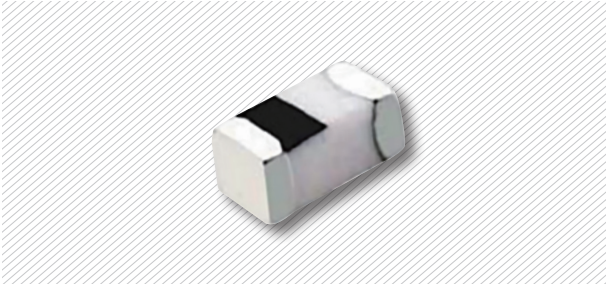


HIGH FREQUENCY CHIP CERAMIC INDUCTOR (MCI SERIES)



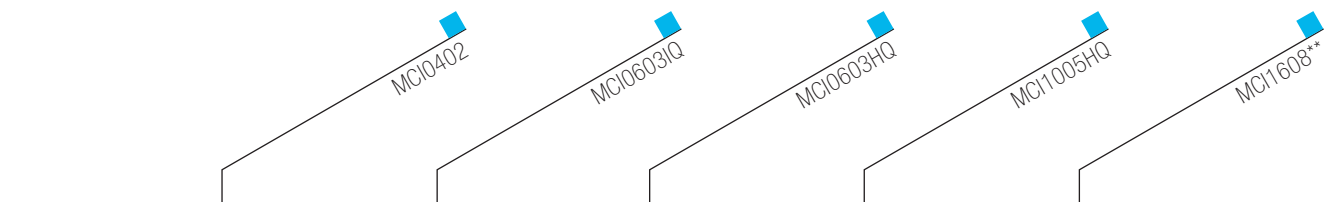
INPAQ Technology Co., Ltd. introduces new High Frequency Chip Ceramic Inductor (MCI Series). The particular ceramic material and coil structure provide a high frequency application range up to 10 GHz. MCI type is suitable to be used in high frequency applications of consumer and industrial area. Automotive type are under development and will be released soon.

FEATURES

- Particular ceramic material and coil structure provide high frequency application range up to 10 GHz
- Standard EIA Size 01005 / 0201 / 0402 / 0603
- Tight Tolerance For High Frequency Matching Circuits
- High Q and High SRF
- High product quality and outstanding reliability

APPLICATIONS

- RF and wireless communication
- information technology equipment such as computer, telecommunications, radar detectors, automotive electronics, cellular phones, pagers, audio equipment, PDAs, keyless remote system and low-voltage power supply modules
- WLAN / WIFI
- Cellular Phone
- Analog Applications



ELECTRICAL SPECIFICATION					
Size	01005	0201	0201	0402	0603
L-Value (nH)		0.6 - 22	0.3 - 100	0.3 - 270	
Q min.		14 - 15	4-5	8	
DCR (Ohm)		0.07 - 1.60	0.07 - 3.74	0.08 - 4.80	
SRF (MHz)		10.000 - 2.500	10.000 - 900	10.000 - 400	
Rated Current (mA)	coming soon	850 - 160	850 - 60	300 - 110	coming soon

OTHER RF INDUCTORS OF INPAQ

MFI	Chip Ferrite Inductor
WCI	Chip Wire Wound Inductor

OTHER PASSIVE COMPONENTS OF INPAQ

Power Inductor	WIP P, S, Y Type	Wire Wound Metal Molding
	WPA P, S Type	Wire Wound Metal Molding – for Automotive
	MIP P, W Type	Multilayer
	MPA	Multilayer – for Automotive