



APPROVAL SHEET

NAME : **Winston International, LTD.**

MODEL NO : **44-751-8C61**

NO. : **P8-006-29-2EW**

DESCRIPTION : **CAT. 6 UTP 8P8C 2R-V Super short wire guide,
Three prong, 50u"(3-022ES)**

MATERIAL : **UL-94V2 (PC L-1250Y)**

ISSUED DATE : **2024.07.26**

| 工程主管 Approved by Chief of Engineering | 生產經理 Production Manager | 品保主管 Chief of Quality Control | 經辦 The person in charge |
|--|----------------------------|----------------------------------|----------------------------|
| Shunfa Wang | Shunfa Wang | Hsien Liu | Kate Lin |



X-RAY Test Report For Gold And Nickel Plated Thickness Of Contacts

Product: 1 / Au/Ni/Cu-Alloy BATCH SIZE: 50U"

Block No:

| | | | | |
|------|--------|---------|--------|----------|
| n= 1 | Au 1 = | 52.7 u" | Ni 2 = | 177.3 u" |
| n= 2 | Au 1 = | 56.1 u" | Ni 2 = | 180.0 u" |
| n= 3 | Au 1 = | 55.7 u" | Ni 2 = | 206.9 u" |
| n= 4 | Au 1 = | 53.6 u" | Ni 2 = | 188.8 u" |
| n= 5 | Au 1 = | 53.8 u" | Ni 2 = | 186.3 u" |
| n= 6 | Au 1 = | 55.8 u" | Ni 2 = | 187.3 u" |
| n= 7 | Au 1 = | 55.6 u" | Ni 2 = | 185.0 u" |
| n= 8 | Au 1 = | 54.2 u" | Ni 2 = | 196.8 u" |

| | | |
|--------------------|-----------|-------------------|
| Mean | 54.69 u" | 188.6 u" |
| Standard deviation | 1.277 u" | 9.441 u" |
| C. O. V. | 2.34 % | 5.01 % |
| Range | 3.43 u" | 29.6 u" |
| Number of readings | 8 | 8 |
| Min. reading | 52.7 u" | 177.3 u" |
| Max. reading | 56.1 u" | 206.9 u" |
| Operator: | | |
| Date: | 2024/7/26 | Time: 下午 04:12:21 |

Drawing Number:P8-006-29-②③Ⓔ

1.Housing Material:Polycarbonate UL Flammability Rating:

②=UL 94V-2, RoHS Compliant.

2. Contacts Type:

③=Three prong pin fits Solid/Stranded Wires.

3. Gold Plating:

Ⓔ=50u" ($\geq 1.27 \mu m$).

4. Minimum Packaging Quantity:100 pcs

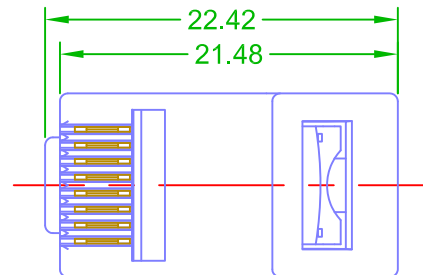
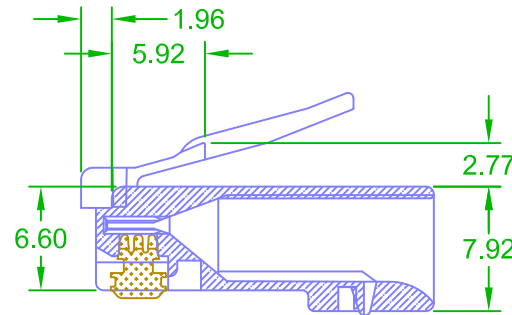
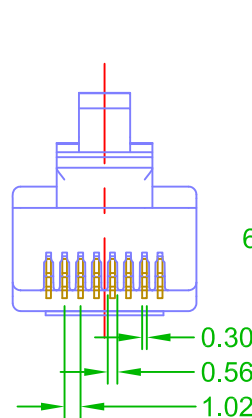
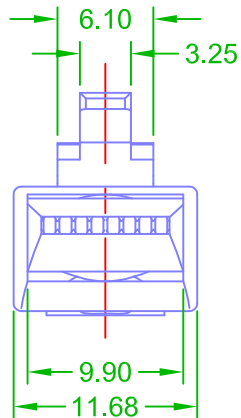
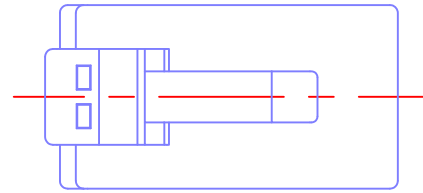
5. Housing Color:Clear

6. Shielded Material: Non-Shielded.

7. Operating Temperature:-10°C to 60°C.

- Housing Material(0, 2)
- Contacts type(1, 2, 3)
- Gold plating(F, A, H, B, C, D, E)
- Packaging Quantity(S, T, U, V, W, X, Y, Z, Q)
- Housing Color(Blank, RD, OR, YL, GN, BL, PU, BK)

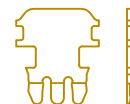
Drawing NO:P8-006-29-



Straight pin



Two prongs pin



Three prongs pin

NOTE TOL:±0.1

| | | | | | | | | | |
|-----|-------------------------|-------|-----|----------|--------------|------|------------|---|------|
| C | 2023/05/10 Revised Date | 3RD | | Drawing | <i>Chidy</i> | Date | 2015/05/14 | UL Code | 8P8C |
| A | An initial version | Unit | m/m | Checked | <i>Chris</i> | Date | 2015/05/14 | Description | |
| Rev | Description | Scale | 1:1 | Approved | <i>Jason</i> | Date | 2015/05/14 | 2R-V super short wire guide with full closed small strain relief, 0.3mm | |

Weltron[®]

■ Panlite L-1250Y

| Category | Unit | Test Method | Condition | L-1250Y |
|---------------------------------|------------------------|-------------------------------|--------------------|--------------------------|
| Melt volume flow rate | cm ³ /10min | ISO 1133 | 300°C load 1.2kg | 8 |
| Density | kg/m ³ | ISO 1183 | — | 1200 |
| Water absorption rate | % | ISO 62 | in water 23°C 24h | 0.2 |
| Light transmission | % | ASTM D 1003 | thickness 3mm | 88 |
| Refractive index | — | ASTM D 542 | — | 1.585 |
| Tensile modulus | Mpa | ISO 527-1 and ISO 527-2 | 1mm/min | 2400 |
| Tensile stress at yield | Mpa | | 50mm/min | 61 |
| Tensile strain at yield | % | | 50mm/min | 6 |
| Nominal tensile strain at break | % | | 50mm/min | >50 |
| Flexural modulus | Mpa | ISO 178 | 2mm/min | 2300 |
| Flexural strength | Mpa | | 2mm/min | 91 |
| Charpy impact strength | KJ/m ² | ISO 179 | unnotched | NB |
| | | | notched | 76 |
| Heat deflection temperature | °C | ISO 75-1 and ISO 75-2 | 1.80Mpa | 129 |
| | | | 0.45Mpa | 142 |
| Vicat softening temperature | °C | ISO 306 | 50°C/h 50N | 149 |
| Mold shrinkage | % | In-house method | parallel | 0.5~0.7 |
| | | | vertical | 0.5~0.7 |
| Coefficient of linear expansion | ×10 ⁻⁴ /°C | ISO 11359-2 | parallel | 0.7 |
| | | | vertical | 0.7 |
| Specific inductive capacity | — | IEC 60250 | 100Hz | 3.1 |
| | — | | 1MHz | 3 |
| Dielectric loss tangent | ×10 ⁻⁴ | IEC 60250 | 100Hz | 10 |
| | ×10 ⁻⁴ | | 1MHz | 90 |
| Volume resistivity | Ω · m | IEC 60093 | — | >1×10 ¹³ |
| Surface resistivity | Ω | IEC 60093 | — | >1×10 ¹⁵ |
| Withstand voltage | MV/m | IEC 60243-1 | short time test | 30 |
| Tracking resistance | — | IEC 60112 | — | 250 |
| Flammability | — | UL 94 | — | V-2(0.40mm) HB(1.5mm) |
| Temperature index | °C | UL 746B | electric 1.47mmt | 125 |
| | | | impact 1.47mmt | 115 |
| | | | non-impact 1.47mmt | 125 |

※The values listed are specification values, not certified values.