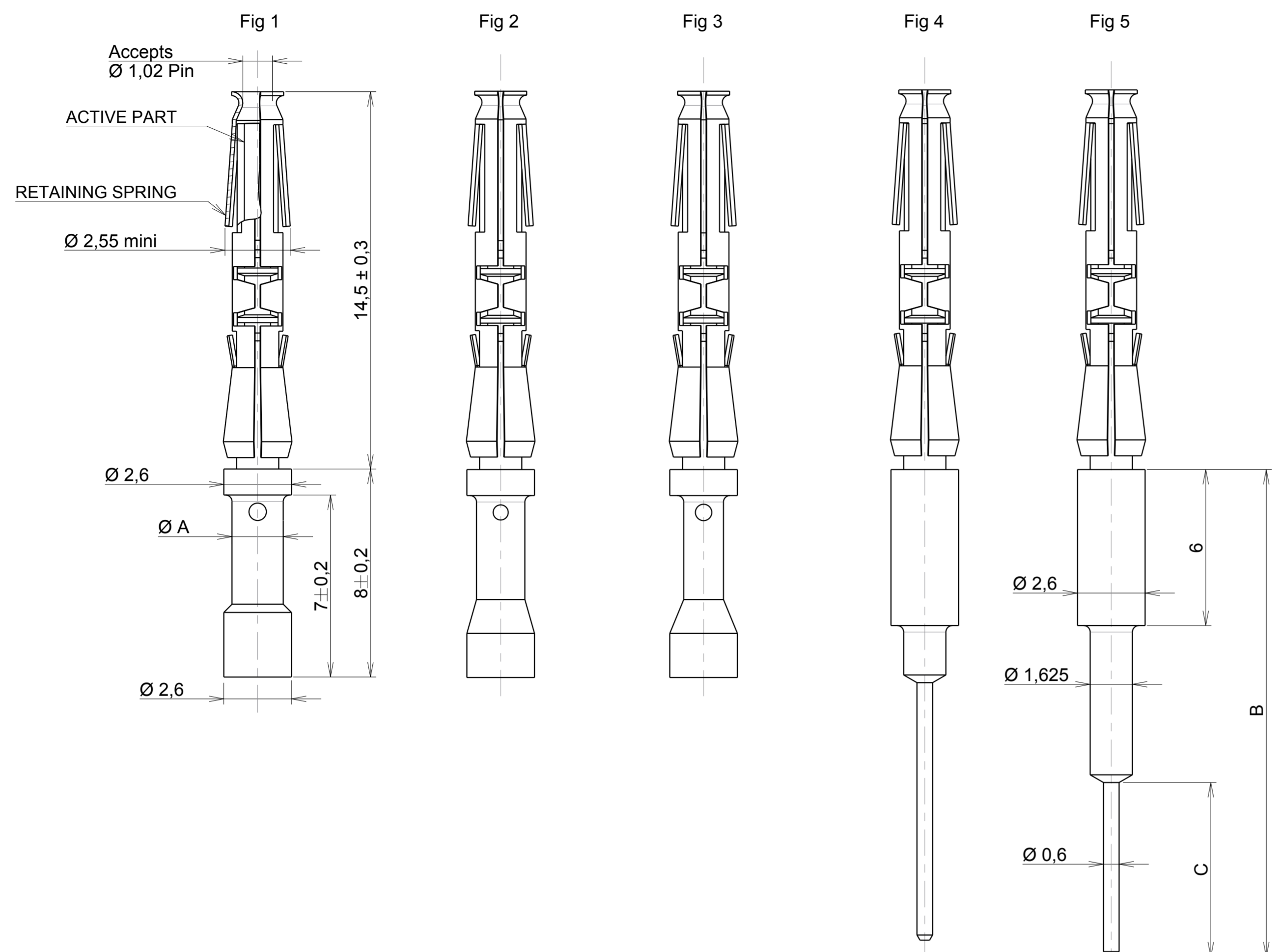


B.2: Valide



**Notes :**

- Machined contact
- Extraction tool : RX20D44

**Material :**

- Contact body:high conductive copper alloy
- :plating : 0.4 micron gold over nickel on active part
- Retaining spring:stainless steel

**Performance Characteristics :**

- Contact retention in the body:50N max
- Contact insertion force:5N max
- Contact separation force:0.30N min
- Current rating:7.5 Amps
- Contact resistance:6mΩ max
- Dielectric withstanding voltage:1500 Vrms min
- For RCXXW3K : Wire strip lenght : 4,8 mm

| Part Number | Fig. | Insulation Diameter (mm) | WIRE SIZE |                 | Ø A    | HAND CRIMP TOOLING |         |          | B     | C    |
|-------------|------|--------------------------|-----------|-----------------|--------|--------------------|---------|----------|-------|------|
|             |      |                          | AWG       | MM <sup>2</sup> |        | SHANDLES           | MH860   |          |       |      |
|             |      |                          |           |                 |        | Tool Head          | Locator | Selector |       |      |
| RC18W3K     | 1    | Ø 1,20 - 2,10            | 20 -18    | 0,50 - 0,82     | Ø 1,97 | S20RCM             | MH86301 | 6 / 8    | /     | /    |
| RC20W3K     | 2    | Ø 1,20 - 1,60            | 22 - 20   | 0,32 - 0,50     | Ø 1,86 |                    |         | 5 / 7    | /     | /    |
| RC24W3K     | 3    | Ø 0,90 - 1,60            | 26 - 24   | 0,12 - 0,25     | Ø 1,53 |                    |         | 5 / 6    | /     | /    |
| RCW50A7K    | 4    | /                        | /         | /               | /      | /                  | /       | /        | 18,1  | 9,90 |
| RCW5016K    | 5    | /                        | /         | /               | /      | /                  | /       | /        | 18,74 | 6,70 |

P/N : SEE TABLE

|              |            |  |                       |
|--------------|------------|--|-----------------------|
| B            | 18/07/2018 | Correct mistakes : separation force: 2N replace by 0.30N min   | 25144                 |
| ISS          | DATE       | Latest modification - by:  | ROUILLARD Ch MOD N°   |
| Designed by: |            | CHARLOT MA Date:   14/09/12  | CUSTOMER DRAWING      |
| TITLE        |            | SPILL AND CRIMP SOCKET CONTACT AWG 20<br>CONNECTOR UTOW  |                       |
| Scale        |            | Dimensions in mm<br>General linear<br>Tolerances:<br>± --  | NPRDS / PROJECT<br>RC |
| 7/1          |            | This document is the property of SOURIAU<br>It must not be reproduced or communicated without permission |                       |
|              |            | www.esterline-connection-technologies.com  |                       |

|         |                             |
|---------|-----------------------------|
| Country | Jurisdiction & Control List |
| FR      | NOT LISTED                  |

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|        |                |       |
|--------|----------------|-------|
| FORMAT | SOURIAU DRG N° | SHEET |
| A2     | RCXWXC-C       | 1 / 1 |