

# CFJ Series • Compact SMD Common Mode Chokes

## Preliminary Data Sheet

### Features

- EMI noise suppression for data and signal line filtering
- Low cost, compact SMD design provides 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

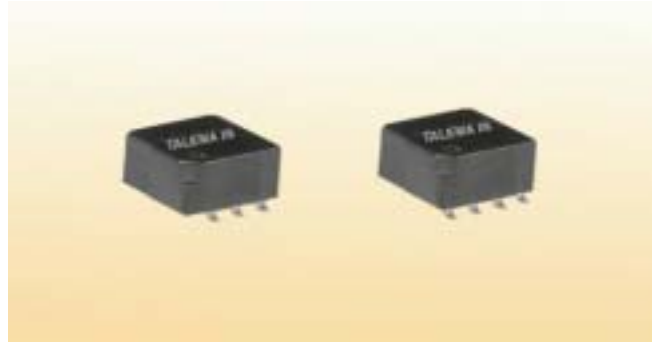
Ratings @ 25°C ambient

Operating Temperature: 0 to +70°C

Storage Temperature: -25° to +105°C

Test voltage between windings: 500 Vrms

Test Frequency: Inductance measured @ 100kHz/20mVrms



### Common Mode Chokes for Data and Signal Line EMI Noise Suppression

Part Number	Number of Data Lines	OCL (µH ±30%)	I <sub>N</sub> (mA)	DCR (mOhms Typ)	Number of Coils	Windings per Core	Schematic
<b>Double Choke</b>							
CFJ-3-470B	2	47	850	60	1	2	B
<b>Tri Chokes • 3 windings per core</b>							
CFJ-3-240A	3	24	1000	45	1	3	A
CFJ-3-101A	3	100	700	110	1	3	A
CFJ-3-471A	3	470	700	50	1	3	A
CFJ-3-681A	3	681	700	55	1	3	A
CFJ-3-102A	3	1000	700	70	1	3	A
CFJ-3-152A	3	1500	650	105	1	3	A
CFJ-3-222A	3	2200	600	125	1	3	A
CFJ-3-332A	3	3300	400	215	1	3	A
CFJ-3-472A	3	4700	350	340	1	3	A
<b>Quad chokes • 4 windings per core</b>							
CFJ-4-330A	4	33	550	65	1	4	A
CFJ-4-470A	4	47	540	80	1	4	A
CFJ-4-101A	4	100	360	160	1	4	A
CFJ-4-471A	4	471	450	65	1	4	A
CFJ-4-102A	4	1000	450	85	1	4	A
CFJ-4-472A	4	4700	220	430	1	4	A
<b>Quad chokes • 2 cores with double windings</b>							
CFJ-4-240B	4	24	560	80	2	2	B
CFJ-4-470B	4	47	450	110	2	2	B
CFJ-4-101B	4	100	400	80	2	2	B

