

9202.**

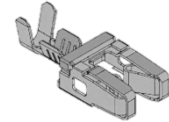
RAST 5 TERMINALS CRIMP CONNECT- FOR 1.5MM PCB




Description RAST 5 PCB CRIMP CONNECT

Wire section range 0.50 – 1.00 mm² (AWG 20 – 18)

Max. Insulator Ø 2.8 mm



Materials, Temperature & Contact resistance

| Part nr. | Material | Finish | Max. Temp. (C°) | UL regulation |
|----------|----------|------------|-----------------|---|
| 9202.01 | Brass | Tin plated | 120 | - |
| 9202.31 | Bronze | Tin plated | 130 |  |

Material thickness 0.25 mm

Max. Rated current

Maximum Current values.

Values of the table show the recommended maximum current values, limited by the cross section of the cable used.

These maximum values also depend on the ambient temperature, and can be reduced depending on the working conditions.

For more precise information about the maximum rating current applicable in each case, consult the "Temperature Rise" and "De-rating" curves.

| Wire section (mm ²) | Current (A) |
|---------------------------------|-------------|
| 0.50 | 4 |
| 0.75 | 5 |
| 1.00 | 6 |

Insertion/Withdrawal Forces



(for terminal 1.5mm PCB)

| | |
|-------------------------------|----------|
| 1 st . Insertion | 5 N Max. |
| 1 st . Withdrawal | 1 N Min. |
| 10 th . Withdrawal | 1 N Min. |

Application tool MN9202

Wire striping length 3.3 (±0.2) mm

Crimping parameters & Pull out force

| Wire section (mm ² ±10%) | Conductor (mm)  | | Insulator (mm)  | Pull-out force (N) |
|-------------------------------------|--|------------------|--|--------------------|
| | Height (±0,03) | Width (measured) | Width (measured) | |
| Nominal | | | | |
| 0.50 | 1.22 | 1.78 | 3.00 | >90 |
| 0.75 | 1.30 | 1.79 | 3.01 | >130 |
| 1.00 | 1.40 | 1.80 | 3.02 | >170 |

Note: Values only valid for the application tool specified. The insulator width is only indicative as they depend of the insulation properties.

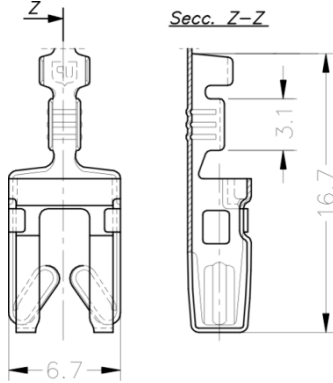
Packaging 4000 Pieces on 20 mm cardboard reel, 15.2 mm terminal chain pitch

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RAST 5 TERMINALS CRIMP CONNECT- FOR 1.5MM PCB



Drawing



Approvals

- RoHS Compliant
- UL (see table above)



Connectors Compatibility

| Reference | Colour | Nº Ways | Raw material |
|-----------|---------|---------|--------------|
| P59221* | Natural | 2 | PA66V2 |
| P59223* | | | PA66/6V0 |
| P59224* | | | PANF |
| P59227* | | | PPV2NF |
| P59241* | Natural | 4 | PA66V2 |
| P59243* | | | PA66/6V0 |
| P59244* | | | PANF |
| P59247* | | | PPV2NF |
| P59251* | Natural | 5 | PA66V2 |
| P59253* | | | PA66/6V0 |
| P59254* | | | PANF |
| P59257* | | | PPV2NF |
| P59261* | Natural | 6 | PA66V2 |
| P59263* | | | PA66/6V0 |
| P59264* | | | PANF |
| P59267* | | | PPV2NF |
| P59271* | Natural | 7 | PA66V2 |
| P59273* | | | PA66/6V0 |
| P59274* | | | PANF |
| P59277* | | | PPV2NF |
| P59281* | Natural | 8 | PA66V2 |
| P59283* | | | PA66/6V0 |
| P59284* | | | PANF |
| P59287* | | | PPV2NF |
| P59291* | Natural | 9 | PA66V2 |
| P59293* | | | PA66/6V0 |
| P59294* | | | PANF |
| P59297* | | | PPV2NF |
| P592101* | Natural | 10 | PA66V2 |
| P592103* | | | PA66/6V0 |
| P592104* | | | PANF |
| P592107* | | | PPV2NF |
| P592111* | Natural | 11 | PA66V2 |
| P592113* | | | PA66/6V0 |
| P592114* | | | PANF |
| P592117* | | | PPV2NF |

Note: For others materials and colours ask: info@escubedo.com

Disclaimer

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| Rev. Nr. | Concept | Date | Created/Revised | Approved |
|----------|---------------------|------------|----------------------|----------|
| 5 | Sheet format Update | 24/10/2016 | D.Martinez / E.Roura | X.Menac |