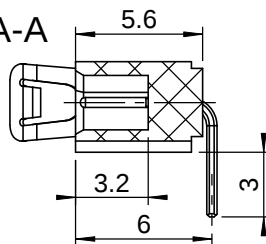


CUT A-A



CONNECTOR PRO SERIES 105 MALE

Contacts number nn	Length without latches in mm	
	A	C
02	2	7.4
03	4	9.4
04	6	11.4
05	8	13.4
06	10	15.4
07	12	17.4
08	14	19.4
09	16	21.4
10	18	23.4
11	20	25.4
12	22	27.4
13	24	29.4
14	26	31.4
15	28	33.4
16	30	35.4
17	32	37.4
18	34	39.4
19	36	41.4
20	38	43.4
21	40	45.4
22	42	47.4
23	44	49.4
24	46	51.4
25	48	53.4

Latch separation tool

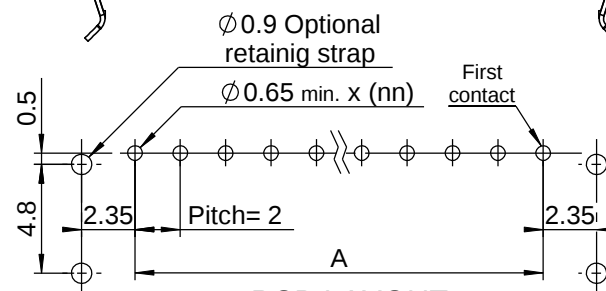
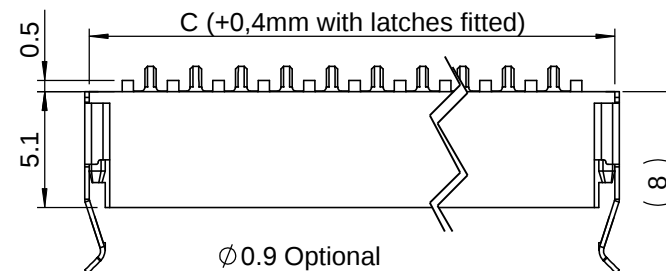
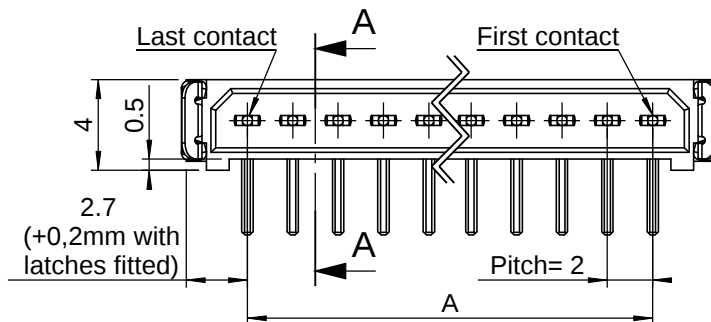
P/N C14790

Strain relief straps

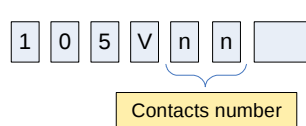
P/N 13218

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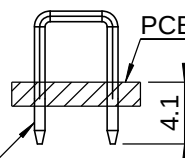


PCB LAYOUT



« L » = latch with locking
« » = without latch

Optional retaining straps
Please order under P/N 13218



TECHNICAL FEATURES

MATERIALS

INSULATOR : Glass filled thermoplastic UL 94-V0

SIGNAL CONTACTS for PCB:

Male : Brass / 0.75μ gold on contact area
3μ to 5μ 100% tin on tails
over Ni under plate

FIXING HARDWARE :

- Latch : Beryllium copper / 2μ nickel plated

ELECTRICAL

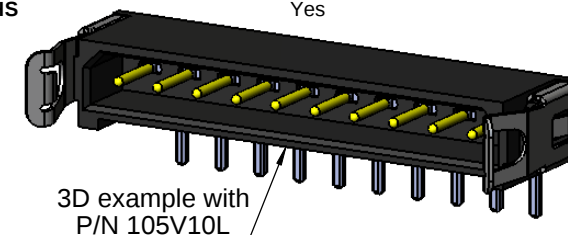
- All contacts: 3 A max. @ 25°C
2.2 A max. @ 85°C
- Working / Rated voltage (sea level): 300V AC/DC
- Proof / Withstanding voltage: 400V AC/DC
- Contact resistance (initial): max. 20 mΩ
- Contact resistance (after conditioning): max. 25 mΩ
- Insulation resistance (initial): 1000 MΩ min

MECHANICAL

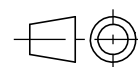
- Mechanical operations: 500 cycles.
- Contact insertion and withdrawal force: 2N max. / 0.2 N min.
- Contact retention in insulator: 10N min.

ENVIRONMENTAL

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



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Web : www.nicomatic.com



Echelle/Scale

3:1

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

Désignation : Connector CMM100 Pro series
Male 90° on PCB

105Vnn(L)-cl

Réf. catalogue /
Catalogue Reference 105Vnn(L)

Tolérance générale /
General tolerance ±0.2

Page
1/1

A4