
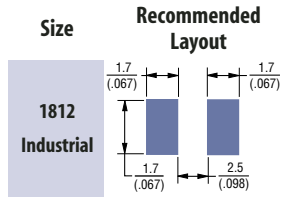


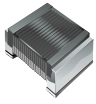
Bourns® Chip Inductors - Wirewound and Laser-cut

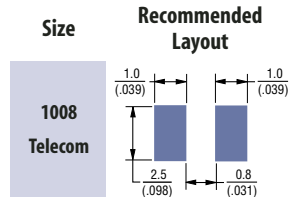
Model **Technology** **Description**

 **Wirewound** Size: 4.5 x 3.2 x 3.2 mm; Quantity: 500 pcs./reel
Ferrite Inductance Range: 100 nH to 1 mH; ±10 % Tolerance
Sealed Q-Factor: 30-50
CM453232 **PREFERRED** Industrial type with SRF of 2.5 to 300 MHz




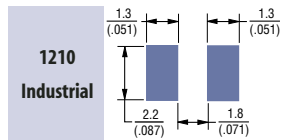
Model **Technology** **Description**

 **Wirewound** Size: 2.5 x 2.0 x 1.6 mm; Quantity: 2000 pcs./reel
Ceramic Inductance Range: 3.3 nH to 4.7 µH; ±5 % Tolerance
Open Q-Factor: 25-60
CW252016 Telecom type with SRF of 90 to 6000 MHz




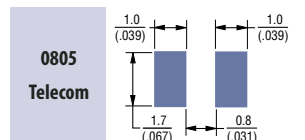
Model **Technology** **Description**

 **Wirewound** Size: 3.2 x 2.5 x 2.2 mm; Quantity: 2000 pcs./reel
Ferrite Inductance Range: 47 nH to 220 µH; ±10 % Tolerance
Sealed Q-Factor: 10-30
CM322522 **PREFERRED** Industrial type with SRF of 2.5 to 300 MHz




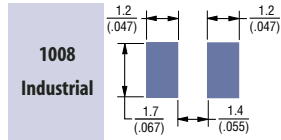
Model **Technology** **Description**

 **Wirewound** Size: 2.0 x 1.2 x 1.2 mm; Quantity: 2000 pcs./reel
Ceramic Inductance Range: 2.2 nH to 910 nH; ±5 % Tolerance
Open Q-Factor: 45-60
CW201212 **PREFERRED** Telecom type with SRF of 650 to 6000 MHz




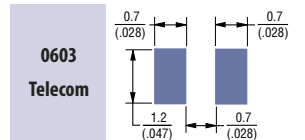
Model **Technology** **Description**

 **Wirewound** Size: 2.5 x 2.0 x 1.6 mm; Quantity: 2000 pcs./reel
Ferrite Inductance Range: 10 nH to 100 µH; ±10 % Tolerance
Sealed Q-Factor: 10-25
CM252016 **PREFERRED** Industrial type with SRF of 12 to 2500 MHz




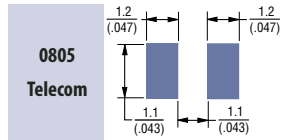
Model **Technology** **Description**

 **Wirewound** Size: 1.65 x 1.05 x 1.0 mm; Quantity: 3000 pcs./reel
Ceramic Inductance Range: 1.8 nH to 270 nH; ±5 % Tolerance
Sealed Q-Factor: 16-35
CW160808 **PREFERRED** Telecom type with SRF of 650 to 6000 MHz



Model **Technology** **Description**

 **Wirewound** Size: 2.0 x 1.2 x 1.2 mm; Quantity: 3000 pcs./reel
Ferrite/Ceramic Inductance Range: 10 nH to 1 µH; ±10 % Tolerance
Sealed Q-Factor: 8-15
CM201212 Telecom type with SRF of 80 to 6000 MHz




Operating Temperature:

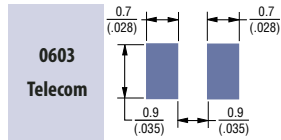
CM Series -25 °C to +100 °C
 CW Series -40 °C to +125 °C

Resistance to Soldering Heat:


260 °C for 5 seconds

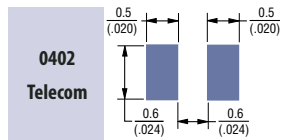
Model **Technology** **Description**

 **Laser-cut Copper** Size: 1.6 x 0.8 x 0.8 mm; Quantity: 3000 pcs./reel
Ceramic Inductance Range: 1.5 nH to 100 nH; ±5 % Tolerance
Sealed Q-Factor: 8-12
CM160808 Telecom type with SRF of 1300 to 6000 MHz

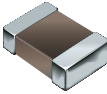
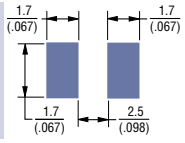

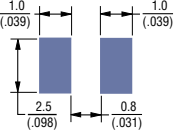
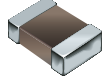
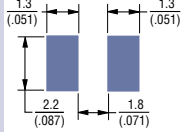

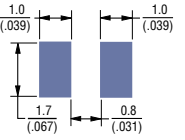
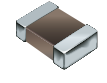
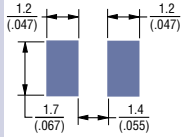

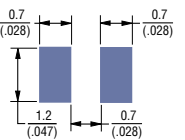

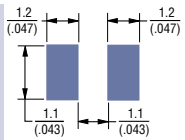

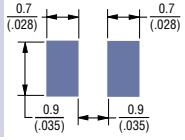

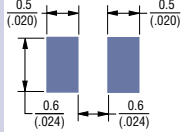



Model **Technology** **Description**

 **Laser-cut Copper** Size: 1.0 x 0.5 x 0.5 mm; Quantity: 10,000 pcs./reel
Ceramic Inductance Range: 1.0 nH to 100 nH; ±5 % Tolerance
Sealed Q-Factor: 8
CM100505 Telecom type with SRF of 1800 to 6000 MHz



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

Model	Technology	Description	Size	Recommended Layout	Model	Technology	Description	Size	Recommended Layout
 CF453215	Multi-layer Ferrite Paste Sealed Shielded	Size: 4.5 x 3.2 x 1.5 mm; Quantity: 1000 pcs./reel Inductance Range: 100 nH to 33 µH; ±10 % Tolerance Q-Factor: 35-50 Industrial type with SRF of 11 to 300 MHz	1812 Industrial		 CI201210	Multi-layer Ceramic Paste Sealed PREFERRED	Size: 2.0 x 1.2 x 1.0 mm; Quantity: 3000 pcs./reel Inductance Range: 1.0 nH to 470 nH; ±5 % Tolerance Q-Factor: 10-15 Telecom type with SRF of 300 to 6000 MHz	0805 Telecom	
 CF322513	Multi-layer Ferrite Paste Sealed Shielded	Size: 3.2 x 2.5 x 1.3 mm; Quantity: 2500 pcs./reel Inductance Range: 120 nH to 33 µH; ±10 % Tolerance Q-Factor: 30 Industrial type with SRF of 17 to 500 MHz	1210 Industrial		 CI160808	Multi-layer Ceramic Paste Sealed PREFERRED	Size: 1.6 x 0.8 x 0.8 mm; Quantity: 4000 pcs./reel Inductance Range: 1.0 nH to 270 nH; ±5 % Tolerance Q-Factor: 8-10 Telecom type with SRF of 450 to 6000 MHz	0603 Telecom	
 CF252016	Multi-layer Ferrite Paste Sealed Shielded	Size: 2.5 x 2.0 x 1.6 mm; Quantity: 2000 pcs./reel Inductance Range: 100 nH to 33 µH; ±10 % Tolerance Q-Factor: 25-30 Industrial type with SRF of 17 to 680 MHz	1008 Industrial		 CI100505	Multi-layer Ceramic Paste Sealed PREFERRED	Size: 1.0 x 0.5 x 0.5 mm; Quantity: 10000 pcs./reel Inductance Range: 1.0 nH to 100 nH; ±5 % Tolerance Q-Factor: 8 Telecom type with SRF of 800 to 6000 MHz	0402 Telecom	
 CS321613	Multi-layer Ferrite Paste Sealed Shielded	Size: 3.2 x 1.6 x 1.3 mm; Quantity: 3000 pcs./reel Inductance Range: 47 nH to 33 µH; ±10 % Tolerance Q-Factor: 45-80 Industrial type with SRF of 18 to 400 MHz	1206 Industrial		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				
 CS201212	Multi-layer Ferrite Paste Sealed Shielded	Size: 2.0 x 1.2 x 1.2 mm; Quantity: 3000 pcs./reel Inductance Range: 47 nH to 33 nH; ±10 % Tolerance Q-Factor: 40-80 Industrial type with SRF of 18 to 400 MHz	0805 Industrial						
 CS160808	Multi-layer Ferrite Paste Sealed Shielded	Size: 1.6 x 0.8 x 0.8 mm; Quantity: 4000 pcs./reel Inductance Range: 27 nH to 2.7 µH; ±10 % Tolerance Q-Factor: 10-50 Industrial type with SRF of 55 to 350 MHz	0603 Industrial		 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)				