

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

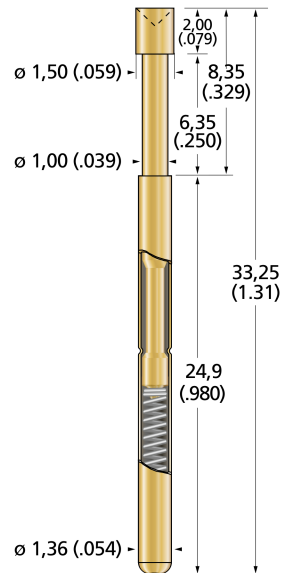
Plunger	Cu-alloy, gold plated
Barrel	Cu-alloy, gold plated
Spring	Music wire, gold plated

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
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



For **XXLonglife-Nanocoating** order as **120X**

HIGH CURRENT CONTACTS