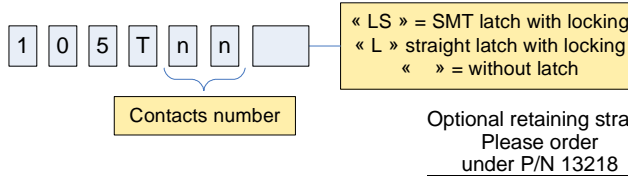
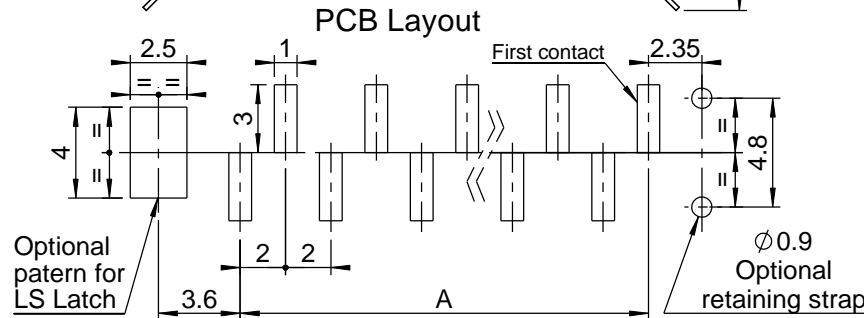
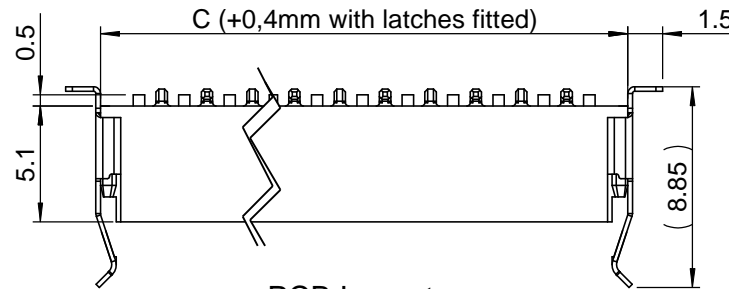
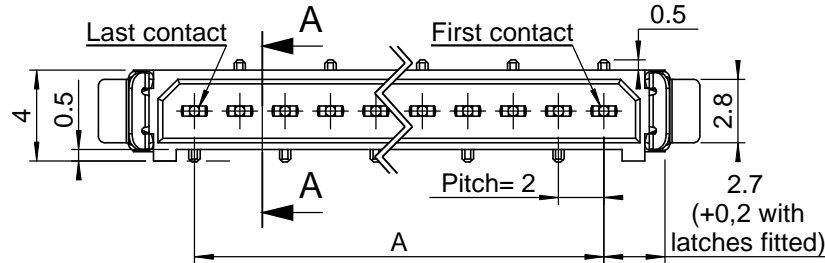
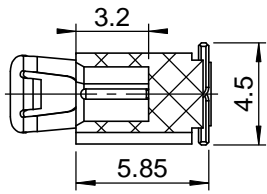


CUT A-A



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

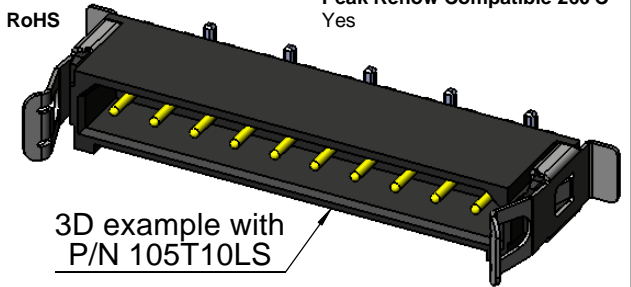
- All contacts: 3 A max. @ 25°C, 2.2 A max. @ 85°C
- Working / Rated voltage (sea level): 300V AC/DC
- Proof / Withstanding voltage: 400V AC/DC
- Contact resistance (initial): max. 20 mΩ
- Contact resistance (after conditioning): max. 25 mΩ
- Insulation resistance (initial): 1000 MΩ min

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
- RoHS: Peak Reflow Compatible 260°C Yes



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

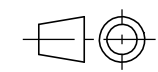
Latch separation tool	P/N C14790
Strain relief straps	P/N 13218

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173, rue des fougères
Z.I. Les Bracots
F-74890 Bons-en-Chablais
Tel. : +33 (0)4.50.36.13.85
Fax : +33 (0)4.50.36.11.33
Web : www.nicomatic.com



Echelle/Scale
3:1

a	23/05/08	H.T.		D.Z.
Ind	Date	Drawn	Checked	Approved

Désignation : Connector CMM100 Pro series Male straight SMT

105Tnn(LS)	Réf. catalogue / Catalogue Reference	105Tnn(LS)	Tolérance générale / General tolerance	±0.2	Page 1/1	A4
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