

INTRODUCTION

JW Series are developed for the interconnection device Between points on a P.C. Board as jumper wires or Crossovers. LIEAN GIMN offer a quick solution to the following problems, (1) Inability to connect two points on a P.C. Board due to other circuit paths which must be crossed over. (2) An After the fact design the requires new point connections. (3) Circuit tuning by changing point connections. Zero ohms are especially suited for automatic machine insertion.

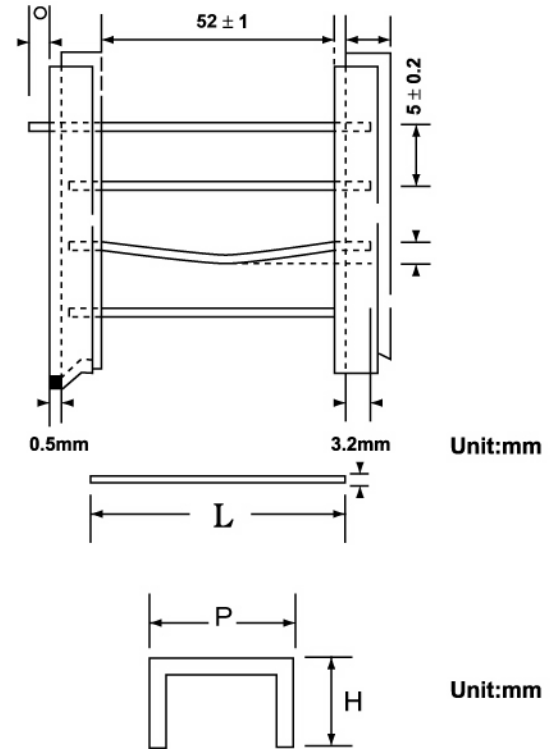
DIMENSIONS T-TYPE

| STYLE | L±1 | ød±0.05 |
|-------|------|---------|
| JW-05 | 52.4 | 0.5 |
| JW-06 | 52.4 | 0.6 |
| JW-07 | 52.4 | 0.7 |
| JW-08 | 52.4 | 0.8 |

DIMENSIONS M-TYPE

| STYLE | P±0.5 | H±0.06 | ød±0.05 |
|-------|-------|--------|---------|
| M | 5-30 | 3-10 | 0.5-0.8 |

- Material of jumper safe copper wire tin plating
- Twisting strength / CNS 360 , 2 cycles
- Thickness of plating / 5u±2u



The Height (H) will be changed based on different resistance and pitch (P)

| TEST | TEST METHOD | LIMITS |
|-------------------------|---|-------------------|
| RESISTANCE | <0.05 ohm | |
| OPERATING TEMPERATURE | -55°C± to +155°C | |
| MAX. CURRENT | 5. amps | |
| MAX. WORKING VOLTAGE | 300Vdc | |
| MAX. OVERLOAD VOLTAGE | 600Vdc | |
| TEMPERATURE COEFFICIENT | (PPM/°C) 0 ~ -100 PPM | |
| SHORT TIME OVERLOAD | Apply 2.5 times the voltage rating for 5 sec | NO VISIBLE DAMAGE |
| LOAD LIFE | 1,000 hrs. at 70°C a direct voltage applied, and cycles of 1.5 hrs. on and 0.5 hrs. off throughout test | ΔR = 0.5% |
| TEMPERATURE CYCLING | 5 cycles of 30 min. duration at the extremes of temp range, Value 4 hrs. Maximum and minimum, measurement of ohmic after completion of test | ΔR = 0.5% |
| DIELECTRIC STRENGTH | Using a 95°C "V" shaped conductive block apply 100V minimum, Increasing 100V/sec. For 5 sec. | ΔR = 0.5% |
| HUMIDITY | 350 hrs. at 40°C, 90 ~ 95% Rh | 95% of TESTED |
| SOLDERABILITY | Dipped in Sn / Pb (60/40) at 235o, 5 sce. 1.5mm from the body | SURFACE COVERED |
| VIBRATION | By Mil STD.202, 201A | |
| TERMINAL ROBUSTNESS | Traction, applied 2.5kg. for 10 sec. Bends, 2 bends 90°C applying Load to terminals of 0.5kg. Twist. 2 successive turns 180°, 6mm From body | |
| RESISTANCE TO SOLVENTS | Trichlorethylene , TMC as the most aggressives for 60 sec. at Boiling point. | NO VISIBLE DAMAGE |