

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

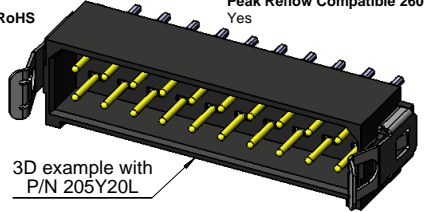
- All contacts: 3 A max. @ 25°C
2.2 A max. @ 85°C
- Working / Rated voltage (sea level): 300V AC/DC
- Proof / Withstanding voltage: 400V AC/DC
- Contact resistance (initial): max. 20 mΩ
- Contact resistance (after conditioning): max. 25 mΩ
- Insulation resistance (initial): 1000 MΩ min

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 Yes
- RoHS: Yes



3D example with P/N 205Y20L

CONNECTOR PRO SERIES 205 MALE						
Contacts number nn	Length without Latches in mm		Contacts reference mark number			
	A	C	D	E	F	G
04	2	7.4	1	2	3	4
06	4	9.4	1	3	4	6
08	6	11.4	1	4	5	8
10	8	13.4	1	5	6	10
12	10	15.4	1	6	7	12
14	12	17.4	1	7	8	14
16	14	19.4	1	8	9	16
18	16	21.4	1	9	10	18
20	18	23.4	1	10	11	20
22	20	25.4	1	11	12	22
24	22	27.4	1	12	13	24
26	24	29.4	1	13	14	26
28	26	31.4	1	14	15	28
30	28	33.4	1	15	16	30
32	30	35.4	1	16	17	32
34	32	37.4	1	17	18	34
36	34	39.4	1	18	19	36
38	36	41.4	1	19	20	38
40	38	43.4	1	20	21	40
42	40	45.4	1	21	22	42
44	42	47.4	1	22	23	44
46	44	49.4	1	23	24	46
48	46	51.4	1	24	25	48
50	48	53.4	1	25	26	50

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

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NICOMATIC

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

Echelle/Scale
3:1

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

Désignation : **Connector CMM200 Pro series Male straight on PCB**

205Ynn(L)_cl	Réf. catalogue / Catalogue Reference	205Ynn(L)	Tolérance générale / General tolerance ±0.2	Page 1/1	A4
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