

CONNECTOR PRO SERIES 106 FEMALE

Contacts number 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

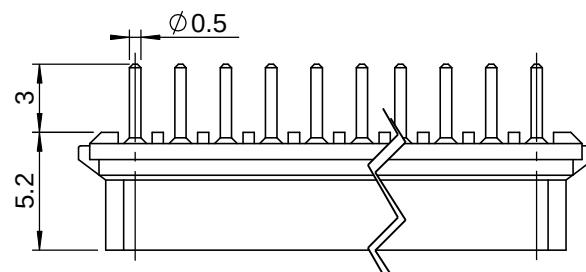
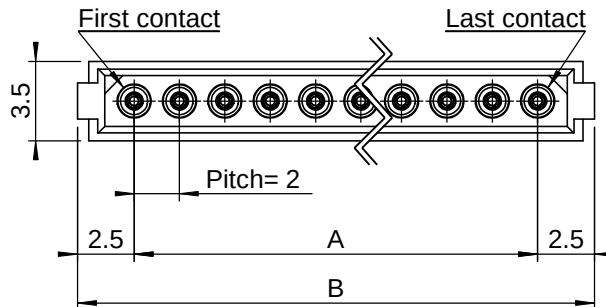
1 0 6 Y n n

Contacts number

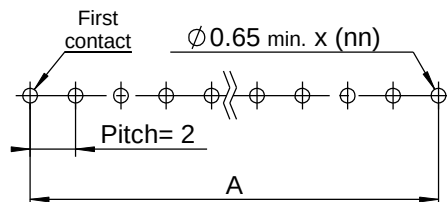
This type of connector does not match with a latched male connector

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PCB LAYOUT



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

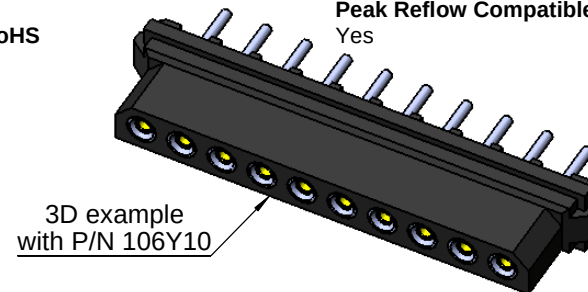
- All contacts: 3 A max. @ 25°C
2.2 A max. @ 85°C
- Working / Rated voltage (sea level): 300V AC/DC
- Proof / Withstanding voltage: 400V AC/DC
- Contact resistance (initial): max. 20 mΩ
- Contact resistance (after conditioning): max. 25 mΩ
- Insulation resistance (initial): 1000 MΩ min

MECHANICAL

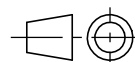
- Mechanical operations: 500 cycles.
- Contact insertion and withdrawal force: 2N max. / 0.2 N min.
- Contact retention in insulator: 10N min.

ENVIRONMENTAL

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



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Echelle/Scale

3:1

a	16/05/08	H.T.		D.Z.
Ind	Date	Drawn	Checked	Approved

Désignation : Connector CMM100 Pro series
Female straight on PCB

106Ynn-cl

Réf. catalogue /
Catalogue Reference 106Ynn

Tolérance générale /
General tolerance ±0.2

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