

LAYOUT DIMENSIONS
CONNECTOR SIDE VIEW (view F)

ELECTRICAL DATA

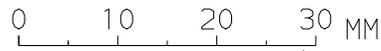
-I max	7.5A
-Contact resistance	≤7.3 mΩ
-Insulation resistance	>500MΩ
-TEST VOLTAGE	
contact/contact	>1000V
contact/ground	>1200V

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 ,brigt tin-lead
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	socket :brass
-Finish on contact area	0.4 μ gold over nickel
-Finish on termination end	brigh tin-lead over nickel
-Solderability	according to DIN 41640 Part 70, test 12a
-Schock	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°/21
-Corrosion	salt spray: 24h



Part number	DDP50S500T		
b	22/06/00	Revised to day	--
ISS	DATE	Latest modification by : JARRY	MOD N°
Designed by: JOUBERT date 25/08/97		Type of drawing:	CLIENT
TITLE : SOCKETS CONNECTORS SUB D WITH ANGLED SPILLS.			SHEET 1/1
SCALE: 2	FRAMATOME CONNECTORS FRANCE Rue Louis Breguet - BP 05 72024 LE MANS Cedex Tel. (33)02.43.78.34.00		This document is the property of FRAMATOME CONNECTORS FRANCE It must not be reproduced or communicated without permission in writing from the owners
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