

The Series 226 uses Receptacles of Series 26

The list is showing all head-styles which are available in the series 226. The number shown right besides every picture is the part number used for ordering. Please replace the field "xx" by the spring force value you'd like to have. The available spring options are listed below.

Example of a completed ordering number:

226.03.25.12

Available spring forces with values in Newton (N) and ozs. and the adding code for the part number:

Code	Preload (N) (oz.)	Rated Force (N) (oz.)
<u>12</u>	0.4 1.38	1.2 4.15
<u>18</u>	0.6 2.08	1.8 6.23
<u>25</u>	0.8 2.77	2.5 8.65
<u>44</u>	1.5 5.19	4.4 15.23

Further Technical Data:

Minimum centre spacing:	3.2	mm	.126	inches
Extension height:	8.4	mm	.331	inches
Overall length:	33	mm	1.299	inches
Barrel diameter:	2	mm	.079	inches
Plunger shaft diameter:	1.29	mm	.051	inches
Maximum travel:	6.35	mm	.25	inches
Recommended (rated) travel:	4.2	mm	.165	inches
Temperature range:	-55°C ... +105°C		-67°F ... +221°F	
Typical electrical resistance:	10	mΩ		
Rated electrical current load:	30	amps		
Maximum current load:	35	amps		
Typical life-time in cycles:	0.5 x 10 ⁶	cycles		

Further spring forces and head styles available on request. Please allow longer delivery for special configurations.

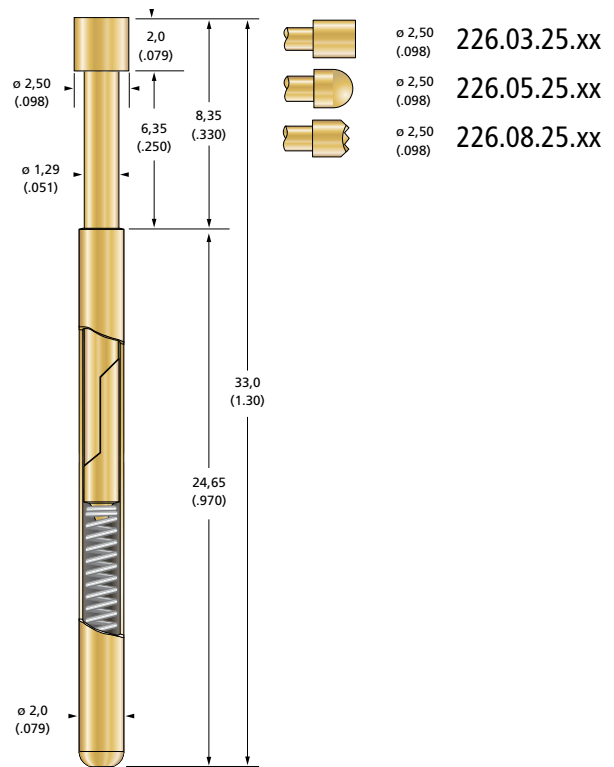
For medium current loads use series 126, for low current loads (signals, current up to 4 amps) series 26. All have the same geometrical dimensions like the series 226, but different design inside, which allows certain current loads.

Speciality: The plunger inside the barrel is split in two parts, which are shifted by the spring force. This design gives a perfect contact between plunger and barrel, which is the basis for high current load.

The range of head styles is currently limited to 3 variations. Further types available on request.

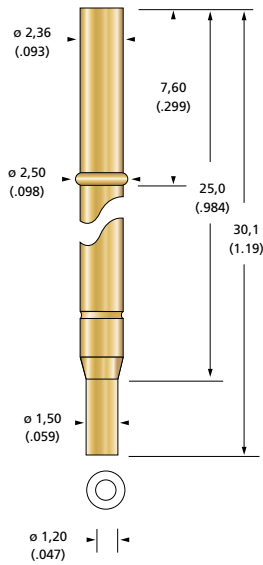
Materials:

Plunger:	Hardened CuBe, gold plated
Barrel:	Copper Alloy, gold plated
Spring:	Music Wire, silver plated

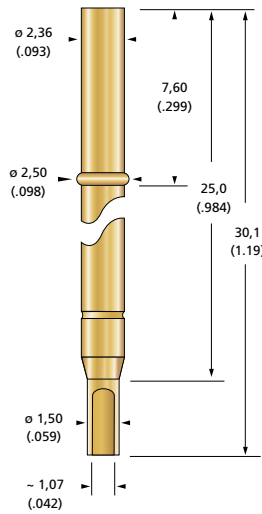


Series 26 Receptacles

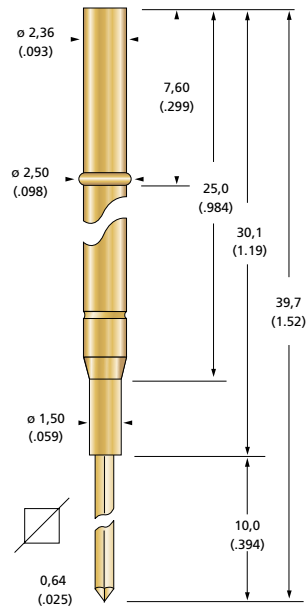
Robust Type for ≥ 126 MIL Pitch
Maximum Travel 250 MIL (6.35 mm)



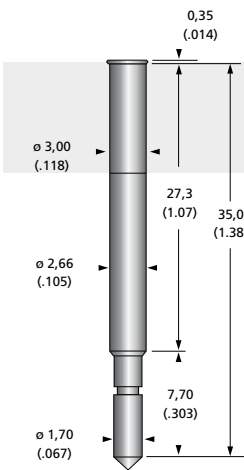
S 26.00-C
Open Crimp End



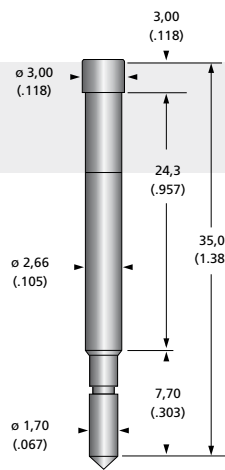
S 26.00-L
Solder Cup



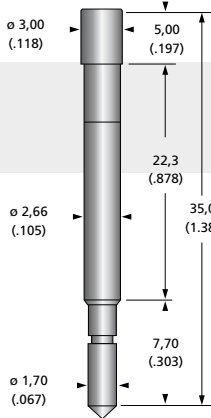
S 26.00-W
Wire-Wrap-Post



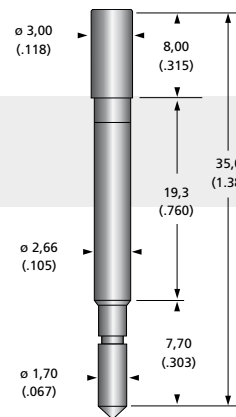
S 26.04-T
Plug Connection
(Automotive)



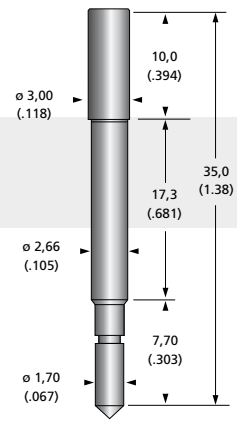
S 26.30-T
Plug Connection
(Automotive)



S 26.50-T
Plug Connection
(Automotive)



S 26.80-T
Plug Connection
(Automotive)



S 26.100-T
Plug Connection
(Automotive)

For the installation of the receptacles the mounting plate requires precise drilling. In the fixture business there are some typical base materials used for the pin plates which are different in drill bit diameters and machining parameters. The table is showing the recommended drill diameter and the order numbers needed when ordering drill bits from us. For machining parameters please consult factory.

Receptacle with Press-Ring, pressed into Plate Material			
Material	Drill- ϕ		Part No.
CEM1 (also called EP105)	.0945 in.	2.40 mm	500-0240
FR4 (G10, Hgw 2372 or Hgw 2372.1)	.0984 in.	2.50 mm	500-0250
Press-Ring or Stop Ring used as a Collar			
CEM1 (also called EP105)	.0925 in.	2.35 mm	500-0235
FR4 (G10, Hgw 2372 or Hgw 2372.1)	.0933 in.	2.37 mm	500-0237

