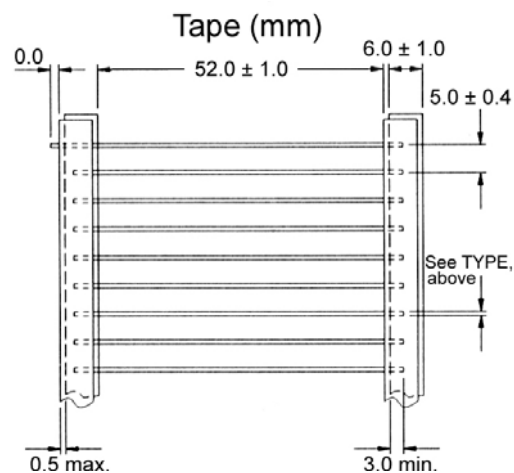


- Features:
- Ideal for crossovers or jumpers on circuit boards
  - High current ratings
  - Standard JW is copper plated steel, with 100% tin overplate
  - 100% tin plate on copper wire is available as type JWQ
  - RoHS compliant / lead free

### Electrical & Mechanical Specification

| Type   | Gauge References | Maximum Current | Diameter                     | Unit         |
|--------|------------------|-----------------|------------------------------|--------------|
| JW50 R | 24               | 3 Amp           | 0.02 ± 0.001<br>0.5 ± 0.02   | inches<br>mm |
| JW55 R | 23               | 3 Amp           | 0.022 ± 0.001<br>0.55 ± 0.03 | inches<br>mm |
| JW60 R | 22               | 3 Amp           | 0.024 ± 0.001<br>0.6 ± 0.03  | inches<br>mm |
| JW80 R | 20               | 4 Amp           | 0.031 ± 0.001<br>0.8 ± 0.05  | inches<br>mm |



### Performance Characteristics

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Coating Thickness | 5u ± 2u                                                      |
| Bending           | 7.1 0.4mm - below 0.6mm - 250g<br>7.2 0.6mm - below 1 - 500g |
| Heat Reliability  | 8.1 Sn 100%:<br>Heat 195°C ± 5°C / 1 hour                    |
| Humidity          | 40°C / 90 - 95RH / 72 hours                                  |
| Solderability     | 235°C ± 5°C / 3 seconds                                      |

### How to Order

| 1              | 2           | 3    | 4            | 5         | 6        | 7         | 8             | 9          | 10               |
|----------------|-------------|------|--------------|-----------|----------|-----------|---------------|------------|------------------|
| J              | W           | 5    | 0            | Z         | T        | 0         | R             | 0          | 0                |
| Product Series |             | Size | Power Rating | Tolerance |          | Packaging |               |            | Resistance Value |
| JW             | Jumper Wire | 50   | 0.5 mm       | Code      | Tol      | Code      | Description   | Size       | Quantity         |
|                |             | 55   | 0.55 mm      | Z         | Zero Ohm | T         | Tape and Reel | 50, 55, 60 | 10,000           |
|                |             | 60   | 0.6 mm       |           |          |           |               | 80         | 8,000            |
|                |             | 80   | 0.8 mm       |           |          | A         | Ammo          | 50, 55, 60 | 10,000           |
|                |             |      |              |           |          |           |               | 80         | 8,000            |

Four characters with the multiplier used as the decimal holder.

Legacy Part Number (before January 3, 2011):

| SEI Type |             | Code |          | Nominal Resistance | Packaging  |        |             |      |
|----------|-------------|------|----------|--------------------|------------|--------|-------------|------|
| JW       |             | 50   |          | 0                  | R          |        |             |      |
| Type     | Description | Code | Diameter |                    | Types      | Qty    | Description | Code |
| JW       | Jumper Wire | 50   | 0.5 mm   |                    | 50, 55, 60 | 10,000 | Reel        | R    |
|          |             | 55   | 0.55 mm  |                    | 80         | 8,000  |             |      |
|          |             | 60   | 0.6 mm   |                    | 50, 55, 60 | 10,000 | Ammo        | T    |
|          |             | 80   | 0.8 mm   |                    | 80         | 8,000  |             |      |