

ELECTRICAL DATA

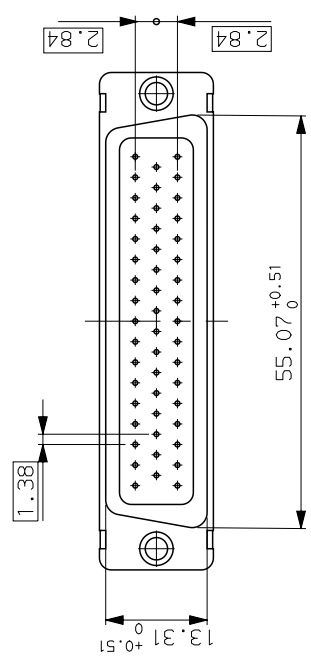
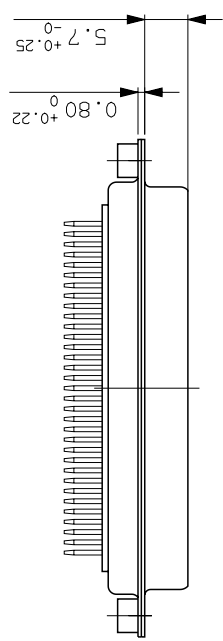
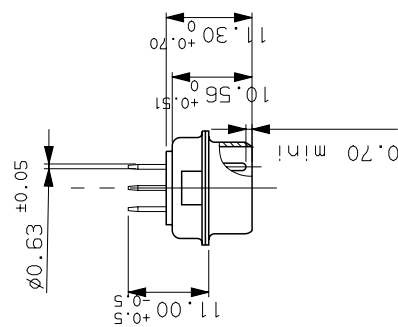
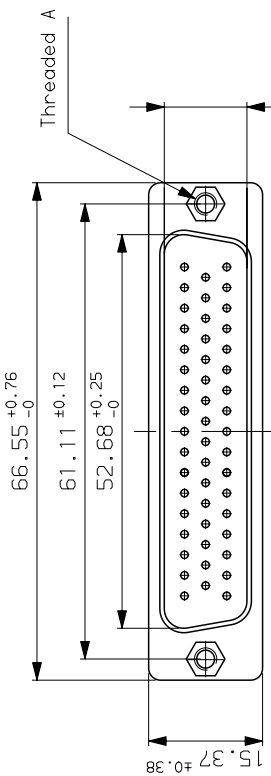
- I max 7.5A
- Contact resistance $\leq 7.3\text{m}\Omega$
- Insulation resistance >5000M Ω
- TEST VOLTAGE contact/contact >1000V
- contact/ground >1200V

MECHANICAL DATA

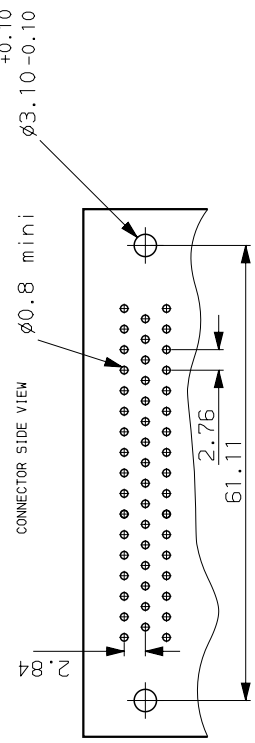
- Contact force >0.14N
- Retention force >40N
- Insertion force according to DIN41652 Part 2
- Withdrawal force according to DIN41652 Part 2
- Mechanical endurance :500 matings / unmatings
- Material shell steel, cadmium
- Material insulator glass filled thermoplastic UL94V0
- Material contacts pin:brass;
- Finish on contact area 0.4 μ 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$1\mu\text{s}$

ENVIRONMENTAL DATA

- Climatic category -55° / +125° /56
- Corrosion salt spray:48h



LAYOUT DIMENSIONS (after plating)



DDM050P300	UNC 4.40
DDML50P300	M3
PART NUMBER	Threaded A

Creation of drawing	23/12/03	JARRY	---	MOD N°	---
Latest modification by:	JARRY	date:23/12/03	Type of drawing:	CUSTOMER	SHEET 1/1
TITLE : PIN CONNECTORS SUB D WITH STRAIGHT SPILLS.					
SCALE:	1.5	FRAMATOME CONNECTORS FRANCE Rue Louis Bréguet - Bp 05 72024 LE MANS Cedex Tel. 33 (16) 43.84.08.43			
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FORMAT	A3	SOURIAU DRG N°	PROJECT M94D001		
C01-8637-1638					