

Metal foil low resistance chip resistors (High Current Surface Mount Jumper Chip)

■ YJP series

Features

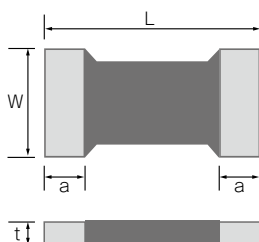
- Achieve a simplified circuit design, loop, switching the power supply line when the current change
- Resistance value is less than $0.3\text{m}\Omega$ in the operating temperature range.
- Made it possible to surface mounting to facilitate the implementation by the replacement of Jumper lead
- Contribute to the reduction of power loss and voltage drop due to large current circuit
- Operating temperature : $\sim 125^{\circ}\text{C}$, high stability
- Exterior resin is halogen-free environment-friendly products.

Applications

- Mobile phones, smart phones, automotive electronics, power sources, servers, PCs, etc.

Specifications

◆ Dimensions



Dimensions (mm)	YJP1608 (0603)
L	1.60 ± 0.20
W	0.80 ± 0.20
t	0.30 ± 0.10
a	0.30 ± 0.20

◆ Electrical characteristics

Series name	YJP1608
Resistance range (Ω)	$0.2 \pm 0.1\text{m}\Omega$ Maximum resistance is less than $0.3\text{m}\Omega$ under the operating temperature range
Rated maximum current	10A (constant current)
Operating temperature	$-40 \sim +125^{\circ}\text{C}$
Rated ambient temperature	$+70^{\circ}\text{C}$
Packaging	5,000pcs

Part numbering system

YJP 1608 - R001

Maximum resistor value
Size
Series code