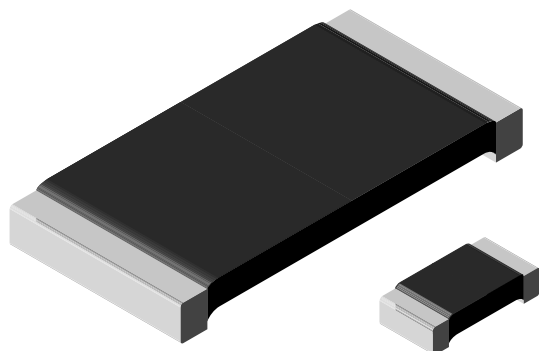


# Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ω), Surface-Mount



## FEATURES

- All welded construction of the Power Metal Strip® resistors are ideal for all types of current sensing, voltage division and pulse applications
- Proprietary processing technique produces extremely low resistance values (down to 0.0005 Ω)
- Sulfur resistance by construction that is unaffected by high sulfur environments
- Very low inductance 0.5 nH to 5 nH
- Low thermal EMF (< 3 μV/°C)
- AEC-Q200 qualified <sup>(1)</sup>
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)

AUTOMOTIVE  
GRADE


Available


**RoHS\***  
Available

**HALOGEN**  
**FREE**  
Available

**GREEN**  
(5-2008)  
Available

## LINKS TO ADDITIONAL RESOURCES



3D Models



Design Tools



Videos

## Notes

- \* This datasheet provides information about parts that are RoHS-compliant and / or parts that are non-RoHS-compliant. For example, parts with lead (Pb) terminations are not RoHS-compliant. Please see the information / tables in this datasheet for details
- Follow link to Overview of Automotive Grade Products for more details: [www.vishay.com/doc?49924](http://www.vishay.com/doc?49924)
- <sup>(1)</sup> Flame retardance test may not be applicable to some resistor technologies

## STANDARD ELECTRICAL SPECIFICATIONS

| GLOBAL MODEL | SIZE | POWER RATING $P_{70\text{ }^{\circ}\text{C}}$<br>W | RESISTANCE VALUE RANGE Ω <sup>(2)</sup> |               | WEIGHT (typical)<br>g/1000 pieces |
|--------------|------|----------------------------------------------------|-----------------------------------------|---------------|-----------------------------------|
|              |      |                                                    | TOL. ± 0.5 %                            | TOL. ± 1.0 %  |                                   |
| WSL0603      | 0603 | 0.1                                                | 0.01 to 0.1                             | 0.01 to 0.1   | 1.9                               |
| WSL0805      | 0805 | 0.125                                              | 0.005 to 0.2                            | 0.005 to 0.2  | 4.8                               |
| WSL1206      | 1206 | 0.25                                               | 0.005 to 0.2                            | 0.0005 to 0.2 | 16.2                              |
| WSL2010      | 2010 | 0.5                                                | 0.004 to 0.5                            | 0.001 to 0.5  | 38.9                              |
| WSL2512      | 2512 | 1.0 <sup>(1)</sup>                                 | 0.003 to 0.5                            | 0.0005 to 0.5 | 63.6                              |
| WSL2816      | 2816 | 2.0                                                | 0.003 to 0.1                            | 0.002 to 0.1  | 118                               |

## Notes

- Part marking: value; tolerance: due to resistor size limitations some resistors will be marked with only the resistance value
- <sup>(1)</sup> For values above 0.1 Ω derate linearly to 80 % rated power at 0.5 Ω
- <sup>(2)</sup> WSL1206 0.0005 Ω to 0.00099 Ω is only available with 2 % tolerance (G tolerance code)

## GLOBAL PART NUMBER INFORMATION

Global Part Numbering Example: **WSL25124L000FEA** (visit [www.vishay.net](http://www.vishay.net) Vishay Dale parts numbering manual for all options)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| W | S | L | 2 | 5 | 1 | 2 | 4 | L | 0 | 0 | 0 | F | E | A |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|

| GLOBAL MODEL<br>(7 digits)                                     | RESISTANCE VALUE <sup>(1)</sup><br>(5 digits)                                                               | TOLERANCE CODE<br>(1 digit)               | PACKAGING CODE <sup>(2)</sup><br>(2 digits)                                                                                                                                                                                                                           | SPECIAL <sup>(3)</sup><br>(up to 2 digits) |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| WSL0603<br>WSL0805<br>WSL1206<br>WSL2010<br>WSL2512<br>WSL2816 | L = mΩ*<br>R = decimal<br>5L000 = 0.005 Ω<br>R0100 = 0.01 Ω<br><br>* Use "L" for resistance values < 0.01 Ω | D = ± 0.5 %<br>F = ± 1.0 %<br>J = ± 5.0 % | EA = lead (Pb)-free, tape / reel<br>EH = lead (Pb)-free, tape / reel (WSL2816)<br><br>TA = tin / lead, tape / reel (R86)<br>TG = tin / lead, tape / reel (RT1, for WSL0603 and WSL0805)<br>TH = tin / lead, tape / reel (RJ9, WSL2816)<br>BA = tin / lead, bulk (B43) | (dash number) from 1 to 99 as applicable   |

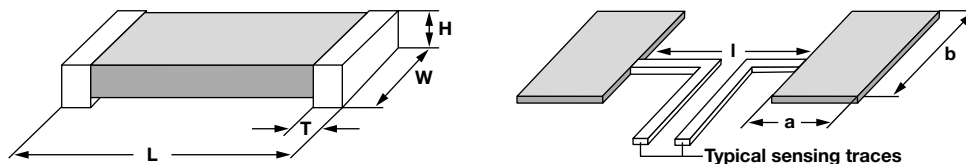
## Notes

- <sup>(1)</sup> WSL marking ([www.vishay.com/doc?30327](http://www.vishay.com/doc?30327)); WSL decade values ([www.vishay.com/doc?30117](http://www.vishay.com/doc?30117))
- <sup>(2)</sup> Packaging code: EB (lead (Pb)-free) and TB (tin / lead) are non-standard packaging codes designating 1000 piece reels. These non-standard packaging codes are identical to our standard EA (lead (Pb)-free) and TA (tin / lead), except that they have a package quantity of 1000 pieces
- <sup>(3)</sup> Follow link for customization capabilities: [www.vishay.com/doc?48163](http://www.vishay.com/doc?48163)

| TECHNICAL SPECIFICATIONS                                                                                           |        |                              |                             |         |         |         |         |
|--------------------------------------------------------------------------------------------------------------------|--------|------------------------------|-----------------------------|---------|---------|---------|---------|
| PARAMETER                                                                                                          | UNIT   | WSL RESISTOR CHARACTERISTICS |                             |         |         |         |         |
|                                                                                                                    |        | WSL0603 <sup>(1)</sup>       | WSL0805                     | WSL1206 | WSL2010 | WSL2512 | WSL2816 |
| Component temperature coefficient<br>(including terminal) <sup>(2)</sup><br>TCR measured from<br>-55 °C to +155 °C | ppm/°C | ± 75 for 50 mΩ to 100 mΩ     | ± 75 for 7 mΩ to 500 mΩ     |         |         |         |         |
|                                                                                                                    |        | ± 110 for 10 mΩ to 49 mΩ     | ± 110 for 5 mΩ to 6.9 mΩ    |         |         |         |         |
|                                                                                                                    |        | -                            | ± 150 for 3 mΩ to 4.9 mΩ    |         |         |         |         |
|                                                                                                                    |        | -                            | ± 275 for 1 mΩ to 2.9 mΩ    |         |         |         |         |
|                                                                                                                    |        | -                            | ± 400 for 0.5 mΩ to 0.99 mΩ |         |         |         |         |
| Element TCR <sup>(3)</sup>                                                                                         | ppm/°C | < 20                         |                             |         |         |         |         |
| Operating temperature range                                                                                        | °C     | -65 to +170                  |                             |         |         |         |         |
| Maximum working voltage <sup>(4)</sup>                                                                             | V      | $(P \times R)^{1/2}$         |                             |         |         |         |         |

**Notes**

- <sup>(1)</sup> Consult factory for detailed TCR performance across temperature range associated with PCN-DR-00003-2020 for WSL0603. TCR performance is improved for +25 °C to +155 °C
- <sup>(2)</sup> Component TCR - total TCR that includes the TCR effects of the resistor element and the copper terminal
- <sup>(3)</sup> Element TCR - only applies to the alloy used for the resistor element; refer to item 1 in the construction illustration on the following page
- <sup>(4)</sup> Maximum working voltage - the WSL is not voltage sensitive, but is limited by power / energy dissipation and is also not ESD sensitive

**DIMENSIONS** in inches (millimeters)

**Notes**

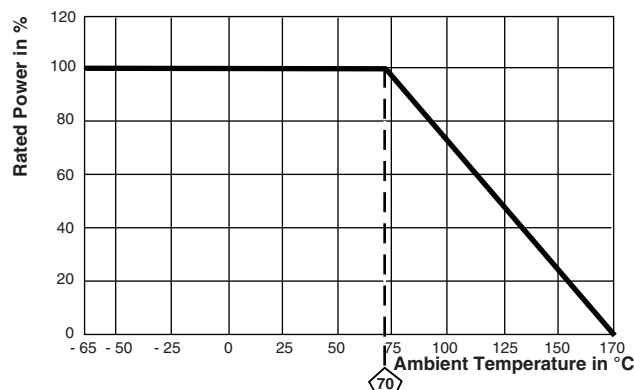
- 3D models available: [www.vishay.com/doc?30306](http://www.vishay.com/doc?30306)
- Surface mount solder profile recommendations: [www.vishay.com/doc?31052](http://www.vishay.com/doc?31052)

| MODEL                  | RESISTANCE RANGE (Ω) | DIMENSIONS                      |                                 |                                  |                                  | SOLDER PAD DIMENSIONS            |                 |                 |
|------------------------|----------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------|-----------------|
|                        |                      | L                               | W                               | H                                | T                                | a                                | b               | l               |
| WSL0603 <sup>(1)</sup> | 0.01 to 0.1          | 0.060 ± 0.010<br>(1.52 ± 0.254) | 0.030 ± 0.010<br>(0.76 ± 0.254) | 0.016 ± 0.005<br>(0.406 ± 0.127) | 0.015 ± 0.010<br>(0.381 ± 0.254) | 0.040<br>(1.01)                  | 0.040<br>(1.01) | 0.020<br>(0.50) |
| WSL0805                | 0.005 to 0.2         | 0.080 ± 0.010<br>(2.03 ± 0.254) | 0.050 ± 0.010<br>(1.27 ± 0.254) | 0.013 ± 0.005<br>(0.330 ± 0.127) | 0.015 ± 0.010<br>(0.381 ± 0.254) | 0.040<br>(1.02)                  | 0.050<br>(1.27) | 0.020<br>(0.50) |
| WSL1206                | 0.0005 to 0.00099    | 0.126 ± 0.010<br>(3.20 ± 0.254) | 0.063 ± 0.010<br>(1.60 ± 0.254) | 0.025 ± 0.010<br>(0.635 ± 0.254) | 0.041 ± 0.010<br>(1.04 ± 0.254)  | 0.089<br>(2.26)                  | 0.076<br>(1.93) | 0.023<br>(0.58) |
|                        | 0.001 to 0.0019      |                                 |                                 |                                  | 0.025 ± 0.010<br>(0.635 ± 0.254) | 0.086<br>(2.18)                  | 0.076<br>(1.93) | 0.029<br>(0.74) |
|                        | 0.002 to 0.0059      |                                 |                                 |                                  |                                  | 0.070<br>(1.78)                  | 0.076<br>(1.93) | 0.061<br>(1.55) |
|                        | 0.006 to 0.20        |                                 |                                 |                                  |                                  | 0.020 ± 0.010<br>(0.508 ± 0.254) | 0.065<br>(1.65) | 0.071<br>(1.80) |
| WSL2010                | 0.001 to 0.0069      | 0.200 ± 0.010<br>(5.08 ± 0.254) | 0.100 ± 0.010<br>(2.54 ± 0.254) | 0.025 ± 0.010<br>(0.635 ± 0.254) | 0.058 ± 0.010<br>(1.47 ± 0.254)  | 0.093<br>(2.36)                  | 0.120<br>(3.05) | 0.055<br>(1.40) |
|                        | 0.007 to 0.5         |                                 |                                 |                                  | 0.020 ± 0.010<br>(0.508 ± 0.254) | 0.055<br>(1.40)                  | 0.120<br>(3.05) | 0.130<br>(3.30) |
| WSL2512                | 0.0005 to 0.00099    | 0.250 ± 0.010<br>(6.35 ± 0.254) | 0.125 ± 0.010<br>(3.18 ± 0.254) | 0.025 ± 0.010<br>(0.635 ± 0.254) | 0.107 ± 0.010<br>(2.72 ± 0.254)  | 0.120<br>(3.05)                  | 0.145<br>(3.68) | 0.050<br>(1.27) |
|                        | 0.001 to 0.0049      |                                 |                                 |                                  | 0.087 ± 0.010<br>(2.21 ± 0.254)  |                                  |                 | 0.125<br>(3.18) |
|                        | 0.005 to 0.0069      |                                 |                                 |                                  | 0.047 ± 0.010<br>(1.19 ± 0.254)  |                                  |                 |                 |
|                        | 0.007 to 0.5         |                                 |                                 |                                  | 0.030 ± 0.010<br>(0.762 ± 0.254) |                                  |                 | 0.160<br>(4.06) |
| WSL2816                | 0.002 to 0.00399     | 0.280 ± 0.010<br>(7.1 ± 0.254)  | 0.165 ± 0.010<br>(4.2 ± 0.254)  | 0.025 ± 0.010<br>(0.635 ± 0.254) | 0.098 ± 0.010<br>(2.49 ± 0.254)  | 0.135<br>(3.43)                  | 0.185<br>(4.7)  | 0.060<br>(1.52) |
|                        | 0.004 to 0.1         |                                 |                                 |                                  | 0.062 ± 0.010<br>(1.57 ± 0.254)  |                                  |                 | 0.125<br>(3.20) |

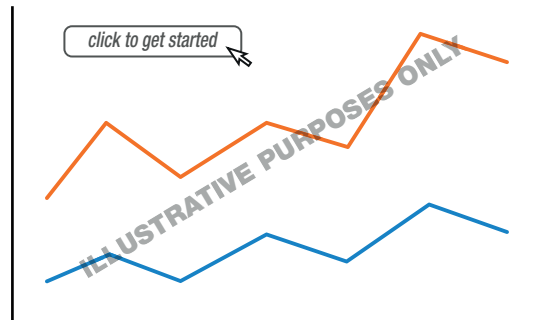
**Note**

- <sup>(1)</sup> PCN-DR-00003-2020 changed terminal height for WSL0603 from 0.013" ± 0.005" for clad construction to 0.016" ± 0.005" for welded construction

## DERATING



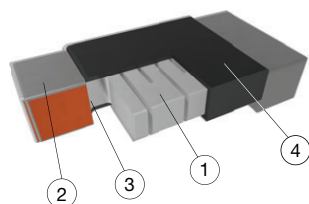
## PULSE CAPABILITY



[www.vishay.com/resistors/power-metal-strip-calculator](http://www.vishay.com/resistors/power-metal-strip-calculator)

## WELDED CONSTRUCTION

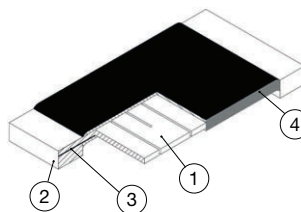
2816, 2512, 2010, 1206, 0603



- ① Resistive element: solid metal nickel-chrome or manganese-copper alloy resistive element with low TCR (< 20 ppm/°C)
- ② Plated terminal: solid copper, 100 % Sn (100 μ" min.) with 100 % Ni (20 μ" min.) under layer finish
- ③ Terminal / element weld
- ④ Silicone coating with ink print

## CLAD CONSTRUCTION

0805



- ① Resistive element: Ni-Cr
- ② Terminal: solid copper, 100 % Sn (100 μ" min.) with 100 % Ni (20 μ" min.) under layer finish
- ③ Terminal to element weld
- ④ High temperature encapsulant: "siliconized polyester" coating material

| PERFORMANCE               |                                                                                                                                                                                                               |                    |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| TEST                      | CONDITIONS OF TEST                                                                                                                                                                                            | TEST LIMITS        |
| Thermal shock             | -55 °C to +150 °C, 1000 cycles, 15 min at each extreme                                                                                                                                                        | ± 0.5 % + 0.0005 Ω |
| Short time overload       | Refer to link for short time overload performance and pulse capability;<br><a href="http://www.vishay.com/resistors/power-metal-strip-calculator/">www.vishay.com/resistors/power-metal-strip-calculator/</a> | ± 0.5 % + 0.0005 Ω |
| Low temperature operation | -65 °C for 24 h                                                                                                                                                                                               | ± 0.5 % + 0.0005 Ω |
| High temperature exposure | 1000 h at + 170 °C                                                                                                                                                                                            | ± 1.0 % + 0.0005 Ω |
| Bias humidity             | +85 °C, 85 % RH, 10 % bias, 1000 h                                                                                                                                                                            | ± 0.5 % + 0.0005 Ω |
| Mechanical shock          | 100 g's for 6 ms, 5 pulses                                                                                                                                                                                    | ± 0.5 % + 0.0005 Ω |
| Vibration                 | Frequency varied 10 Hz to 2000 Hz in 1 min, 3 directions, 12 h                                                                                                                                                | ± 0.5 % + 0.0005 Ω |
| Load life                 | 1000 h at rated power, + 70 °C, 1.5 h "ON", 0.5 h "OFF"                                                                                                                                                       | ± 1.0 % + 0.0005 Ω |
| Resistance to solder heat | +260 °C solder, 10 s to 12 s dwell, 25 mm/s emergence                                                                                                                                                         | ± 0.5 % + 0.0005 Ω |
| Moisture resistance       | MIL-STD-202, method 106, 0 % power, 7a and 7b not required                                                                                                                                                    | ± 0.5 % + 0.0005 Ω |

| PACKAGING <sup>(1)</sup> |                          |             |             |      |
|--------------------------|--------------------------|-------------|-------------|------|
| MODEL                    | REEL                     |             |             |      |
|                          | TAPE WIDTH               | DIAMETER    | PIECES/REEL | CODE |
| WSL0603                  | 8 mm / punched paper     | 178 mm / 7" | 5000        | EA   |
| WSL0805                  | 8 mm / punched paper     | 178 mm / 7" | 5000        | EA   |
| WSL1206                  | 8 mm / embossed plastic  | 178 mm / 7" | 4000        | EA   |
| WSL2010                  | 12 mm / embossed plastic | 178 mm / 7" | 4000        | EA   |
| WSL2512                  | 12 mm / embossed plastic | 178 mm / 7" | 2000        | EA   |
| WSL2816                  | 12 mm / embossed plastic | 178 mm / 7" | 2000        | EH   |

### Notes

- Embossed carrier tape per EIA-481
- (1) Additional packaging details at [www.vishay.com/doc?20051](http://www.vishay.com/doc?20051)



## Disclaimer

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Vishay makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product. To the maximum extent permitted by applicable law, Vishay disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

Statements regarding the suitability of products for certain types of applications are based on Vishay's knowledge of typical requirements that are often placed on Vishay products in generic applications. Such statements are not binding statements about the suitability of products for a particular application. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts. Product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein.

Except as expressly indicated in writing, Vishay products are not designed for use in medical, life-saving, or life-sustaining applications or for any other application in which the failure of the Vishay product could result in personal injury or death. Customers using or selling Vishay products not expressly indicated for use in such applications do so at their own risk. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay. Product names and markings noted herein may be trademarks of their respective owners.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Vishay:

|                                        |                                        |                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| <a href="#"><u>WSL2010R3320FBA</u></a> | <a href="#"><u>WSL1206R0330FBA</u></a> | <a href="#"><u>WSL1206R0100DTA</u></a> | <a href="#"><u>WSL1206R0100FTB</u></a> | <a href="#"><u>WSL1206R0500FBA</u></a> |
| <a href="#"><u>WSL1206R0200FTB</u></a> | <a href="#"><u>WSL1206R0400FBA</u></a> | <a href="#"><u>WSL1206R0800FBA</u></a> | <a href="#"><u>WSL1206R0600FBA</u></a> | <a href="#"><u>WSL1206R0300FBA</u></a> |
| <a href="#"><u>WSL1206R1500FBA</u></a> | <a href="#"><u>WSL2010R4700FBA</u></a> | <a href="#"><u>WSL2010R1200FBA</u></a> | <a href="#"><u>WSL2010R1500FBA</u></a> | <a href="#"><u>WSL2010R1800FBA</u></a> |
| <a href="#"><u>WSL2010R2500FBA</u></a> | <a href="#"><u>WSL2010R2200FBA</u></a> | <a href="#"><u>WSL2010R2700FBA</u></a> | <a href="#"><u>WSL2010R0500FBA</u></a> | <a href="#"><u>WSL2010R0100FBA</u></a> |
| <a href="#"><u>WSL2010R0300FBA</u></a> | <a href="#"><u>WSL2010R0600FBA</u></a> | <a href="#"><u>WSL2010R0200FBA</u></a> | <a href="#"><u>WSL2010R2000FBA</u></a> | <a href="#"><u>WSL2010R5000FBA</u></a> |
| <a href="#"><u>WSL2010R1000FBA</u></a> | <a href="#"><u>WSL2010R4000FBA</u></a> | <a href="#"><u>WSL2010R3000FBA</u></a> | <a href="#"><u>WSL0805R1800FBA</u></a> | <a href="#"><u>WSL0805R1200FBA</u></a> |
| <a href="#"><u>WSL12067L500FTB</u></a> | <a href="#"><u>WSL2010R2000FEB</u></a> | <a href="#"><u>WSL2512R0390FTA</u></a> | <a href="#"><u>WSL2512R0240FTA</u></a> | <a href="#"><u>WSL2512R0220FTA</u></a> |
| <a href="#"><u>WSL2512R0330FBA</u></a> | <a href="#"><u>WSL2512R0750FBA</u></a> | <a href="#"><u>WSL2512R0160FTB</u></a> | <a href="#"><u>WSL2512R0120FBA</u></a> | <a href="#"><u>WSL2512R0270FTA</u></a> |
| <a href="#"><u>WSL2512R0250FBA</u></a> | <a href="#"><u>WSL25127L000FBA</u></a> | <a href="#"><u>WSL25125L000FBA</u></a> | <a href="#"><u>WSL25123L000FBA</u></a> | <a href="#"><u>WSL25126L000FBA</u></a> |
| <a href="#"><u>WSL2512R0560FTA</u></a> | <a href="#"><u>WSL2512R0680FBA</u></a> | <a href="#"><u>WSL2512R0620FBA</u></a> | <a href="#"><u>WSL2010R0680FBA</u></a> | <a href="#"><u>WSL1206R0400FEK</u></a> |
| <a href="#"><u>WSL2010R0500DTA</u></a> | <a href="#"><u>WSL2010R5000FTA</u></a> | <a href="#"><u>WSL1206R0200DTB</u></a> | <a href="#"><u>WSL0805R0250FTB</u></a> | <a href="#"><u>WSL25127L500FBA</u></a> |
| <a href="#"><u>WSL2512R3320FTB</u></a> | <a href="#"><u>WSL2512R1620FTB</u></a> | <a href="#"><u>WSL2512R1210FTB</u></a> | <a href="#"><u>WSL2512R1460FTB</u></a> | <a href="#"><u>WSL2512R2320FTB</u></a> |
| <a href="#"><u>WSL1206R1400FTB</u></a> | <a href="#"><u>WSL1206R1300FTB</u></a> | <a href="#"><u>WSL1206R1100FTB</u></a> | <a href="#"><u>WSL2010R4990FTB</u></a> | <a href="#"><u>WSL2512R0470FTB</u></a> |
| <a href="#"><u>WSL2512R0430FTB</u></a> | <a href="#"><u>WSL25129L000FTB</u></a> | <a href="#"><u>WSL25128L000FTB</u></a> | <a href="#"><u>WSL2512R0140FTB</u></a> | <a href="#"><u>WSL2512R0510FTB</u></a> |
| <a href="#"><u>WSL2512R0590FTB</u></a> | <a href="#"><u>WSL2512R0370FTB</u></a> | <a href="#"><u>WSL25125L000JTB</u></a> | <a href="#"><u>WSL2010R0240FTB</u></a> | <a href="#"><u>WSL2010R0220FTB</u></a> |
| <a href="#"><u>WSL2010R0650FTB</u></a> | <a href="#"><u>WSL2010R0620FTB</u></a> | <a href="#"><u>WSL2010R0470FTB</u></a> | <a href="#"><u>WSL20106L000FTB</u></a> | <a href="#"><u>WSL2010R0160FTB</u></a> |
| <a href="#"><u>WSL2010R0170FTB</u></a> | <a href="#"><u>WSL2010R0520FTB</u></a> | <a href="#"><u>WSL2512R4870FTB</u></a> | <a href="#"><u>WSL2512R4020FTB</u></a> | <a href="#"><u>WSL2512R4990FTB</u></a> |
| <a href="#"><u>WSL2512R4530FTB</u></a> | <a href="#"><u>WSL2512R2700FTB</u></a> | <a href="#"><u>WSL2512R1800FTB</u></a> | <a href="#"><u>WSL2512R1300FTB</u></a> | <a href="#"><u>WSL0805R0100FTB</u></a> |
| <a href="#"><u>WSL0805R0200FTB</u></a> | <a href="#"><u>WSL0805R1500FTB</u></a> | <a href="#"><u>WSL2010R0330FEB</u></a> | <a href="#"><u>WSL1206R0650FTB</u></a> | <a href="#"><u>WSL1206R0680FTB</u></a> |
| <a href="#"><u>WSL1206R0100JEA</u></a> | <a href="#"><u>WSL2512R0125FEB</u></a> | <a href="#"><u>WSL2512R0150FEA</u></a> | <a href="#"><u>WSL0805R0360FEB</u></a> | <a href="#"><u>WSL2512R1800FEA</u></a> |