

**CONNECTOR PRO SERIES 106 FEMALE**

| Contacts number<br>nn | Length in mm |    |
|-----------------------|--------------|----|
|                       | A            | B  |
| 02                    | 2            | 7  |
| 03                    | 4            | 9  |
| 04                    | 6            | 11 |
| 05                    | 8            | 13 |
| 06                    | 10           | 15 |
| 07                    | 12           | 17 |
| 08                    | 14           | 19 |
| 09                    | 16           | 21 |
| 10                    | 18           | 23 |
| 11                    | 20           | 25 |
| 12                    | 22           | 27 |
| 13                    | 24           | 29 |
| 14                    | 26           | 31 |
| 15                    | 28           | 33 |
| 16                    | 30           | 35 |
| 17                    | 32           | 37 |
| 18                    | 34           | 39 |
| 19                    | 36           | 41 |
| 20                    | 38           | 43 |
| 21                    | 40           | 45 |
| 22                    | 42           | 47 |
| 23                    | 44           | 49 |
| 24                    | 46           | 51 |
| 25                    | 48           | 53 |



This type of connector does not match with a latched male connector

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**TECHNICAL FEATURES**

**MATERIALS**

INSULATOR : Glass filled thermoplastic UL 94-V0

SIGNAL CONTACTS for PCB:  
 Female : Beryllium copper / 0.3µ gold on clip  
 Brass / 3µ to 5µ 100% tin plated on shell over Ni under plate

**ELECTRICAL**

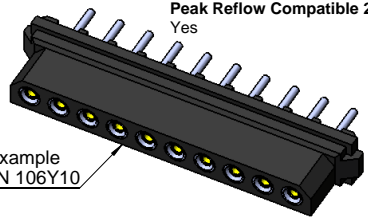
- All contacts: 3 A max. @ 25°C, 2.2 A max. @ 85°C
- Working / Rated voltage (sea level): 300V AC/DC
- Proof / Withstanding voltage: 400V AC/DC
- Contact resistance (initial): max. 20 mΩ
- Contact resistance (after conditioning): max. 25 mΩ
- Insulation resistance (initial): 1000 MΩ min

**MECHANICAL**

- Mechanical operations: 500 cycles.
- Contact insertion and withdrawal force: 2N max. / 0.2 N min.
- Contact retention in insulator: 10N min.

**ENVIRONMENTAL**

- Temperature range: From -55°C to +125°C, Peak Reflow Compatible 260°C, Yes
- RoHS: Yes



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|   |          |       |         |          |
|---|----------|-------|---------|----------|
| a   | 16/05/08 | H.T.  |         | D.Z.     |
| Ind   | Date     | Drawn | Checked | Approved |
| <b>Désignation : Connector CMM100 Pro series Female straight on PCB</b> |          |       |         |          |
| Echelle/Scale   |          | 3:1   |         |          |

|                                      |        |   |             |
|--------------------------------------|--------|---|-------------|
| 106Ynn-cl                            |        |   |             |
| Réf. catalogue / Catalogue Reference | 106Ynn | Tolérance générale / General tolerance ±0.2 | Page 1/1 A4 |