



NEW PRODUCT RELEASE

RESISTORS



Bourns Releases CRK2725 Series Metal Strip, Wide-Terminal Current Sense Resistors

Riverside, California - October 1, 2026 – The Bourns® [CRK2725](#) Series Metal Strip, Wide-Terminal Current Sense Resistors are designed for current sensing and power management applications. The surface mount resistors provide a 5 W power rating at 70 °C, resistance values from 0.2 mΩ to 1 mΩ, an operating temperature range of -55 °C to +170 °C, a temperature coefficient of resistance of ±100 ppm/°C, and resistance tolerances of ±1 % and ±5 %. The series is RoHS compliant* and halogen free**.

Series	Power Rating @ 70 °C	Resistance Value	Operating Temperature Range	Temperature Coefficient of Resistance	Tolerance	Insulation Resistance	Maximum Working Voltage
CRK2725	5 W	0.2 mΩ to 1 mΩ	-55 °C to +170 °C	±100 ppm/°C	±1 %, ±5 %	Over 100 MΩ	$\sqrt{(P \cdot R)}$ V

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

- Wide-terminal design for superior heat dissipation
- Low inductance <5 nH
- Low thermal EMF <40 µV/°C
- Ultra-low resistance down to 0.2 mΩ
- RoHS compliant* and halogen free**

Applications

- Current sensing
- Power supplies
- Stepper motor drives
- Input amplifiers

Additional Information

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

*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.

N2676

CRK2725-FZ-0L20E

CRK2725-FZ-0L25E

CRK2725-FZ-0L30E

CRK2725-FZ-0L50E

BOURNS® CRK2725 Series

PRICE LIST - EURO

October, 2026

MODEL	DC EURO	MIN	MULT	ACD
CRK2725-FZ-0L20E	0.6210	2,000	2,000	C
CRK2725-FZ-0L25E	0.6210	2,000	2,000	C
CRK2725-FZ-0L30E	0.5650	2,000	2,000	C
CRK2725-FZ-0L50E	0.5650	2,000	2,000	C

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www.bourns.com



	Bourns Part Number	Product Series	Product Description
1	CRK2725-FZ-0L20E	CRK2725	ResMetalStrip 2725 0L20 1% 5W TC100 wide
2	CRK2725-FZ-0L25E	CRK2725	ResMetalStrip 2725 0L25 1% 5W TC100 wide
3	CRK2725-FZ-0L30E	CRK2725	ResMetalStrip 2725 0L30 1% 5W TC100 wide
4	CRK2725-FZ-0L50E	CRK2725	ResMetalStrip 2725 0L50 1% 5W TC100 wide

EURO (€) Distributor Book Cost (each)	Minimum Order Quantity (MOQ) (pcs)	Order Mults. (pcs)	Basic Package Qty (pcs)	Package Type	Reel Diameter in Inches (if applicable)	Additional Hardware Included (if applicable)	Lead Time (weeks)	Bourns ACDE Code
€ 0.6210	2,000	2,000	2,000	Reel	13.0	N/A	14	C
€ 0.6210	2,000	2,000	2,000	Reel	13.0	N/A	14	C
€ 0.5650	2,000	2,000	2,000	Reel	13.0	N/A	14	C
€ 0.5650	2,000	2,000	2,000	Reel	13.0	N/A	14	C

RoHS Compliant (Yes/No)	REACH (Unaffected, Affected, N/A)	CA Prop 65 (Yes/No)	Static Sensitive (Yes/No)	Moisture Sensitivity Level (MSL)	ESD Class (Human Body Model)	Registerable (Yes/No)	Country of Origin (COO)
Yes	Unaffected	Yes	No	1	N/A	Yes	TW
Yes	Unaffected	Yes	No	1	N/A	Yes	TW
Yes	Unaffected	Yes	No	1	N/A	Yes	TW
Yes	Unaffected	Yes	No	1	N/A	Yes	TW

Export Control Classification Number (ECCN)	Harmonized Tariff Schedule (HTS) Code	Schedule B Commodity Code	Data Sheet (URL)
EAR99	8533.21.0030	8533.21.0045	https://www.bourns.com/docs/product-datasheets/CRK2725.pdf
EAR99	8533.21.0030	8533.21.0045	https://www.bourns.com/docs/product-datasheets/CRK2725.pdf
EAR99	8533.21.0030	8533.21.0045	https://www.bourns.com/docs/product-datasheets/CRK2725.pdf
EAR99	8533.21.0030	8533.21.0045	https://www.bourns.com/docs/product-datasheets/CRK2725.pdf

Engineering Design Files (URL)
https://bourns.com/resources/design-tools/engineering-files-list?folder=CRK272!
https://bourns.com/resources/design-tools/engineering-files-list?folder=CRK272!
https://bourns.com/resources/design-tools/engineering-files-list?folder=CRK272!
https://bourns.com/resources/design-tools/engineering-files-list?folder=CRK272!

Material Declaration Sheet (URL)	RoHS Certificate of Compliance (URL)
https://www.bourns.com/docs/product-mds/request.pdf	https://bourns.com/docs/rohs-cofc/CoC_crx3.pdf
https://www.bourns.com/docs/product-mds/request.pdf	https://bourns.com/docs/rohs-cofc/CoC_crx3.pdf
https://www.bourns.com/docs/product-mds/request.pdf	https://bourns.com/docs/rohs-cofc/CoC_crx3.pdf
https://www.bourns.com/docs/product-mds/request.pdf	https://bourns.com/docs/rohs-cofc/CoC_crx3.pdf

Additional Notes	

BOURNS®

	BOURNS	Viking	Stackpole
1	CRK2725-FZ-0L20E	LCR25FTEH0M20	CSS2725FTL200
2	CRK2725-FZ-0L25E	LCR25FTDH0M25	CSS2725FTL250
3	CRK2725-FZ-0L30E	LCR25FTDH0M30	CSS2725FTL300
4	CRK2725-FZ-0L35E	LCR25FTDH0M35	CSS2725FTL350
5	CRK2725-FZ-0L40E	LCR25FTDH0M40	CSS2725FTL400
6	CRK2725-FZ-0L50E	LCR25FTDH0M50	CSS2725FTL500
7	CRK2725-FZ-0L60E	LCR25FTDH0M60	CSS2725FTL600
8	CRK2725-FZ-0L75E	LCR25FTDH0M75	CSS2725FTL750
9	CRK2725-FZ-0L80E	LCR25FTDH0M80	CSS2725FTL800
10	CRK2725-FZ-R001E	LCR25FTDHR001	CSS2725FT1L00
11	CRK2725-JZ-0L20E	LCR25JTEH0M20	CSS2725JTL200
12	CRK2725-JZ-0L25E	LCR25JTDH0M25	CSS2725JTL250
13	CRK2725-JZ-0L30E	LCR25JTDH0M30	CSS2725JTL300
14	CRK2725-JZ-0L35E	LCR25JTDH0M35	CSS2725JTL350
15	CRK2725-JZ-0L40E	LCR25JTDH0M40	CSS2725JTL400
16	CRK2725-JZ-0L50E	LCR25JTDH0M50	CSS2725JTL500
17	CRK2725-JZ-0L60E	LCR25JTDH0M60	CSS2725JTL600
18	CRK2725-JZ-0L75E	LCR25JTDH0M75	CSS2725JTL750
19	CRK2725-JZ-0L80E	LCR25JTDH0M80	CSS2725JTL800
20	CRK2725-JZ-R001E	LCR25JTDHR001	CSS2725JT1L00