

Series 1050

- Stable design
- Contacting of assembled PCBs
- Universal applications

Mechanical Data

| | |
|--------------------------------|-----------------------------------|
| Center | 4.00 mm/160 mil |
| Temperature Range | -30 °C - +120 °C |
| Full Travel | 5.50 mm |
| Working Travel | 4.40 mm |
| Pre-loaded Spring Force | 0.20/ 0.20/ 0.40/ 1.00/ 1.00 N |
| Spring Force at Working Travel | 0.40/ 0.80/ 1.50/ 3.00/ 5.00 N |

Electrical Data

| | |
|-------------------------------|------------|
| Max. Current Rating | 5.0 A |
| Typical Continuity Resistance | <= 30 mOhm |

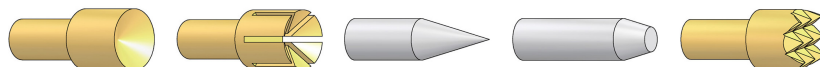
Materials

| | |
|------------|--|
| Barrel | Brass, gold-plated |
| Spring | Spring Steel, gold-plated |
| Plunger | Steel, CuBe, gold-plated |
| Receptacle | Nickel Silver, Brass, unplated, gold-plated |

Recommended Diameter of Drill

| | |
|----------------------|---------|
| HP 2361.1 (Trolitax) | 3.00 mm |
| HGW 2372 | 3.01 mm |

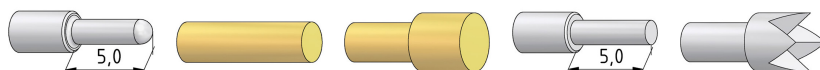
Tip style - Diameter - Plating



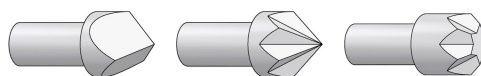
| A | A6 | B | BA1 | C |
|--|----------------------|------------|---------|--|
| 2.30 Au 2.50 Ni 3.00 Au 4.00 Au | 2.50C Au 4.00C Au | 1.80 Ni/Rh | 1.50 Ni | 2.30 Au/Ni/Rh 2.50 Au/Ni/Rh 3.00 Au/Ni/Rh 4.00 Au/Ni/Rh |



| C6 | D | D | D | D2 |
|------------|---------|---------|--------------------------|------------|
| 3.50 Au/Ni | 1.00 Rh | 1.80 Au | 2.30 Au/Ni 2.50 Au/Ni | 3.00 Au/Ni |



| D3 | F | F | F3 | G |
|--------------------|------------|---|--------------------|--|
| 0.80 Rh 1.40 Au | 1.80 Au/Ni | 2.30 Au/Rh 2.50 Rh 3.00 Au 4.00 Rh | 1.00 Rh 1.40 Au | 2.30 Rh 2.50 Ni/Rh 4.00 Au/Ni/Rh |



| H | K | KF |
|---|--------------------|--------------------|
| 2.50 Ni 2.60 Ni 3.00 Ni/Rh 4.20 Rh | 1.80 Rh 3.00 Ni | 2.60 Ni 4.00 Ni |

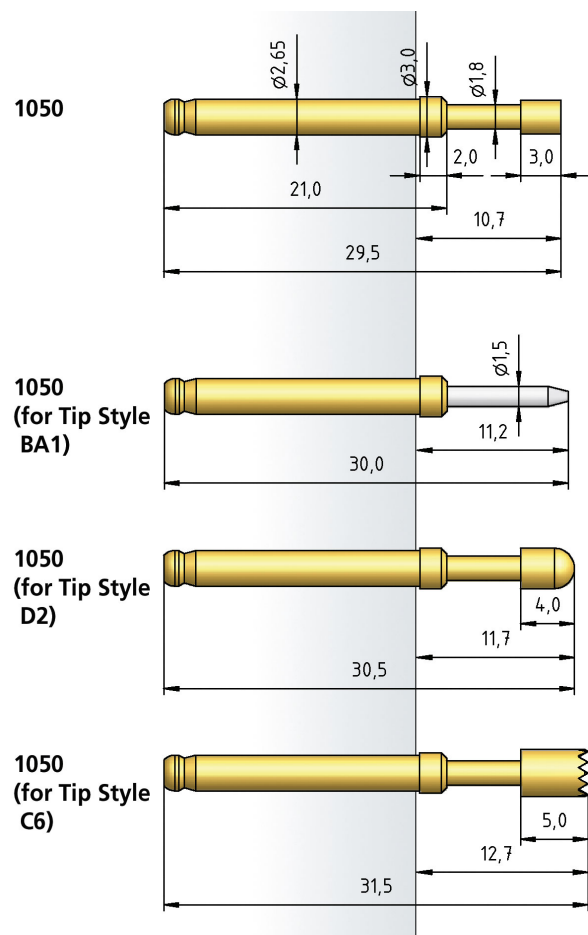
How to Order

1050 - A6 - 1.5 N - Au - 4.0 C

1 2 3 4 5 6

1. Series 2. Tip Style 3. Spring Force
4. Tip Plating 5. Tip Diameter 6. Tip Material (only for CuBe)

Series 1050



Receptacles 1050

