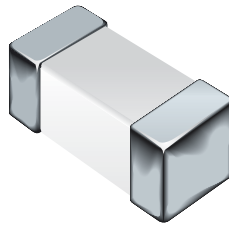


Product Change Notification

INDUCTIVE COMPONENTS



Jun, 2012

Bourns® Model CI100505 Series Multilayer Chip Inductors DCR and Marking Change

Effective December 31, 2012, the DC resistance (DCR) of the [Bourns® Model CI100505 Series Multilayer Chip Inductor](#) will be reduced to increase the component's general performance.

To identify the lower DCR inductor, the markings of the component have been changed from a 1/4 marked surface (figure 1) to a 1/8 marked surface (figure 2).



Figure 1: Original 1/4 Marked Surface



Figure 2: New 1/8 Marked Surface

P/N	Original DCR (Ω) Max.	New DCR (Ω) Max.
CI100505-1N0D	0.10	0.08
CI100505-1N2D	0.10	0.09
CI100505-1N5D	0.10	0.10
CI100505-1N8D	0.12	0.12
CI100505-2N2D	0.16	0.13
CI100505-2N7D	0.20	0.13
CI100505-3N3D	0.22	0.16
CI100505-3N9D	0.25	0.21
CI100505-4N7D	0.28	0.21
CI100505-5N6D	0.29	0.23
CI100505-6N8J	0.35	0.25
CI100505-8N2J	0.40	0.28
CI100505-10NJ	0.45	0.31

P/N	Original DCR (Ω) Max.	New DCR (Ω) Max.
CI100505-12NJ	0.50	0.40
CI100505-15NJ	0.55	0.46
CI100505-18NJ	0.65	0.55
CI100505-22NJ	0.80	0.60
CI100505-27NJ	0.90	0.70
CI100505-33NJ	1.10	0.80
CI100505-39NJ	1.20	0.90
CI100505-47NJ	1.30	1.00
CI100505-56NJ	1.40	1.00
CI100505-68NJ	1.40	1.20
CI100505-82NJ	1.60	1.30
CI100505-R10J	2.00	1.50

Please contact your local [Bourns Representative](#) or [Bourns Customer Service](#) for further information.