



CFJ 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-9001:2000, TS-16949:2002 and ISO-14001:2004 certified Talema facility
- Other inductance values available upon request
- Fully RoHS compliant and meets lead free reflow level J-STD-020C fully RoHS compliant

Electrical Specifications @ 25°C

Nominal Voltage: 42Vac (50/60Hz), 80Vdc

Operating Temperature: -25° to +85°C

Storage Temperature: -40° to +125°C

Climatic category: according to IEC68-1 25/85/56

Test voltage between windings: 500 Vrms



Test frequency

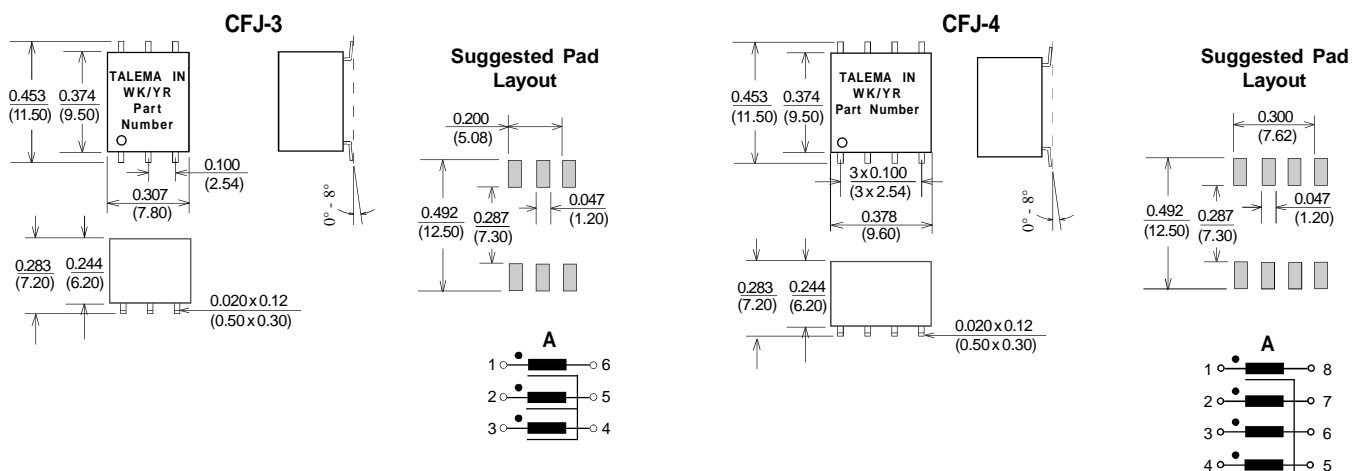
Nominal Inductance: measured @ 100kHz / 20 mVrms

Leakage Inductance: measured @ 100kHz / 100mVrms

Test Equipment: HP4192A

Common Mode Chokes for Data and Signal Line EMI Noise Suppression

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



Surface Coplanarity will be 0.004(0.10) maximum

Dimensions: Inches (Millimeters)

Tolerance: ±0.010 (0.25)

Germany: Int.+4989-84100-0•Ireland: Int.+35374-9548666•Czech Rep: Int.+42037-7449303•India: Int.+91427-2441325

<http://www.talema-nuotem.com>

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