

High Q (Microwave) Multilayer Chip Capacitors



High-Accuracy — High-Frequency



PCC19-KIT-ND

Includes 20 each of 21 values (420 total pieces)

Features

- Small size and large capacitance
- Low ESR/ESL and excellent high frequency characteristics
- Optimal change from tantalum chip and aluminum electrolytic capacitors

Applications

- Impedance matching, resonant and coupling circuits
- For RF modules, VCO, BPF, DUP, PA
- Cellular phones; Bluetooth devices; Wireless LAN

Specifications

- **Temperature Characteristics:** C0G (NP0)
- **Insulation Resistance:** 10 GOhm min.
- **Operating Temperature:** -55°C ~ 125°C
- **Voltage:** 25VDC max.
- **Dissipation Factor:** 0.5% max.

Dimensions

- **Length:** 0.6mm typ.
- **Width:** 0.3mm typ.
- **Height:** 0.3mm typ.

Parts are also available individually.

For Tape & Reel parts, change CT-ND to TR-ND.

Capacitance Tolerance	Capacitance (Typ.)	Panasonic Part No.	Digi-Key Part No.
±0.05pF	0.1pF	ECD-GZER108	PCC2337CT-ND
	0.2pF	ECD-GZER208	PCC2338CT-ND
	0.3pF	ECD-GZER308	PCC2339CT-ND
	0.4pF	ECD-GZER408	PCC2340CT-ND
	0.5pF	ECD-GZER508	PCC2341CT-ND
±0.075pF	0.6pF	ECD-GZER609	PCC2342CT-ND
	0.7pF	ECD-GZER709	PCC2343CT-ND
	0.8pF	ECD-GZER809	PCC2344CT-ND
	0.9pF	ECD-GZER909	PCC2345CT-ND
±0.01pF	1.0pF	ECD-GZER1R0B	PCC2346CT-ND
	1.1pF	ECD-GZER1R1B	PCC2347CT-ND
	1.2pF	ECD-GZER1R2B	PCC2348CT-ND
	1.3pF	ECD-GZER1R3B	PCC2349CT-ND
	1.5pF	ECD-GZER1R5B	PCC2350CT-ND
	1.6pF	ECD-GZER1R6B	PCC2351CT-ND
	1.8pF	ECD-GZER1R8B	PCC2352CT-ND
	2.0pF	ECD-GZER2R0B	PCC2353CT-ND
	2.2pF	ECD-GZER2R2B	PCC2356CT-ND
	2.4pF	ECD-GZER2R4B	PCC2347CT-ND
	2.7pF	ECD-GZER2R7B	PCC2348CT-ND
3.0pF	ECD-GZER3R0B	PCC2349CT-ND	