



## 8518 Size Large Plated Sample Kit, Power Shunts Resistors



### FEATURES

- Select WSBS products
- Proprietary processing technique produces extremely low resistance values
- All welded construction
- Very low inductance (< 5 nH)
- AEC-Q200 qualified
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)



**RoHS**  
COMPLIANT  
**HALOGEN**  
**FREE**  
**GREEN**  
(5-2008)

This sample kit will contain 6 of each part except for the WSBS 8518-P3 which will only have 5 of each.

### RESISTOR PART FAMILY DESCRIPTIONS

| PART FAMILY | DESCRIPTION                                                           | DATASHEET                                                              |
|-------------|-----------------------------------------------------------------------|------------------------------------------------------------------------|
| WSBS8518-14 | Power metal strip <sup>®</sup> plated shunt resistor                  | <a href="http://www.vishay.com/doc?30340">www.vishay.com/doc?30340</a> |
| WSBS8518-60 | Power metal strip <sup>®</sup> plated shunt resistor, 2 pin           | <a href="http://www.vishay.com/doc?30390">www.vishay.com/doc?30390</a> |
| WSBS8518-80 | Power metal strip <sup>®</sup> plated shunt resistor, 3 pin           | <a href="http://www.vishay.com/doc?30391">www.vishay.com/doc?30391</a> |
| WSBS8518-P3 | Power metal strip <sup>®</sup> plated shunt resistor, M3 tapped holes | <a href="http://www.vishay.com/doc?30392">www.vishay.com/doc?30392</a> |

### RESISTOR PART NUMBER LIST

| PART NUMBER       | VALUE (Ω) | TOLERANCE (%) | TCR (ppm/°C) | DIMENSIONS (mils) | TECHNOLOGY                                                            |
|-------------------|-----------|---------------|--------------|-------------------|-----------------------------------------------------------------------|
| WSBS8518L0500JT14 | 50μ       | 5             | ± 200        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor                  |
| WSBS8518L1000JT14 | 100μ      | 5             | ± 175        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor                  |
| WSBS8518L2500JT14 | 250μ      | 5             | ± 110        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor                  |
| WSBS8518L0500JT60 | 50μ       | 5             | ± 200        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor, 2 pin           |
| WSBS8518L1000JT60 | 100μ      | 5             | ± 175        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor, 2 pin           |
| WSBS8518L2500JT60 | 250μ      | 5             | ± 110        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor, 2 pin           |
| WSBS8518L0500JT80 | 50μ       | 5             | ± 200        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor, 3 pin           |
| WSBS8518L1000JT80 | 100μ      | 5             | ± 175        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor, 3 pin           |
| WSBS8518L2500JT80 | 250μ      | 5             | ± 110        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor, 3 pin           |
| WSBS8518L0500JTP3 | 50μ       | 5             | ± 200        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor, M3 tapped holes |
| WSBS8518L1000JTP3 | 100μ      | 5             | ± 175        | 85.0 x 18.0       | Power metal strip <sup>®</sup> plated shunt resistor, M3 tapped holes |

### GLOBAL PART NUMBER INFORMATION

|                                                             |             |                                |                |                 |                   |
|-------------------------------------------------------------|-------------|--------------------------------|----------------|-----------------|-------------------|
| WSBS8518LSKITJKP - <b>WSBS Large Plated Size Sample Kit</b> |             |                                |                |                 |                   |
| MODEL                                                       | TYPE        | SPECIAL                        | TOLERANCE      | PACKAGING       | SPECIAL           |
| <b>WSBS</b>                                                 | <b>8518</b> | <b>LKIT - Large Sample Kit</b> | <b>J = 5 %</b> | <b>K = bulk</b> | <b>P = plated</b> |