1100	0.28		
VTX-520-107	**8**	900	0.45		
VTX-520-108	**10**	800	0.5		
VTX-520-109	**15**	700	1.0		
VTX-520-110	**20**	600	1.2		
VTX-520-111	**30**	500	1.8		
VTX-520-112	**45**	400	2.7		

Note: Other Values are available upon request.

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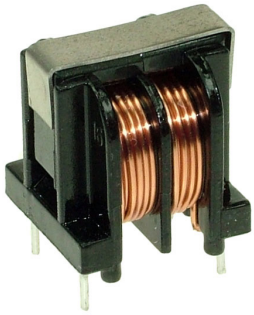

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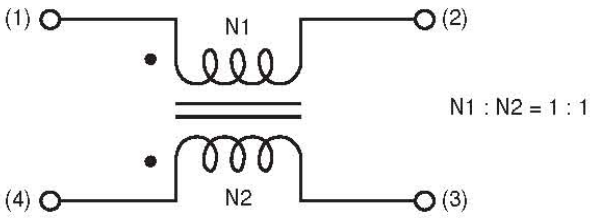

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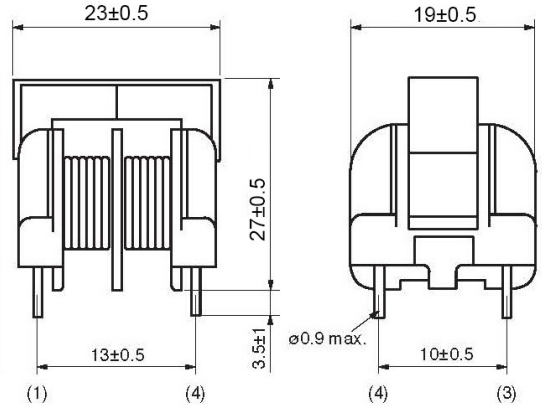

Unit weight: 18g

Selection Guide

Part Number	Common Mode Inductance mH (Min)	Output Current (mA)	DCR Max Ω	Rated Voltage (V)	Insulation Resistance M Ohm (Min)
VTX-520-121	**1.0**	3600	0.04	300	>100
VTX-520-122	**2.0**	2900	0.06		
VTX-520-123	**5.0**	2300	0.1		
VTX-520-124	**8.0**	1600	0.2		
VTX-520-125	**10**	1500	0.25		
VTX-520-126	**15**	1300	0.42		
VTX-520-127	**20**	1000	0.5		
VTX-520-128	**30**	800	0.77		
VTX-520-129	**45**	700	1.2		
Note: Other Values are available upon request.					

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