

Data sheet

PR044xxHBBN Type 190

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P/N

311901xx

xx=number of poles

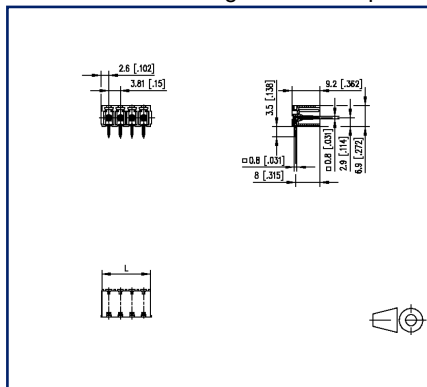
2025/04/29

Version: AB

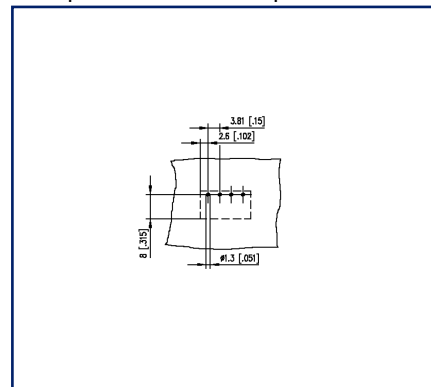
Illustrations



Dimensional drawing as an example



Drill pattern as an example



See enlarged drawings at the end of document

Product specification

- pin header, THR solderable
- centerline 3.81 mm, direction of connection 90°
- closed ends
- color black
- Tape & Reel packaging possible
- codeable



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Technical Data

General Data

| | | | |
|---------------------------|---------|-------|-------|
| Solder pin length | 3.5 mm | | |
| min. number of poles | 2 | | |
| max. number of poles | 12 | | |
| Insulating material class | CTI 600 | | |
| clearance/creepage dist. | 3.01 mm | | |
| Protection category | IP00 | | |
| Rated current | 10 A | | |
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Rated voltage | 200 V | 500 V | 500 V |
| Rated test voltage | 4 kV | 4 kV | 4 kV |

Approvals

| | |
|---|--------------------------------------|
|  V / A | 300 / 8 |
| approval UL - File No. | E121004 |
|  | 130 V / 2.5 kV / 10 A / 0.8 x 0.8 mm |

Material

| | |
|-----------------------------|-------------------------------|
| insulating material | PA66/6T |
| flammability class | V0 |
| contact pin material | CuMg |
| contact pin surface | Ni + Sn |
| Glow-Wire Flammability GWFI | 960 °C acc. to IEC 60695-2-12 |
| Glow-Wire Flammability GWIT | 775 °C acc. to IEC 60695-2-13 |

Climatic Data

| | |
|-------------------------|--------|
| upper limit temperature | 105 °C |
| lower limit temperature | -40 °C |

general

| | |
|---------------|--------------|
| Tolerance | ISO 2768 -mH |
| Solderability | reflowable |

Application note

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Technical Data

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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Accessories

| P/N | Designation |
|----------------|--|
| 700333-01-1216 | LED-light transmitter for headers, pluggable |
| 700333-02-1216 | LED-light transmitter for headers, pluggable |
| 700333-03-1216 | LED-light transmitter for headers, pluggable |
| 720293-01-2 | Coding Star for pin header, centerline 3.81 mm |



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Counterpart of

| P/N | Designation |
|------------|----------------------|
| 311131 | RP034xxHBLO Type 113 |
| 311141 | RP034xxHBLN Type 114 |
| 313691 | RP034xxVBLN Type 369 |
| ASP044 | SP044xxVBNN ASP044 |
| ASP0440222 | SP044xxVBNN ASP044 |
| ASP0440322 | SP044xxVBNN ASP044 |
| ASP0440422 | SP044xxVBNN ASP044 |
| ASP0440522 | SP044xxVBNN ASP044 |
| ASP0440622 | SP044xxVBNN ASP044 |
| ASP0440822 | SP044xxVBNN ASP044 |
| ASP0440922 | SP044xxVBNN ASP044 |
| ASP0441022 | SP044xxVBNN ASP044 |
| ASP0441222 | SP044xxVBNN ASP044 |
| ASP064 | SP064xxVGNN ASP064 |

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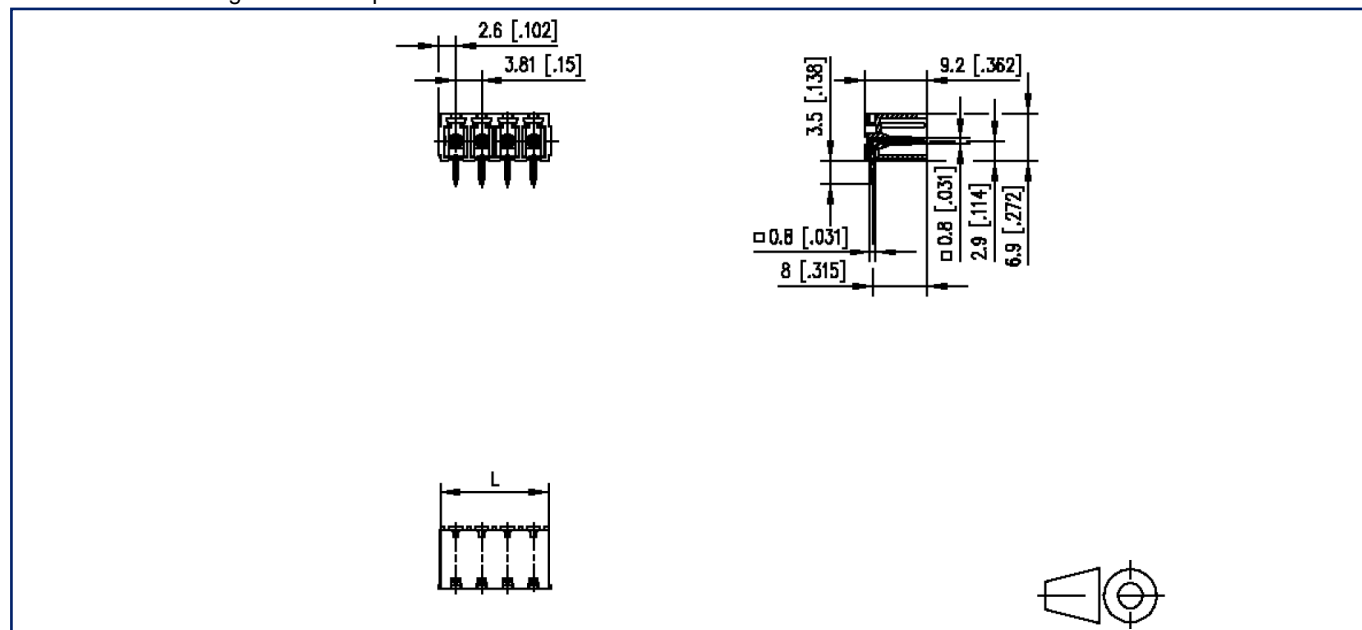
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Illustrations

Dimensional drawing as an example



$L = (\text{pole size} - 1) \times \text{centerline} + 5.2 \text{ mm} [0.205]$



Illustrations

Drill pattern as an example

