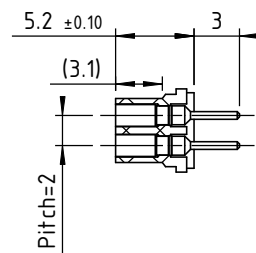


D

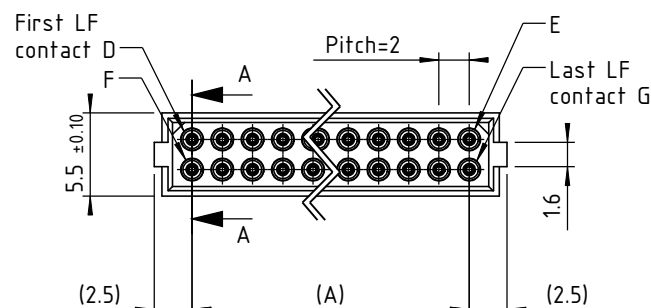
C

B

A



CUT A-A



TECHNICALS FEATURES

MATERIAL

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

- Radiation resistance
- No humidity absorption
- Oxygen free

Note : PPS characteristics are recognized for space applications

SIGNAL CONTACTS for PCB:

Female :

- **Body** : Copper alloy / Ni + Au 0.2μ
- **Socket body** : Beryllium alloy / Ni + Au 1.25μ

ELECTRICAL for LF Contacts

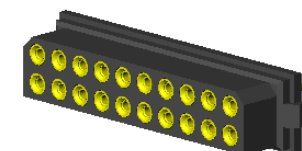
- **All contacts** : 3 A max. @ 25°C
- **Working voltage (sea level)** : 2.2 A max. @ 85°C
- **Proof voltage** : Tested at 800 V DC
- **Contact resistance (initially)** : Tested at 1200 V DC
- **Insulation resistance** : max. 10 mΩ
- : 1000 MΩ min

MECHANICAL for LF Contacts

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

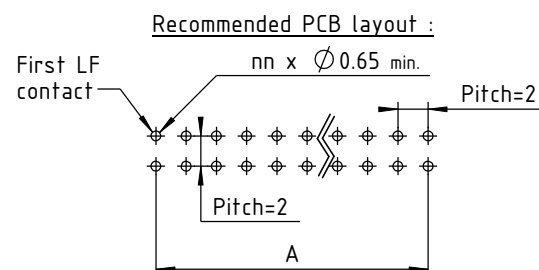
ENVIRONMENTAL

- **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.
- **Shock severity** : 100g for 6 ms
- **Solvent resistance** : HcFc 141 bMGX (ATOCHEM) solvent
- **Salt spray test** : 96 hrs
- **Humidity test** : 56 days @ 90% humidity

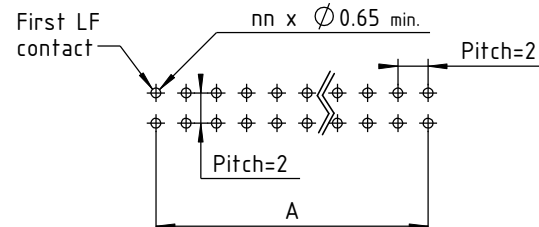


Marking as referenced in the CMM catalogue pages 12 & 13

 www.nicomatic.com Mail : nicomatic@nicomatic.fr Tel : +33 (0)4.50.36.13.85	2	27/11/08	H.L.	E.M.	D.Z.
	Iss	Date	Drawn	Checked	Approved
Item : Connector CMM200 female straight on PCB, nn pts					
Folder : X:\Méthodes\Plans clients\Plans clients 2D\08 - CMM200\Connecteurs femelles\202Y\202Ynn cl					



Recommended PCB layout :

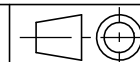


CONNECTOR SERIE 200 FEMALE

LF contact number nn	Length in mm		Signal contacts reference mark number			
	A	C	D	E	F	G
04	2	7	1	2	3	4
06	4	9	1	3	4	6
08	6	11	1	4	5	8
10	8	13	1	5	6	10
12	10	15	1	6	7	12
14	12	17	1	7	8	14
16	14	19	1	8	9	16
18	16	21	1	9	10	18
20	18	23	1	10	11	20
22	20	25	1	11	12	22
24	22	27	1	12	13	24
26	24	29	1	13	14	26
28	26	31	1	14	15	28
30	28	33	1	15	16	30
32	30	35	1	16	17	32
34	32	37	1	17	18	34
36	34	39	1	18	19	36
38	36	41	1	19	20	38
40	38	43	1	20	21	40
42	40	45	1	21	22	42
44	42	47	1	22	23	44
46	44	49	1	23	24	46
48	46	51	1	24	25	48
50	48	53	1	25	26	50

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

Catalogue Reference : 202Ynn



General tolerance ±0.2

Scale 2:1

Page 1/1

D

A4