

F562

Up to 5 A | 100 mil | Limited space



Electrical specifications

| | |
|-------------------------|-----|
| Current [A] | 5 |
| R _{TYP} [mOhm] | <20 |

Mechanical specifications

| | | | |
|------------------------------|--------------|-----|-----|
| Temperature [°C] | -45°...+100° | | |
| Preload [cN] | 60 | 60 | 60 |
| Spring force [cN] at nt ±20% | 100 | 150 | 200 |
| Nominal travel [mm] | 2.7 | 2.7 | 2.7 |
| Maximum travel [mm] | 4.1 | 4.1 | 4.1 |

Materials and plating

| | | |
|------------|---------------|----------------------|
| Plunger | BeCu | gold plated |
| | Steel | longtime gold plated |
| Barrel | Nickel silver | gold plated |
| Spring | Spring steel | silver plated |
| Receptacle | Nickel silver | gold plated |

Accessories

| | | |
|---------|------------|---------------------------|
| 1001700 | H502LA | Receptacle |
| 1008392 | FEWZ-100EV | Insertion tool receptacle |
| 1003566 | FDWZ-100 | Insertion tool probe |

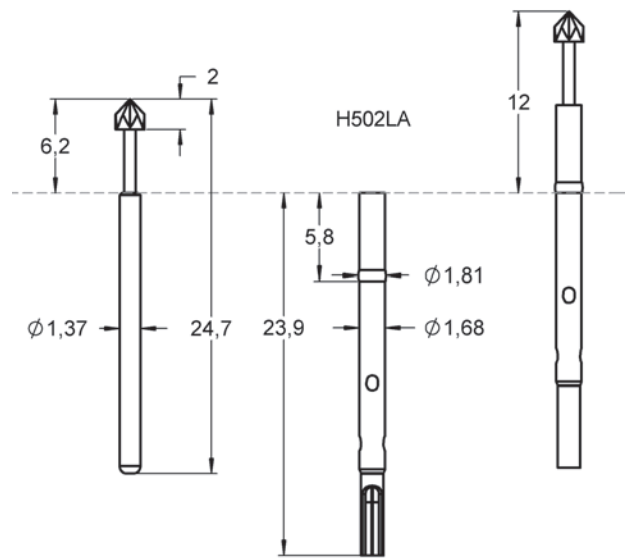
* Overview of other receptacles H502 on page 48

Drill size recommendation (mm)

| | | |
|---------|---------------------|-------------|
| H502... | press ring as stop | 1.67 - 1.69 |
| H502... | press ring inserted | 1.70 - 1.75 |
















Series drawing

All measurements are in mm.



| Order code | Product name | Tip Style | Tip Ø [mm] | Material/Plating | Force [cN] | Thread [M] | Version | FM Choice |
|------------|----------------|-----------|------------|------------------|------------|------------|---------|-----------|
| 1016098 | F56205S190L100 | 05 | 1.90 | S / L | 100 | - | - | - |
| 1001346 | F56205S190L150 | 05 | 1.90 | S / L | 150 | - | - | - |
| 1001347 | F56205S190L200 | 05 | 1.90 | S / L | 200 | - | - | - |

BASIC PROBES 100 MIL

| Order code | Product name | Tip Style | Tip Ø [mm] | Material/Plating | Force [cN] | Thread [M] | Version | FM Choice |
|------------|----------------|--|------------|------------------|------------|------------|---------|-----------|
| 1003070 | F56204B190G150 | 04  | 1.90 | B / G | 150 | - | - | - |
| 1001348 | F56206B190G100 | 06  | 1.90 | B / G | 100 | - | - | - |
| 1001317 | F56206B190G150 | 06  | 1.90 | B / G | 150 | - | - | - |
| 1001318 | F56206B190G200 | 06  | 1.90 | B / G | 200 | - | - | - |
| 1001319 | F56207S190L150 | 07  | 1.90 | S / L | 150 | - | - | - |
| 1016099 | F56212B190G100 | 12  | 1.90 | B / G | 100 | - | - | - |
| 1001320 | F56214S190L150 | 14  | 1.90 | S / L | 150 | - | - | - |
| 1001321 | F56214S190L200 | 14  | 1.90 | S / L | 200 | - | - | - |
| 1001322 | F56215B190G100 | 15  | 1.90 | B / G | 100 | - | - | - |
| 1001323 | F56215B190G150 | 15  | 1.90 | B / G | 150 | - | - | - |
| 1001324 | F56215B190G200 | 15  | 1.90 | B / G | 200 | - | - | - |
| 1019610 | F56218B076G100 | 18  | 0.76 | B / G | 100 | - | - | - |
| 1001325 | F56218B076G150 | 18  | 0.76 | B / G | 150 | - | - | - |
| 1001326 | F56218B076G200 | 18  | 0.76 | B / G | 200 | - | - | - |
| 1001327 | F56221S076L150 | 21  | 0.76 | S / L | 150 | - | - | - |