

Series 120

Technical Data

| | |
|-------------------------|--------------|
| Overall Length | 33,25 mm |
| Minimum Centre Spacing | 2,54 mm |
| Maximum Travel | 6,35 mm |
| Working Travel | 4,20 mm |
| Temperature Range from | -55°C |
| Up to | +120°C |
| Typical Resistance | 15 mΩ |
| Current Load rated/max. | 8,0 / 10,0 A |

Materials

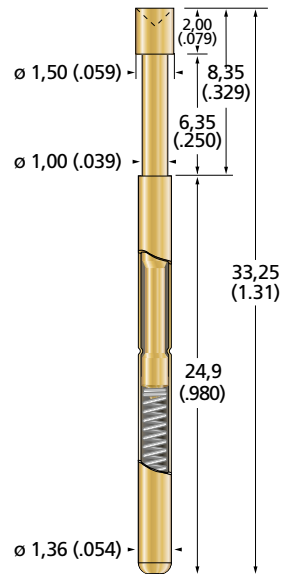
| | |
|---------|-------------------------|
| Plunger | Cu-alloy, gold plated |
| Barrel | Cu-alloy, gold plated |
| Spring | Music wire, gold plated |

Regarding the geometric dimensions this design is similar to the standard 100 series, however, made for a higher current load. As with all high-voltage and high-power contact applications, cyclic cooling intervals should be provided between the load phases.

The data on current carrying capacity should not be construed here as a constant current load, as in the usual test applications there are intervals for the loading and unloading of the test apparatus. If you are looking for a high-current contact to be inserted under continuous load, we recommend to look through this chapter in detail. There is more on the following pages!

The matching receptacles of the 100 series you find on page 34.

Series 120



Spring Force (xx)

| Preload | Rated Force | Code xx |
|---------|-------------|------------|
| 0,3 N | 1,1 N | 11 |
| 0,6 N | 1,8 N | 18 |
| 1,0 N | 2,5 N | 25 |

| | | |
|--|--------|--------------|
| | Ø 1,00 | 120.02.10.xx |
| | Ø 1,00 | 120.03.10.xx |
| | Ø 1,50 | 120.03.15.xx |
| | Ø 1,00 | 120.04.10.xx |
| | Ø 1,50 | 120.04.15.xx |
| | Ø 1,00 | 120.05.10.xx |
| | Ø 1,50 | 120.05.15.xx |
| | Ø 1,50 | 120.08.15.xx |
| | Ø 2,00 | 120.08.20.xx |
| | Ø 1,50 | 120.20.15.xx |



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HIGH CURRENT CONTACTS