



ELECTRICAL DATA

- Current at AMB. 5A
- I max 7.5A
- Contact resistance $\leq 10\text{m}\Omega$
- Insulation resistance $\geq 5000\text{M}\Omega$
- TEST VOLTAGE
- contact/contact $\geq 1000\text{V}$
- contact/ground $\geq 1200\text{V}$

MECHANICAL DATA

- Contact force $\geq 0.140\text{N}$
- Retention force $\geq 40\text{N}$
- Insertion force according to DIN41652 Part 2
- Withdrawal force according to DIN41652 Part 2
- Mechanical endurance ≥ 500 matings/unmatings
- Material shell steel, bright cadmium-lead
- Material insulator glass filled thermoplastic UL94V0
- Material contacts phosphor bronze
- Finish on contact area 0.40μ 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 $\leq 1\mu\text{s}$

ENVIRONMENTAL DATA

- Climatic category -55/125/21
- Corrosion salt spray: 24h

Part number	DDP50S300		
a	25/08/00	Creation of drawing	--
ISS	DATE	Latest modification by : MASSON	MOD N°
Designed by: MASSON date 25/08/00			Type of drawing: CLIENT
TITLE : SOCKET CONNECTORS D SUBMINIATURE WITH STRAIGHT DIP SOLDER PINS			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° C01-8637-1538		PROJECT M94D001

D:\y.pstdhtxa50