



CCJ Series • Compact SMD Common Mode Chokes

Features

- Low cost, compact SMD for pick and place compatability while providing consistent and reliable coplanarity
- High attenuation over a wide frequency range
- Manufactured in ISO-9001 approved Talema facility
- Other inductance values available upon request

Electrical Specifications

Ratings @ 25°C ambient

Operating Temperature: 0 to 70°C

Storage Temperature: -25° to +105°C

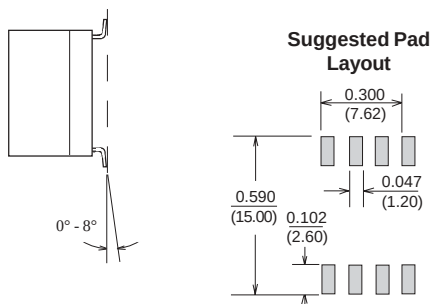
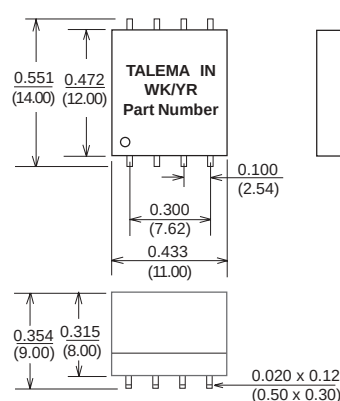


Test voltage between windings: 500 Vrms

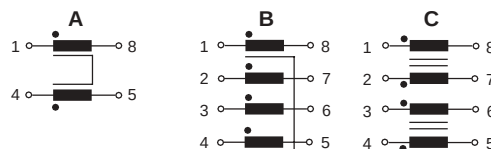
Test frequency: Inductance measured @ 100kHz/20 mVrms

CCJ Series • Compact Double and Quad Chokes for Data and Signal Line EMI Suppression

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	200	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	90	1	4	B
CCJ-4-101	4	100	400	130	1	4	B
CCJ-4-221	4	220	330	190	1	4	B
CCJ-4-471	4	470	400	120	1	4	B
CCJ-4-681	4	680	400	140	1	4	B
CCJ-4-102	4	1000	350	170	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	220	1	4	B
CCJ-4-103	4	10000	230	430	1	4	B
CCJ-4-123	4	12000	170	770	1	4	B
CCJ-4-583	4	58000	90	2350	1	4	B
Quad Chokes • 2 cores with double windings							
CCJ-4-250C	4	25	650	110	2	2	C
CCJ-4-101C	4	100	450	220	2	2	C



Schematics



Dimensions: Inches (Millimeters)

Tolerance: ±0.010 (0.25)

Surface Coplanarity will be 0.004(0.10) maximum

Germany: Int.+49 89 - 841 00-0 • Ireland: Int.+35 374 - 954 8666 • Czech Rep.: Int.+420 37 - 744 9303 • India.+91 427 - 244 1325
<http://www.talema-nuvotem.com>