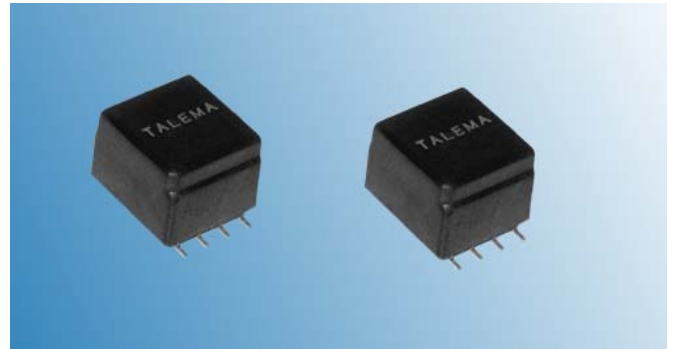


CCJ Series • Common Mode Interface Chokes for Data and Signal Lines
Features

- Low cost, compact SMD for pick and place compatibility while providing consistent and reliable coplanarity
- High attenuation over a wide frequency range
- Manufactured in an ISO 9001:2015 and ISO 14001:2015 certified Talema facility
- Other inductance values available upon request
- Fully RoHS & REACH Compliant and meets lead free reflow level J-STD-020F


Electrical Specifications

Ratings @ 25°C ambient

Operating Temperature: -25° to +70°C

Storage Temperature: -25° to +105°C

Test Voltage between windings: 500Vrms

Test frequency measured @ 100KHz/20mV

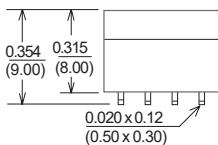
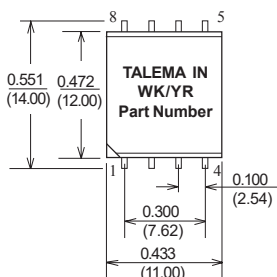


Part Number	Number of Data Lines	OCL (µH ±30%)	I _N (mA)	DCR (mOhms) Typ.	Number of Coils	Windings per Core	Schematic
Double Chokes							
CCJ-2-260	2	26	900	55	1	2	A
CCJ-2-102	2	1000	550	140	1	2	A
CCJ-2-152	2	1500	550	100	1	2	A
CCJ-2-222	2	2200	550	115	1	2	A
CCJ-2-332	2	3300	550	140	1	2	A
CCJ-2-502	2	5000	500	180	1	2	A
CCJ-2-682	2	6800	450	300	1	2	A
CCJ-2-103	2	10000	400	250	1	2	A
CCJ-2-123	2	12000	400	270	1	2	A
CCJ-2-283	2	28000	270	520	1	2	A
CCJ-2-503	2	50000	200	970	1	2	A
CCJ-2-703	2	70000	170	1490	1	2	A
Quad Chokes • 4 windings per core							
CCJ-4-260	4	26	600	65	1	4	B
CCJ-4-470	4	47	500	100	1	4	B
CCJ-4-101	4	100	400	130	1	4	B
CCJ-4-221	4	220	400	190	1	4	B
CCJ-4-471	4	470	400	130	1	4	B
CCJ-4-681	4	680	400	140	1	4	B
CCJ-4-102	4	1000	350	190	1	4	B
CCJ-4-152	4	1500	350	120	1	4	B
CCJ-4-222	4	2200	350	140	1	4	B
CCJ-4-332	4	3300	350	180	1	4	B
CCJ-4-502	4	5000	330	230	1	4	B
CCJ-4-103	4	10000	230	430	1	4	B
CCJ-4-123	4	12000	170	790	1	4	B
CCJ-4-583	4	58000	90	2350	1	4	B

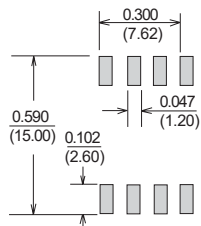
See following page for Dimensions, Schematics & Typical Impedance curves

CCJ Series • Common Mode Interface Chokes for Data and Signal Lines

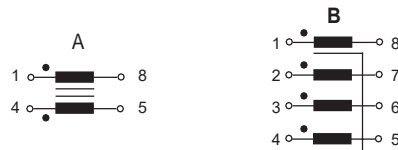
Dimensions



Suggested Pad Layout



Schematics

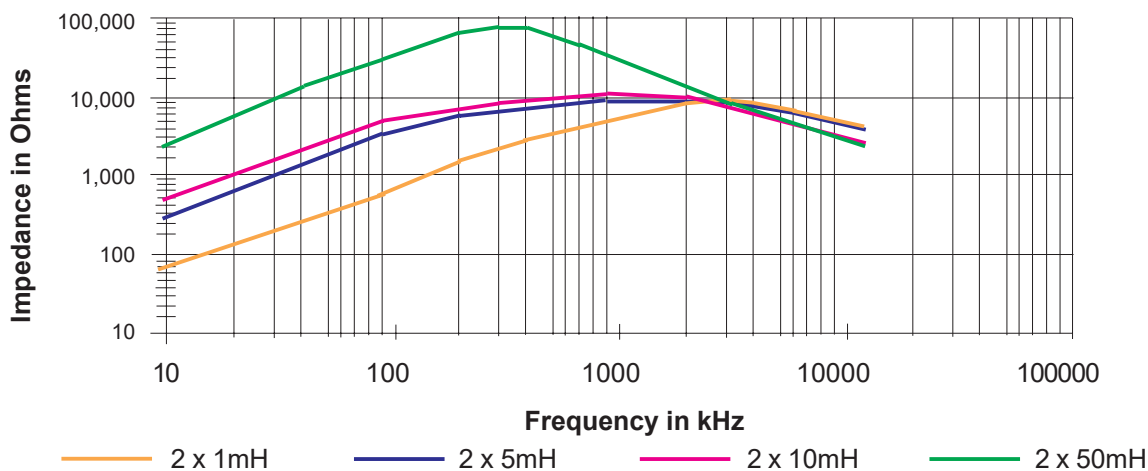


Dimensions: Inches (Millimeters)

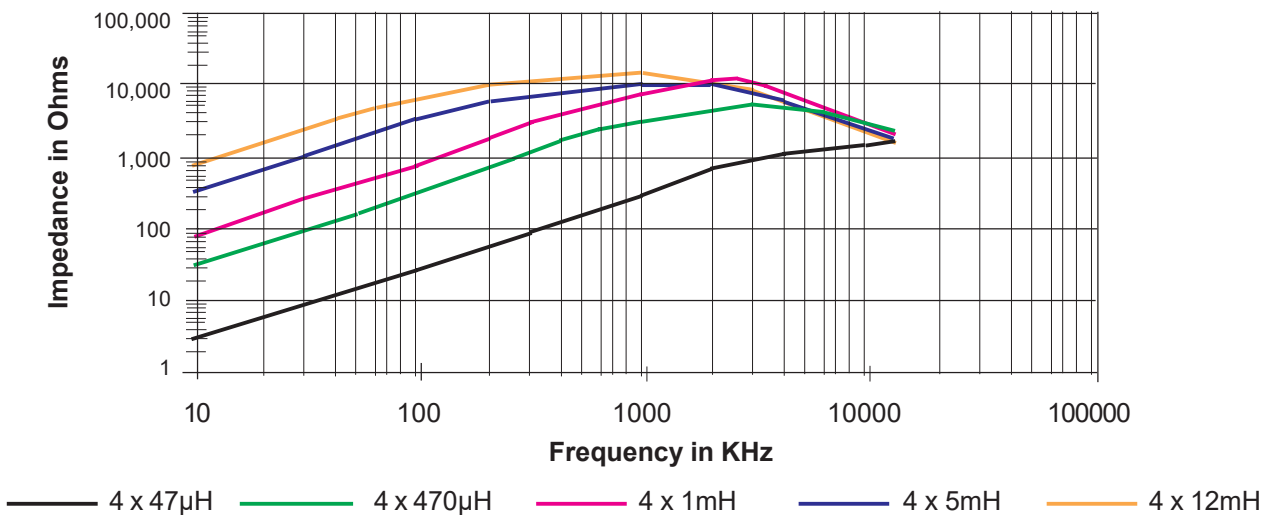
Tolerance: ± 0.010 (0.25) unless specified otherwise
Surface Coplanarity will be 0.004 (0.10) maximum

Packing Method: Tape and Reel; Qty/Reel: 375 Pcs

Impedance Performance - CCJ-2 Series Double Chokes



Impedance Performance - CCJ-4 Series Quad Chokes



Regional Locations - Design, Manufacturing, Sales & Marketing

Talema Group Regional Offices

North America

**United States
(Sales & Marketing)**

Talema Group, LLC
 PO Box 935
 900 Innovation Drive
 Suite 120, Rolla
 Missouri 65402
 Tel: +1 573-303-3675
 E-Mail:
 sales@talemagroup.com
 Web: www.talema.com

Asia

**India
(Design, Manufacturing, Sales & Marketing)**

Administrative Office
Talema Electronic India Private Limited
 Door No. 221, 1st and 2nd Floor
 KJ Plaza, Opp.to Vidya Mandir School
 Meyanoor Main Road
 Salem - 636 004 Tamil Nadu INDIA
 Tel: +91 427 - 243 3100
 Fax: +91 427 - 243 3109
 E-Mail: talema@talemaindia.net
 Web: www.talema.com

Factory Premises
Talema Electronic India Private Limited
 Plot Nos. 30, 31 Electrical and Electronic
 Industrial Estate
 Suramangalam
 Salem - 636 005 Tamil Nadu INDIA
 Tel: +91 427 - 243 3000
 E-Mail: talema@talemaindia.net
 Web: www.talema.com

Europe

**Germany
(Design, Sales & Marketing)**

Talema Elektronik GmbH
 Sembdnerstr. 5
 82110 Germering
 Tel: +49 89 - 841 00 - 0
 Fax: +49 89 - 841 00 25
 E-Mail: info@talema.de
 Web: www.talema.com

**Ireland
(Design, Sales & Marketing)**

Nuvotem TEO
 Units W & X, Gweedore Business Park
 Derrybeg, Letterkenny, Co. Donegal
 Tel: +353 (0) 74 95 48666
 Fax: +353 (0) 74 95 48139
 E-Mail: info@nuvotem.com
 Web: www.nuvotem.com

**Czech Republic
(Design, Manufacturing, Sales & Marketing)**

NT Magnetics s.r.o.
 Chebská 27
 322 00 Plzeň
 Tel: +420 377 - 338 351
 Fax: +420 377 - 338 350
 E-Mail: talema@talema.cz
 Web: www.ntmagnetics.cz

Locations of Talema Group Regional Offices

