

ELECTRICAL DATA

- Current at AMB.
 - 4A
 - 5A
- Contact resistance
 - $\leq 10\text{m}\Omega$
- Insulation resistance
 - $\geq 5000\text{M}\Omega$
- TEST VOLTAGE
 - contact/contact
 - contact/ground
- $\geq 1000\text{V}$
 - $\geq 1200\text{V}$

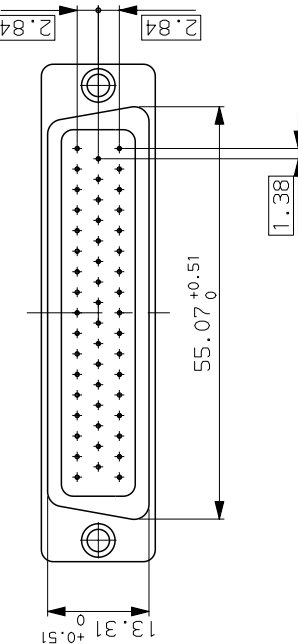
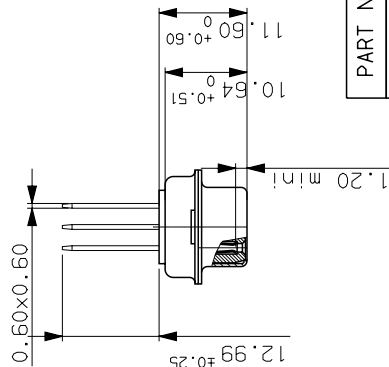
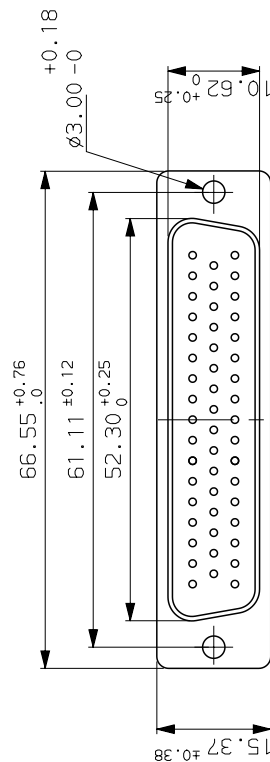
MECHANICAL DATA

- Contact force
 - $\geq 0.20\text{N}$
 - $\geq 40\text{N}$
- Retention force
 - according to DIN41652 Part 2
- Insertion force
 - according to DIN41652 Part 2
- Withdrawal force
 - ≥ 500 matings/unmatings
- Mechanical endurance
 - steel, bright tin-lead
- Material shell
 - glass filled thermoplastic UL94V0
- Material insulator
 - brass
- Material contacts
 - gold over nickel
- Finish on contact area

- 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	PLATING	FINISH ON TERMINATION END
DDP50S436T	0.4µ Gold	Flash gold over nickel
DDP50S400T	0.4µ Gold	bright tin-lead over nickel
DDP50S431T	Flash Gold	bright tin-lead over nickel

d	29/01/04	---	Add part number for plating flash gold
ISS	DATE	---	MOD. N°
Designed by: BOUTTIER date: 4/03/94 Type of drawing: CUSTOMER			
TITLE : SOCKETS CONNECTORS D SUBMINIATURE WITH WIRE WRAP (3 LEVELS)			
SCALE: 1.5		SHEET 1/1	
	FRAMATOME CONNECTORS FRANCE Rue Louis Breguet - Bp 05 72024 LE MANS Cedex Tel. 33 (16) 43.84.08.43		
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FORMAT		SOURIAU DRG N°	
A3		C01-8637-0536	
		PROJECT D89D018	

Dimensions are in millimeters