



Dimensions are in millimeters

Shell size	Number of contacts	A <sup>+0.76</sup> <sub>0</sub>	B <sup>+0.25</sup> <sub>0</sub>	C ±0.12	F <sup>+0.51</sup> <sub>0</sub>	G	H <sup>+0.51</sup> <sub>0</sub>	L <sup>+0.22</sup> <sub>0</sub>	J <sup>+0.51</sup> <sub>0</sub>
E	09	30.43	16.79	24.99	10.47	5.90 <sup>+0.15</sup> <sub>0</sub>	19.02	0.80	10.46
A	15	38.76	25.12	33.32	10.47	5.90 <sup>+0.15</sup> <sub>0</sub>	27.25	0.80	10.46
B	25	52.65	38.84	47.04	10.56	5.70 <sup>+0.25</sup> <sub>0</sub>	41.02	0.80	10.46
C	37	68.94	55.30	63.50	10.56	5.70 <sup>+0.25</sup> <sub>0</sub>	57.45	1.00	10.46

**ELECTRICAL DATA**

- Current at AMB. 5A
- I max 7.5A
- Contact resistance ≤7.3ma
- Insulation resistance >5000Ma
- TEST VOLTAGE
- contact/contact ≥1000V
- contact/ground ≥1200V

**MECHANICAL DATA**

- Contact force ≥0.20N
- Retention force ≥20N
- Insertion force according to DIN41652 Part 2
- Withdrawal force according to DIN41652 Part 2
- Mechanical endurance >500
- Material shell steel, cadmium plated
- Material insulator glass filled thermoplastic UL94V0
- Material contacts Pin:brass
- Finish on contact area gold over nickel
- Finish on termination end bright tin-lead over nickel
- Solderability according to DIN 41640 Part 70, test 12a
- Shock according to DIN41640 Part 14, test 6c, 50g
- Vibration according to DIN41640 Part 15, test 6d, 20g 10 to 2000Hz: discontinuity <1μs

**ENVIRONMENTAL DATA**

- Climatic category -55/+150/56
- Corrosion salt spray: 48h

Part number		<b>D*M**P300N</b>	
b	18/07/02	Replace drawing C-8639-407 by C01-8639-0407.	--
ISS	DATE	Latest modification by : JOUBERT	MOD N°
Designed by: JOUBERT date: 11/03/91		Type of drawing: CUSTOMER	
TITLE : PIN CONNECTORS D SUB.MARK I			SHEET 1/1
SCALE: 1.5			
		FRAMATOME CONNECTORS FRANCE Rue Louis Breguet - BP 05 72024 LE MANS Cedex Tel. 33 (16) 43.84.08.43	This document is the property of FRAMATOME CONNECTORS FRANCE. It must not be reproduced or communicated without permission in writing from the owners.
FORMAT	A3	SOURIAU DRG N°	PROJECT
		<b>C01-8639-0407</b>	D89D018