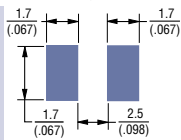
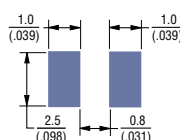
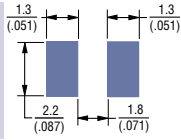
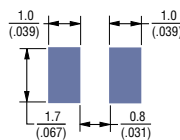
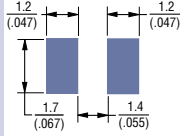
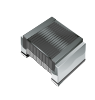
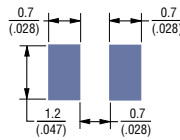
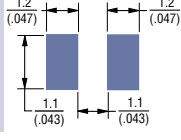
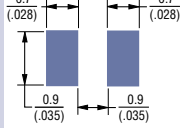
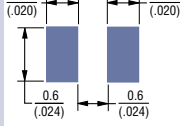
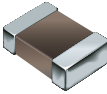


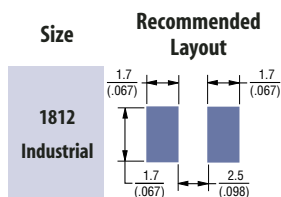
Bourns® Chip Inductors - Wirewound and Laser-cut

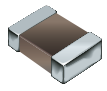
Model	Technology	Description	Size	Recommended Layout	Model	Technology	Description	Size	Recommended Layout
 CM453232	Wirewound Ferrite Sealed PREFERRED	Size: 4.5 x 3.2 x 3.2 mm; Quantity: 500 pcs./reel Inductance Range: 100 nH to 1 mH; ±10 % Tolerance Q-Factor: 30-50 Industrial type with SRF of 2.5 to 300 MHz	1812 Industrial		 CW252016	Wirewound Ceramic Open	Size: 2.5 x 2.0 x 1.6 mm; Quantity: 2000 pcs./reel Inductance Range: 3.3 nH to 4.7 µH; ±5 % Tolerance Q-Factor: 25-60 Telecom type with SRF of 90 to 6000 MHz	1008 Telecom	
 CM322522	Wirewound Ferrite Sealed PREFERRED	Size: 3.2 x 2.5 x 2.2 mm; Quantity: 2000 pcs./reel Inductance Range: 47 nH to 220 µH; ±10 % Tolerance Q-Factor: 10-30 Industrial type with SRF of 2.5 to 300 MHz	1210 Industrial		 CW201212	Wirewound Ceramic Open PREFERRED	Size: 2.0 x 1.2 x 1.2 mm; Quantity: 2000 pcs./reel Inductance Range: 2.2 nH to 910 nH; ±5 % Tolerance Q-Factor: 45-60 Telecom type with SRF of 650 to 6000 MHz	0805 Telecom	
 CM252016	Wirewound Ferrite Sealed PREFERRED	Size: 2.5 x 2.0 x 1.6 mm; Quantity: 2000 pcs./reel Inductance Range: 10 nH to 100 µH; ±10 % Tolerance Q-Factor: 10-25 Industrial type with SRF of 12 to 2500 MHz	1008 Industrial		 CW160808	Wirewound Ceramic Sealed PREFERRED	Size: 1.65 x 1.05 x 1.0 mm; Quantity: 3000 pcs./reel Inductance Range: 1.8 nH to 270 nH; ±5 % Tolerance Q-Factor: 16-35 Telecom type with SRF of 650 to 6000 MHz	0603 Telecom	
 CM201212	Wirewound Ferrite/Ceramic Sealed	Size: 2.0 x 1.2 x 1.2 mm; Quantity: 3000 pcs./reel Inductance Range: 10 nH to 1 µH; ±10 % Tolerance Q-Factor: 8-15 Telecom type with SRF of 80 to 6000 MHz	0805 Telecom		Operating Temperature: CM Series -25 °C to +100 °C CW Series -40 °C to +125 °C Resistance to Soldering Heat: 260 °C for 5 seconds				
 CM160808	Laser-cut Copper Ceramic Sealed	Size: 1.6 x 0.8 x 0.8 mm; Quantity: 3000 pcs./reel Inductance Range: 1.5 nH to 100 nH; ±5 % Tolerance Q-Factor: 8-12 Telecom type with SRF of 1300 to 6000 MHz	0603 Telecom						
 CM100505	Laser-cut Copper Ceramic Sealed	Size: 1.0 x 0.5 x 0.5 mm; Quantity: 10,000 pcs./reel Inductance Range: 1.0 nH to 100 nH; ±5 % Tolerance Q-Factor: 8 Telecom type with SRF of 1800 to 6000 MHz	0402 Telecom						

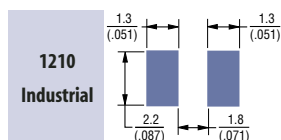


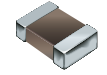
Bourns® Chip Inductors - Multi-layer, Ceramic and Ferrite

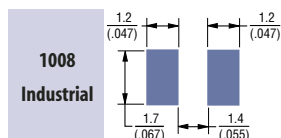
Model	Technology	Description
 CF453215	Multi-layer	Size: 4.5 x 3.2 x 1.5 mm; Quantity: 1000 pcs./reel
	Ferrite Paste	Inductance Range: 100 nH to 33 µH; ±10 % Tolerance
	Sealed	Q-Factor: 35-50
	Shielded	Industrial type with SRF of 11 to 300 MHz



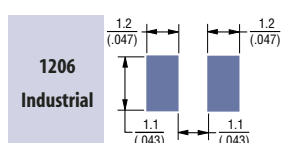
 CF322513	Multi-layer	Size: 3.2 x 2.5 x 1.3 mm; Quantity: 2500 pcs./reel
	Ferrite Paste	Inductance Range: 120 nH to 33 µH; ±10 % Tolerance
	Sealed	Q-Factor: 30
	Shielded	Industrial type with SRF of 17 to 500 MHz



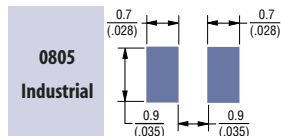
 CF252016	Multi-layer	Size: 2.5 x 2.0 x 1.6 mm; Quantity: 2000 pcs./reel
	Ferrite Paste	Inductance Range: 100 nH to 33 µH; ±10 % Tolerance
	Sealed	Q-Factor: 25-30
	Shielded	Industrial type with SRF of 17 to 680 MHz



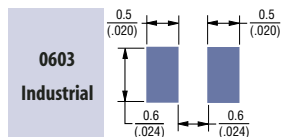
 CS321613	Multi-layer	Size: 3.2 x 1.6 x 1.3 mm; Quantity: 3000 pcs./reel
	Ferrite Paste	Inductance Range: 47 nH to 33 µH; ±10 % Tolerance
	Sealed	Q-Factor: 45-80
	Shielded	Industrial type with SRF of 18 to 400 MHz



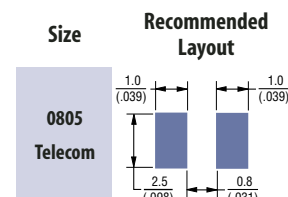
 CS201212	Multi-layer	Size: 2.0 x 1.2 x 1.2 mm; Quantity: 3000 pcs./reel
	Ferrite Paste	Inductance Range: 47 nH to 33 nH; ±10 % Tolerance
	Sealed	Q-Factor: 40-80
	Shielded	Industrial type with SRF of 18 to 400 MHz



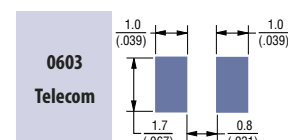
 CS160808	Multi-layer	Size: 1.6 x 0.8 x 0.8 mm; Quantity: 4000 pcs./reel
	Ferrite Paste	Inductance Range: 27 nH to 2.7 µH; ±10 % Tolerance
	Sealed	Q-Factor: 10-50
	Shielded	Industrial type with SRF of 55 to 350 MHz



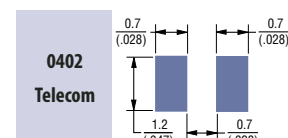
Model	Technology	Description
 CI201210	Multi-layer	Size: 2.0 x 1.2 x 1.0 mm; Quantity: 3000 pcs./reel
	Ceramic Paste	Inductance Range: 1.0 nH to 470 nH; ±5 % Tolerance
	Sealed	Q-Factor: 10-15
	PREFERRED	Telecom type with SRF of 300 to 6000 MHz



 CI160808	Multi-layer	Size: 1.6 x 0.8 x 0.8 mm; Quantity: 4000 pcs./reel
	Ceramic Paste	Inductance Range: 1.0 nH to 270 nH; ±5 % Tolerance
	Sealed	Q-Factor: 8-10
	PREFERRED	Telecom type with SRF of 450 to 6000 MHz



 CI100505	Multi-layer	Size: 1.0 x 0.5 x 0.5 mm; Quantity: 10000 pcs./reel
	Ceramic Paste	Inductance Range: 1.0 nH to 100 nH; ±5 % Tolerance
	Sealed	Q-Factor: 8
	PREFERRED	Telecom type with SRF of 800 to 6000 MHz



Operating Temperature:

-55 °C to +125 °C

Resistance to Soldering Heat:

CF Series 260 °C for 5 seconds

CS & CI Series 260 °C for 10 seconds



Reliable Electronic Solutions

Asia-Pacific

TEL: +886 2 25624117 • FAX: +886 2 25624116

Europe

TEL: +41 (0)41 768 5555 • FAX: +41 (0)41 768 5510

North America

TEL: +1-909-781-5500 • FAX: +1-909-781-5006

TEL: +1-951-781-5500 • FAX: +1-951-781-5006 (after 7/17/04)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

[CS321613-56NK](#) [CF453215-1R0K](#) [CF252016-220K](#) [CF322513-1R2K](#) [CF453215-4R7K](#) [CF322513-150K](#)
[CF453215-330K](#) [CF453215-R22K](#) [CF453215-1R5K](#) [CF322513-220K](#) [CF453215-R15K](#) [CF322513-5R6K](#) [CF252016-2R2K](#) [CF252016-R18K](#) [CF453215-1R2K](#) [CF453215-R68K](#) [CF322513-R18K](#) [CF322513-R68K](#) [CF453215-R33K](#)
[CF252016-R82K](#) [CF322513-120K](#) [CF322513-R12K](#) [CF453215-2R7K](#) [CF453215-R82K](#) [CF322513-330K](#) [CF453215-100K](#) [CF252016-R68K](#) [CF453215-R39K](#) [CF322513-1R0K](#) [CF252016-3R3K](#) [CF252016-R56K](#) [CF322513-R47K](#)
[CF453215-5R6K](#) [CF322513-4R7K](#) [CF252016-R12K](#) [CF322513-2R2K](#) [CF322513-R82K](#) [CF453215-3R9K](#)
[CF252016-4R7K](#) [CF453215-1R8K](#) [CF453215-R10K](#) [CF252016-3R9K](#) [CF322513-1R8K](#) [CF252016-R33K](#)
[CF252016-R27K](#) [CF322513-3R9K](#) [CF322513-R39K](#) [CF322513-3R3K](#) [CF322513-R56K](#) [CF453215-R18K](#)
[CF453215-R47K](#) [CF322513-R33K](#) [CF322513-R22K](#) [CF453215-8R2K](#) [CF453215-180K](#) [CF252016-R22K](#) [CF322513-R15K](#) [CF252016-6R8K](#) [CF322513-8R2K](#) [CF453215-R56K](#) [CF252016-R39K](#) [CF322513-6R8K](#) [CF322513-270K](#)
[CF252016-330K](#) [CF252016-100K](#) [CF453215-6R8K](#) [CF322513-R27K](#) [CF453215-R27K](#) [CF453215-R12K](#) [CF252016-1R0K](#) [CF252016-5R6K](#) [CF252016-120K](#) [CF453215-2R2K](#) [CF322513-100K](#) [CF453215-220K](#) [CF252016-8R2K](#)
[CF252016-R47K](#) [CF453215-270K](#) [CF252016-1R8K](#) [CF453215-3R3K](#)