



**NOTES**

**ELECTRICAL DATA**

- I max 7.5A
- Contact resistance < 7.3 ma
- Insulation resistance > 5000 Ma
- TEST VOLTAGE
- contact/contact > 1000V
- contact/ground > 1200V

**MECHANICAL DATA**

- Contact force > 0.14N
- Retention force > 40N
- Insertion force according to DIN41652 Part 2
- Withdrawal force according to DIN41652 Part 2
- Mechanical endurance : 500 matings / unmatings
- Material shell steel , bright cadminm -Lead
- Material insulator glass filled thermoplastic UL94V0
- Material contacts pin:brass
- Finish on contact area See table
- 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° / +125° / 56j
- Corrosion salt spray: 48h

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>	K max1	L <sup>+0.22</sup> / <sub>0</sub>	PART NUMBER
E	09	30.43	16.79	24.99	10.47	5.90 <sup>+0.15</sup> / <sub>0</sub>	19.02	1.50	0.80	DEM09P400
A	15	38.76	25.12	33.32	10.47	5.90 <sup>+0.15</sup> / <sub>0</sub>	27.25	1.50	0.80	DAM15P400
B	25	52.65	38.84	47.04	10.43	5.70 <sup>+0.25</sup> / <sub>0</sub>	41.02	1.50	0.80	DBM25P400
C	37	68.94	55.30	63.50	10.56	5.70 <sup>+0.25</sup> / <sub>0</sub>	57.45	1.50	1.00	DCM37P400
										0.4µ Au

a	04/04/02	creation of drawing	--
ISS	DATE	Latest modification by : JARRY	MOD N°
Designed by: JARRY		date 04/04/02	Type of drawing: CLIENT
TITLE : PIN CONNECTORS D SUBMINIATURE WITH WIRE WRAP			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° C01-8639-1959		PROJECT M94D001