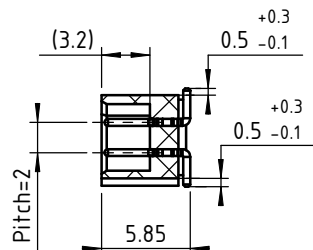


CUT A-A



L : Latches fitted
Leave blank : no latches
The strain relief straps are only supplied with the connectors fitted with latches. They are not delivered mount on the connector.

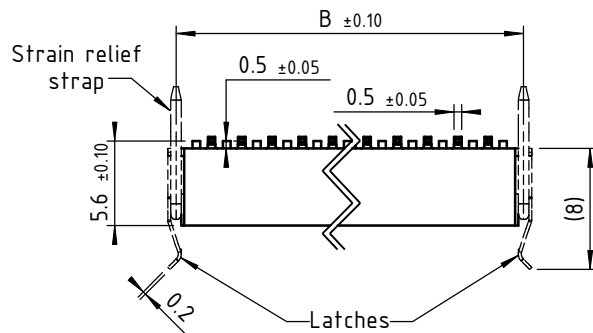
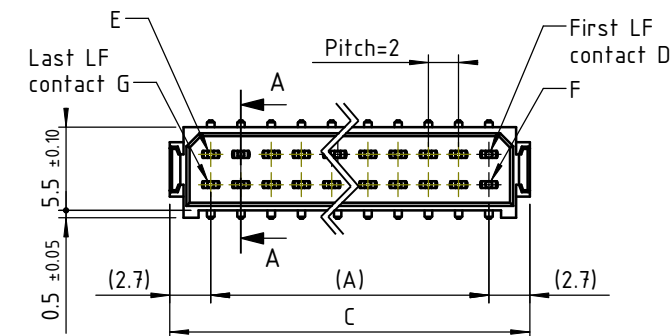
CONNECTOR SERIE 200 MALE

LF contact number nn	Length without Latches in mm			Signal contacts reference mark number			
	A	B	C	D	E	F	G
04	2	6.7	7.4	1	2	3	4
06	4	8.7	9.4	1	3	4	6
08	6	10.7	11.4	1	4	5	8
10	8	12.7	13.4	1	5	6	10
12	10	14.7	15.4	1	6	7	12
14	12	16.7	17.4	1	7	8	14
16	14	18.7	19.4	1	8	9	16
18	16	20.7	21.4	1	9	10	18
20	18	22.7	23.4	1	10	11	20
22	20	24.7	25.4	1	11	12	22
24	22	26.7	27.4	1	12	13	24
26	24	28.7	29.4	1	13	14	26
28	26	30.7	31.4	1	14	15	28
30	28	32.7	33.4	1	15	16	30
32	30	34.7	35.4	1	16	17	32
34	32	36.7	37.4	1	17	18	34
36	34	38.7	39.4	1	18	19	36
38	36	40.7	41.4	1	19	20	38
40	38	42.7	43.4	1	20	21	40
42	40	44.7	45.4	1	21	22	42
44	42	46.7	47.4	1	22	23	44
46	44	48.7	49.4	1	23	24	46
48	46	50.7	51.4	1	24	25	48
50	48	52.7	53.4	1	25	26	50

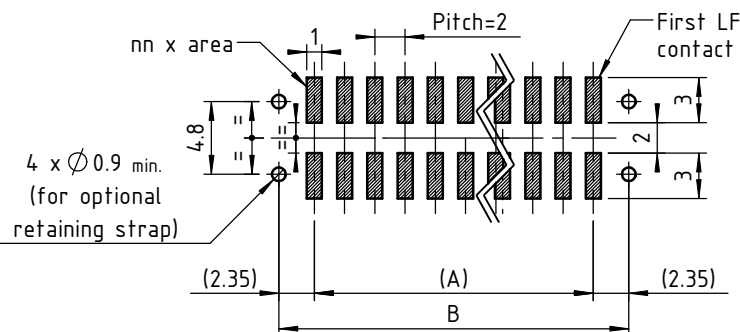
Tools recommended

Latch Separation tool P/N C14790

Catalogue Reference : 201Tnn(L)



Recommended PCB layout



TECHNICALS FEATURES

MATERIAL

INSULATOR : Special PPS (Polyphenylene Sulfide Fiberglass filled thermoplastic) UL 94-V0

- Radiation resistance
- No humidity absorption
- Oxygen free

Note : PPS characteristics are recognized for space applications

SIGNAL CONTACTS for PCB:

Male :

- Contact area : Copper alloy / Ni + Au 1μ
- Contact tail : Copper alloy / Ni + Au flash 0.1μ

FIXING HARDWARE :

- Latch (optional) : Beryllium alloy / Ni 3μ

ELECTRICAL for LF Contacts

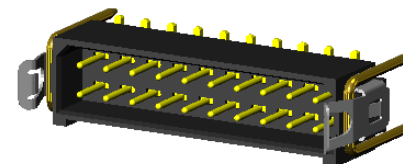
- All contacts : 3 A max. @ 25°C
2.2 A max. @ 85°C
- Working voltage (sea level) : Tested at 800 V DC
- Proof voltage : Tested at 1200 V DC
- Contact resistance (initially) : max. 10 mΩ
- Insulation resistance : 1000 MΩ min

MECHANICAL for LF Contacts

- Mechanical operations : 500 cycles min. up to 2500.
- Contact insertion and withdrawal force : 2 N max. / 0.2 N min.

ENVIRONMENTAL

- Temperature range : From -60°C to +260°C
- Vibration severity : 0.75mm, 10 g RMS 6 hours long random with superimposed sinusoid. No intermittencies measured when using an H.S.L.I. (High Speed Logic Interrupt) detector with a trip threshold of 2 ns.
100g for 6 ms
HcFc 141 bMGX (ATOCHEM) solvent
96 hrs
56 days @ 90% humidity
- Shock severity
- Solvent resistance
- Salt spray test
- Humidity test



Marking as referenced in the CMM catalogue pages 12 & 13



www.nicomatic.com

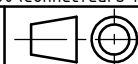
Mail : nicomatic@nicomatic.fr

Tel : +33 (0)4.50.36.13.85

2	15/11/10	N.P.	A.V.	E.M.
Iss	Date	Drawn	Checked	Approved

Item : Connector CMM200 male straight SMT, nn LF contacts, optional latch L

This document and drawings, sketches, and schematic drawings are the property of the NICOMATIC company, and no parts thereof may be reproduced and used without the written consent of the owner. Law dated 11.03.1902



General tolerance ±0.2

Scale 2:1

Page 1/1