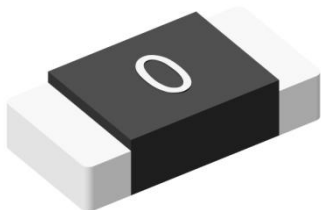


**Zero-ohm jumper SMD resistor (0.0002Ω Max),
pure copper package, SMT type**

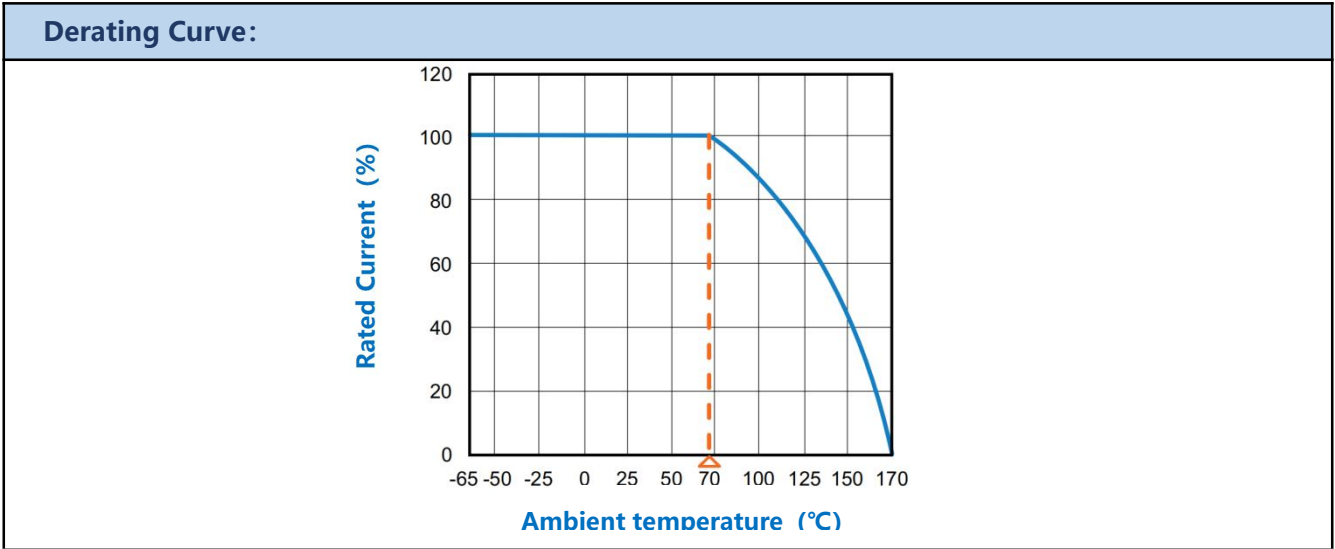


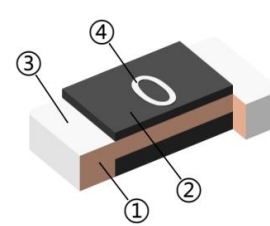
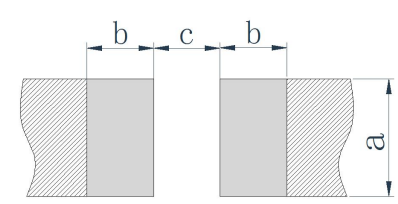
Features:

- Pure copper structure, ultra low resistance < 0.0002Ω, ideal for high- current bridging applications.
- Versatile for power layout jumper routing.
- RoHS compliant.
- Customization

Parameter:	
Resistance value	< 0.2mΩ
Temperature range	-55°C ~ +170°C
Inductance	< 1nH
Rated Power	1W

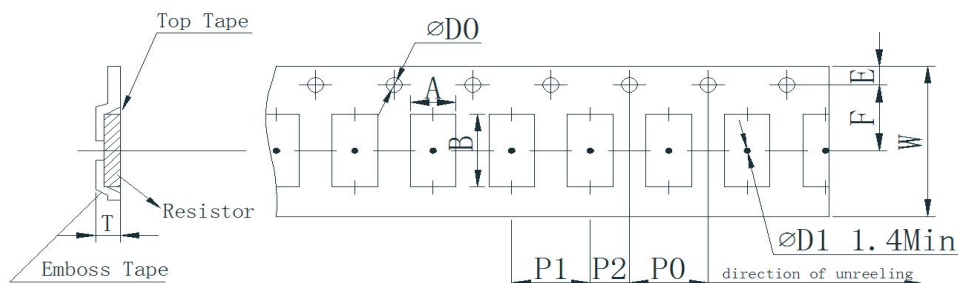
Dimensions(mm):						
Series	Resistance Value	L (mm)	W (mm)	A (mm)	t (mm)	T (mm)
WSL1206	≤0.0002Ω	3.2±0.2	1.6±0.2	0.6±0.2	0.6±0.1	0.7±0.15



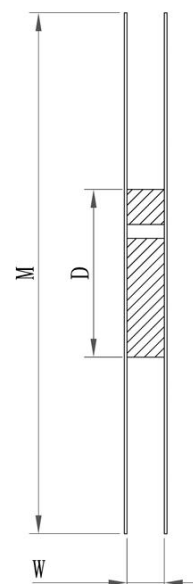
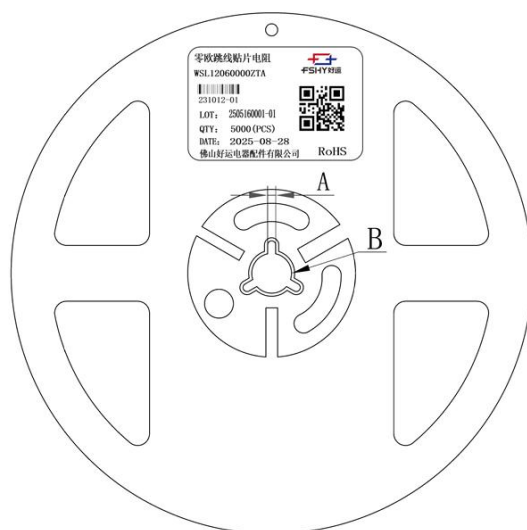
Construction:	Recommended pad and size(mm):						
 <ul style="list-style-type: none"> 1.Pure copper structure 2.High-temperature resistant, insulated & flame-retardant resin 3.Plating (Ni + Sn) 4.Markings 	 <table border="1"> <thead> <tr> <th>a (mm)</th> <th>b (mm)</th> <th>c (mm)</th> </tr> </thead> <tbody> <tr> <td>2.18</td> <td>1.2</td> <td>1.8</td> </tr> </tbody> </table>	a (mm)	b (mm)	c (mm)	2.18	1.2	1.8
a (mm)	b (mm)	c (mm)					
2.18	1.2	1.8					

Performance:		
Test Item	Standard	Test method
Solderability	No visible damage Minimum solderable area: 95%	IEC60115-1 4.17, 245°C tin bath,3s
Short-time overload	$R \leq 0.2m\Omega$	IEC60115-1 4.13, five times rated power,5s
Temperature cycle	$R \leq 0.2m\Omega$	IEC60115-1 4.19, -55°C@30mins ~ +155°C@30mins; 1000 cycles
High temperature storage	$R \leq 0.2m\Omega$	IEC60115-1 4.25.3, 1000hours@170°C, no load applied
High temp. & High humidity	$R \leq 0.2m\Omega$	MIL-STD-202 Method 103, 1000 hours at 85°C and 85% RH, with 10% rated power (current) or component limit current (whichever is lower) applied.
Load life	$R \leq 0.2m\Omega$	IEC 60115-1 4.25.1, 1000hours at 70°C±2°C, with rated current or component limit current (whichever is lower), 1.5h on / 0.5h off cycle
Withstand Voltage	No short circuit, no surface scorching.	Apply 500VAC for 1 min, leakage current $\leq 50mA$

Packing specifications and size (Units:mm):



Type	A	B	W	E	F	P0	P1	P2	ΦD0	T	QTY
1206	1.9	3.5	8	1.75	3.5	4	4	2	1.5	1.0	5000



Reel Type	W	M	A	B	D
7" reel for 8mm tape	8.3±0.5	Φ178±2.0	2.0±0.5	Φ13.5±0.5	Φ60.0±1.0

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Version update record

Version NO.	Update record	Person in charge	发布日期
A0	Version Release	Qingke Zeng	2022/2/21
A1	Update resistor parameters	Qingke Zeng	2024/8/14
A2	Update reel & tape label contents	Yongguang Tang	2025/10/08
A3	Add temperature-power derating curve	Yongguang Tang	2026/3/23
A4	Add performance requirements	Yongguang Tang	2026/4/27