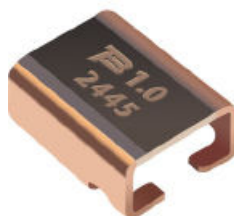




PRODUCT EXTENSION RELEASE

RESISTORS



Bourns Announces the Extension of Its CSS4C-1216 Series New Resistance and Tolerance Options

Riverside, California - September 18, 2026 – Bourns expands the [CSS4C-1216 Series](#) Automotive Grade Current Sense Resistors with new resistance values and tolerance options, including a ± 3 % tolerance. This product extension provides additional design flexibility for high-current applications such as battery management systems, power modules, and industrial electronics.

The series features an EB welded metal strip design, low inductance (< 2 nH), and a four-terminal Kelvin configuration for accurate current measurement. The series offers power ratings up to 5 W, with resistance values from 0.2 m Ω to 3 m Ω and TCR performance as low as ± 50 ppm/ $^{\circ}\text{C}$.

Series	Resistance Range (m Ω)	Power Rating Range @ 100 $^{\circ}\text{C}$ (W)	TCR (20~60 $^{\circ}\text{C}$) (ppm/ $^{\circ}\text{C}$)	Tolerance (%)	Operating Temperature ($^{\circ}\text{C}$)
CSS4C-1216	0.2 - 3.0	2 - 5	$\pm 50, \pm 100, \pm 150$	$\pm 1, \pm 3, \pm 5$	-65 to +170

Please visit the Bourns website at www.bourns.com for additional product details and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

Features

- EB welded metal strip
- High power up to 5 W
- Excellent long term stability
- Four terminals for high accuracy
- RoHS compliant* and halogen free**
- AEC-Q200 compliant
-  **AUTOMOTIVE GRADE**

Applications

- Current sensing
- Battery management systems
- Power modules
- Industrial electronics

Additional Information

[DATA SHEET](#)[PRODUCT SELECTOR](#)[TECHNICAL LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.
** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

N2646

BOURNS® CSS4C-1216 Series Extension

PRICE LIST - EURO

September, 2026

MODEL	DC EURO	MIN	MULT	ACD
CSS4C-1216T-L200F	0.2590	18,000	3,000	A
CSS4C-1216T-L400F	0.2125	18,000	3,000	A
CSS4C-1216C-L750F	0.2145	18,000	3,000	A
CSS4C-1216A-2L00F	0.2029	18,000	3,000	A
CSS4C-1216N-2L00F	0.2357	18,000	3,000	A
CSS4C-1216A-3L00F	0.1981	18,000	3,000	A



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The Americas: Tel: +1-951 781-5500 • Email: americus@bourns.com

www.bourns.com

CSS4C-1216T-L200F
CSS4C-1216T-L400F
CSS4C-1216C-L750F
CSS4C-1216A-2L00F
CSS4C-1216N-2L00F
CSS4C-1216A-3L00F
CSS4C-1216T-L200E
CSS4C-1216T-L400E
CSS4C-1216C-L750E
CSS4C-1216A-2L00E
CSS4C-1216N-2L00E
CSS4C-1216A-3L00E
CSS4C-1216T-L200J
CSS4C-1216T-L400J
CSS4C-1216C-L750J
CSS4C-1216A-2L00J
CSS4C-1216N-2L00J
CSS4C-1216A-3L00J



	Bourns Part Number	Product Series	Product Description	EURO (€) Distributor Book Cost (each)
1	CSS4C-1216T-L200F	CSS4C-1216	4 Terminal Shunt 1216 0.2mΩ 1% 5W TC150	€ 0.2590
2	CSS4C-1216T-L400F	CSS4C-1216	4 Terminal Shunt 1216 0.4mΩ 1% 5W TC100	€ 0.2125
3	CSS4C-1216C-L750F	CSS4C-1216	4 Terminal Shunt 1216 0.75mΩ 1% 4W TC50	€ 0.2145
4	CSS4C-1216A-2L00F	CSS4C-1216	4 Terminal Shunt 1216 2mΩ 1% 2W TC50	€ 0.2029
5	CSS4C-1216N-2L00F	CSS4C-1216	4 Terminal Shunt 1216 2mΩ 1% 2W TC50	€ 0.2357
6	CSS4C-1216A-3L00F	CSS4C-1216	4 Terminal Shunt 1216 3mΩ 1% 2W TC50	€ 0.1981

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Engineering Design Files (URL)

[illegible]

Material Declaration Sheet (URL)	RoHS Certificate of Compliance (URL)
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Additional Notes
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BOURNS®

	BOURNS	Vishay/Dale	Stackpole	Eaton
1	CSS4C-1216T-L200F	WSK1216L2000FEA	NA	NA
2	CSS4C-1216T-L400F	WSK1216L4000FEA	NA	NA
3	CSS4C-1216C-L750F	WSK1216L7500FEA	NA	NA
4	CSS4C-1216A-2L00F	WSK12162L000FEA	SCSK1216FT2L00	CSKA12164FR0020FK
5	CSS4C-1216N-2L00F	WSK12162L000FEA	SCSK1216FT2L00	CSKA12164FR0020FK
6	CSS4C-1216A-3L00F	NA	NA	CSKA12164FR0030FK