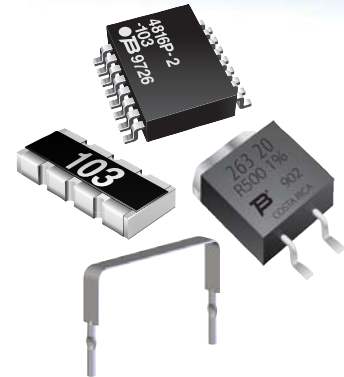


## Featured Products Bulletin

### FIXED RESISTORS



## Bourns Creates a Fixed Resistor Selection Guide


Riverside, California - January 10, 2011 - A new Selection Guide encompassing the complete Fixed Resistor product range has been released.

This tool provides a clear overview of what products and technologies are available as well as key technical characteristics and packaging information in a two-sided matrix.


Laminated hard copies are available upon request. You can also [view the Selection Guide](#) in the Library at [www.bourns.com](http://www.bourns.com).

Bourns® Fixed Resistors Product Summary								
Type	Function	Features	Power Rating of Largest Package (W)	Industry Packages or Length x Width (mm)	Absolute Tolerance Per Resistor	Resistance Range (Ohms)	Temperature Coefficient Values* (PPM)	Models
SMT Resistor Arrays	General	Industry Standard	0.5	Concave or Convex 2 Pin to 16 Pin	1%, 5%	10 - 1 M	200	CAT10, CAT16, CAT10, CAT16
SMT Thick Film Chip Resistors	General	Industry Standard	1	0201 - 2512	1%, 5%	1 - 10 M	200	CR Series
Resistor Networks	General	Industry Standard	2.8	Through-hole SIL, SMT	0.5%, 1%, 2%, 5%	10 - 10 M	25 - 200	4100, 4300, 4400, 4600, 4800 Series
SMT Thick Film Low Ohmic	Current Sense	Industry Standard	1	0603 - 2512	1%, 5%	0.02 - 9.1	200 - 600	CRL Series
SMT Metal Strip Chip Resistors	Current Sense	High Power, Low TCR	3	2010 - 2512	1%, 5%	0.001 - 0.1	75 - 200	CRA, CRF Series
SMT Thick Film Power Resistors	Current Sense & Voltage Sense	High Power, High Pulse Voltage Rating	2	0805 - 2512	1%, 5%	0.047 - 1 M	100 - 200	CRM Series
SMT Thin Film Chip Resistors	Precision Voltage Sense	Precision, Low TCR	0.25	0402-1206	0.01%, 0.05%, 0.1%, 1%	1.0 - 1 M	5 - 50	CRT Series
SMT Wirewound Resistors	Surge Protection	High Pulse Power	3	4.8 x 3.3 - 15.9 x 6.9	0.5%, 1%, 5%	0.01 - 25 K	20 - 150	PWR1913, PWR2010, PWR2015, PWR2014-6137
Axial Leaded Wirewound Safety Resistors	Safety in AC Power	Opens Safely in 240/220 Mains	3	11.5 x 5.5	5%	8.4 - 2.4 K	90	PWR4522
Thick Film High Power Resistors	Current Sense, Cap Discharge	High Pulse Power	35	TO220, D2PAK, DPAK	1%, 5%	0.02 - 130 K	100	PWR163, PWR263, PWR220T, PWR221T
Open Air Shunt Resistors	Current Sense	High Current, High Temperature	1, 3, 5	Through-hole	1%, 5%	0.005 - 0.1	20 - 900	PWR4412, PWR4413
High Power Shunt Resistors	Current Sense	Low Ohmic, High Stability	15	TO220, D2PAK	0.5%, 1%, 2%, 5%	0.002 - 50.0	15 - 50	PWR220-25, PWR220-45, PWR221-25, PWR221-45
High Power Terminations	Terminators, Combiners, Isolators, Dividers	Excellent VSWR, High Power	Up to 1K	Industry Standard	5%	12.5, 50, 100, 200	200	CHF Series


\*Per Resistor, Resistance Value Dependent




SMT Resistor Arrays




SMT Thick Film Chip Resistors




Resistor Networks




SMT Wirewound Resistors




Axial Leaded Wirewound Safety Resistors




Thick Film High Power Resistors



Open Air Shunt Resistors



Thick Film High Power Resistors



High Power Terminations