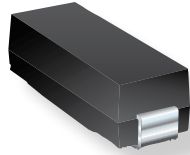


## Product Change Notification

### POWER RESISTORS



November, 2016

## Bourns® Model PWR2615 & PWR4525 Series Surface Mount Wirewound Power Resistors

### *Change to Manufacturing Location, Product Specifications and Product Marking*

Bourns is changing the manufacturing location, product specifications and product marking for the Model [PWR2615](#) and [PWR4525](#) Series Surface Mount Wirewound Power Resistors. The manufacturing location is changing from the United States to Taiwan. The products' resistance range and Temperature Coefficient of Resistance (TCR) will be changing, as well. For your convenience, details of the changes are listed in Table 1. The products' new marking is also shown in Table 1.



This change has no impact on the fit, quality or reliability criteria of the product. Electrical performance (the function) is improved for resistance range and TCR. The form is changing slightly because of the change to product marking.

The models affected are as follows:

Bourns® Model
PWR2615
PWR4525

See Table 2 for a complete list of affected part numbers.

**Table 1. Changes to Product Specifications**

Parameter	Current Specification	New Specification
<b>Resistance Range (Non-conductive)</b>	PWR2615.....0.01 Ω to 1.5 kΩ	PWR2615.....0.005 Ω to 1.5 kΩ (Improved)
	PWR4525.....0.01 Ω to 7.5 kΩ	PWR4525.....0.005 Ω to 7.5 kΩ (Improved*)
<b>Temperature Coefficient of Resistance</b>	R > 10 Ω.....±20 ppm/°C	R > 10 Ω.....±20 ppm/°C (No change)
	1 ≤ R ≤ 10 Ω.....±50 ppm/°C	1 ≤ R ≤ 10 Ω.....±50 ppm/°C (No change)
	0.1 Ω ≤ R < 1 Ω.....±150 ppm/°C	0.1 Ω ≤ R < 1 Ω.....±90 ppm/°C (Improved)
		R < 0.1 Ω.....±150 ppm/°C (Improved)
<b>Marking</b>	MANUFACTURER'S TRADEMARK —  YYWW — DATE CODE RESISTANCE — 005 J — RESISTANCE CODE TOLERANCE	MANUFACTURER'S TRADEMARK —  10R0 — RESISTANCE CODE YYWW — DATE CODE

\*Due to the change in manufacturing location, the new factory has not yet produced products with a resistance > 2 kΩ.  
For resistance > 2 kΩ, please contact your Bourns Representative for availability.

Implementation dates are as follows:

*Date that manufacturing of existing product will cease: January, 2017*

*Bourns will begin phasing in this process: January, 2017*

*First date code using the above changes: 1701*

Product samples will be available upon request.

If you have any questions or need additional information, please feel free to contact [Customer Service/ Inside Sales](#).

**Table 1. Affected Part Numbers**

PWR2615N1R00F	PWR2615W2R00J	PWR2615WR015F	PWR2615WR249E	PWR4525W1500JE	PWR4525W5601J	PWR4525WR082JE
PWR2615N30R1F	PWR2615W2R20J	PWR2615WR015FE	PWR2615WR290J	PWR4525W1501J	PWR4525W5R00J	PWR4525WR100F
PWR2615N51R1FE	PWR2615W3001FE	PWR2615WR015J	PWR2615WR290JE	PWR4525W1501JE	PWR4525W6800J	PWR4525WR100J
PWR2615NR150JE	PWR2615W3001J	PWR2615WR015E	PWR2615WR300J	PWR4525W1502FE	PWR4525W6800JE	PWR4525WR100JE
PWR2615NR200J	PWR2615W3001JE	PWR2615WR020F	PWR2615WR300JE	PWR4525W1502J	PWR4525W6801J	PWR4525WR120J
PWR2615NR200JE	PWR2615W33R0F	PWR2615WR020FE	PWR2615WR360J	PWR4525W1502JE	PWR4525W6801JE	PWR4525WR120JE
PWR2615W1000F	PWR2615W33R0FE	PWR2615WR020J	PWR2615WR360JE	PWR4525W15R0J	PWR4525W68R0J	PWR4525WR125FE
PWR2615W1000J	PWR2615W3R00F	PWR2615WR020JE	PWR2615WR470J	PWR4525W15R0JE	PWR4525W68R0JE	PWR4525WR150J
PWR2615W1000JE	PWR2615W3R00FE	PWR2615WR024J	PWR2615WR470JE	PWR4525W1800J	PWR4525W6R00F	PWR4525WR150JE
PWR2615W1001F	PWR2615W3R30F	PWR2615WR024JE	PWR2615WR500F	PWR4525W1R00FE	PWR4525W6R00FE	PWR4525WR200F
PWR2615W10R0F	PWR2615W3R30FE	PWR2615WR027J	PWR2615WR500FE	PWR4525W1R00JE	PWR4525W75R0J	PWR4525WR200FE
PWR2615W10R0J	PWR2615W3R30J	PWR2615WR027JE	PWR2615WR680J	PWR4525W1R50F	PWR4525W7R50J	PWR4525WR200J
PWR2615W10R0JE	PWR2615W4700J	PWR2615WR030F	PWR2615WR680JE	PWR4525W1R50J	PWR4525W7R50JE	PWR4525WR200JE
PWR2615W1200FE	PWR2615W4700JE	PWR2615WR030FE	PWR2615WR750J	PWR4525W1R50JE	PWR4525W8001J	PWR4525WR220FE
PWR2615W1500J	PWR2615W47R0F	PWR2615WR030J	PWR2615WR750JE	PWR4525W2000F	PWR4525WR000J	PWR4525WR249J
PWR2615W1500JE	PWR2615W47R0J	PWR2615WR030JE	PWR4525NR082JE	PWR4525W2001J	PWR4525WR000JE	PWR4525WR249JE
PWR2615W1501J	PWR2615W47R0JE	PWR2615WR033F	PWR4525NR200J	PWR4525W2001JE	PWR4525WR005J	PWR4525WR290J
PWR2615W1501JE	PWR2615W4R70F	PWR2615WR033FE	PWR4525NR200JE	PWR4525W20R0F	PWR4525WR005JE	PWR4525WR290JE
PWR2615W15R0J	PWR2615W4R70FE	PWR2615WR036J	PWR4525NR220F	PWR4525W20R0J	PWR4525WR010J	PWR4525WR300J
PWR2615W15R0JE	PWR2615W4R70J	PWR2615WR036JE	PWR4525W1000D	PWR4525W2200J	PWR4525WR010JE	PWR4525WR300JE
PWR2615W1R00F	PWR2615W4R70JE	PWR2615WR039F	PWR4525W1000DE	PWR4525W2200JE	PWR4525WR015J	PWR4525WR360J
PWR2615W1R00J	PWR2615W51R0F	PWR2615WR039FE	PWR4525W1000J	PWR4525W2201J	PWR4525WR015JE	PWR4525WR360JE
PWR2615W1R50F	PWR2615W6800J	PWR2615WR047F	PWR4525W1000JE	PWR4525W2201JE	PWR4525WR018F	PWR4525WR470J
PWR2615W1R50FE	PWR2615W6800JE	PWR2615WR047FE	PWR4525W1001J	PWR4525W22R0J	PWR4525WR020J	PWR4525WR470JE
PWR2615W1R50J	PWR2615W68R0J	PWR2615WR050F	PWR4525W1001JE	PWR4525W22R0JE	PWR4525WR020JE	PWR4525WR500J
PWR2615W1R80J	PWR2615W68R0JE	PWR2615WR050FE	PWR4525W1002J	PWR4525W25R5F	PWR4525WR024J	PWR4525WR560J
PWR2615W21R0F	PWR2615W6R80FE	PWR2615WR050J	PWR4525W1002JE	PWR4525W2R20J	PWR4525WR024JE	PWR4525WR560JE
PWR2615W21R0J	PWR2615W7R50JE	PWR2615WR050JE	PWR4525W10R0F	PWR4525W3001J	PWR4525WR027J	PWR4525WR680J
PWR2615W2200J	PWR2615W8250FE	PWR2615WR100F	PWR4525W10R0J	PWR4525W3301JE	PWR4525WR027JE	PWR4525WR680JE
PWR2615W2200JE	PWR2615WR000J	PWR2615WR100FE	PWR4525W10R0JE	PWR4525W33R0J	PWR4525WR030J	PWR4525WR750F
PWR2615W2201J	PWR2615WR000JE	PWR2615WR100J	PWR4525W11R0FE	PWR4525W3900JE	PWR4525WR030JE	PWR4525WR750FE
PWR2615W2201JE	PWR2615WR005J	PWR2615WR100JE	PWR4525W1200F	PWR4525W4700J	PWR4525WR036J	PWR4525WR750J
PWR2615W22R0F	PWR2615WR005FE	PWR2615WR150J	PWR4525W1200FE	PWR4525W4700JE	PWR4525WR036JE	PWR4525WR750JE
PWR2615W22R0J	PWR2615WR010F	PWR2615WR150JE	PWR4525W1202JE	PWR4525W4701J	PWR4525WR047J	
PWR2615W22R0JE	PWR2615WR010FE	PWR2615WR200J	PWR4525W1350F	PWR4525W4701JE	PWR4525WR047JE	
PWR2615W2701F	PWR2615WR010J	PWR2615WR200JE	PWR4525W1350FE	PWR4525W47R0J	PWR4525WR050J	
PWR2615W2701J	PWR2615WR010JE	PWR2615WR249J	PWR4525W1500J	PWR4525W47R0JE	PWR4525WR050JE	