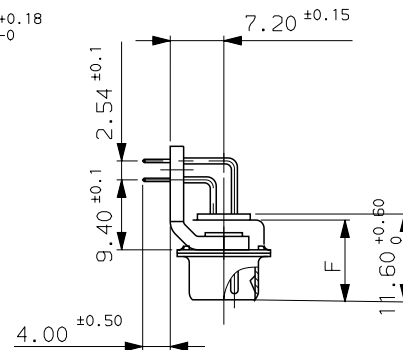
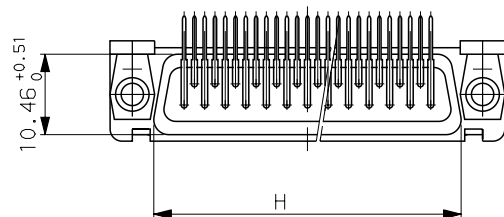
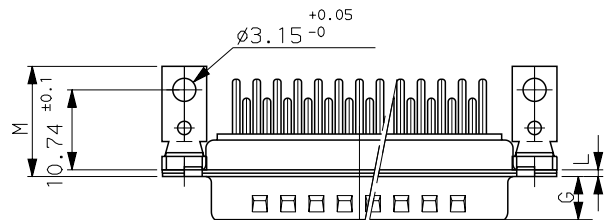
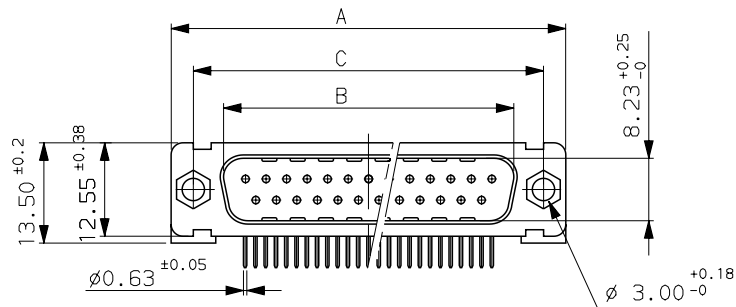




ELECTRICAL DATA

-I max	7.5A
-Contact resistance	≤7.3mΩ
-Insulation resistance	≥5000MΩ
-TEST VOLTAGE	
contact/contact	≥1000V
contact/ground	≥1200V

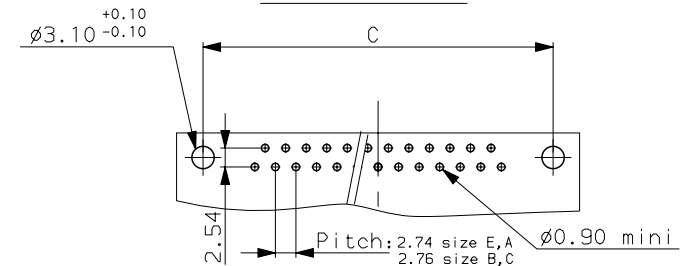
MECHANICAL DATA

-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 plated
-Material insulator	Thermoset
-Material contacts	Pin; brass
-Finish on contact area	gold over nickel
-Finish on termination end	gold 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

ENVIRONMENTAL DATA

-Climatic category	-55° / +155°
-Corrosion	salt spray: 48h

PC BOARD LAYOUT



Dimensions are in millimeters

Shell size	Number of contacts	A ^{+0.76 0}	B ^{+0.25 0}	C ±0.12	F ^{+0.51 0}	G ^{+0.25 0}	H ^{+0.51 0}	L ^{+0.22 0}	M ±0.20	Part number
E	09	30.43	16.46	24.99	10.64	6.05	19.02	0.80	14.80	DEM09P500MN
A	15	38.76	24.54	33.32	10.64	6.05	27.25	0.80	14.80	DAM15P500MN
B	25	52.65	38.25	47.04	10.64	6.05	41.02	0.80	14.80	DBM25P500MN
C	37	68.94	54.71	63.50	10.64	6.05	57.45	0.80	14.80	DCM37P500MN

a	28/02/03	Creation of drawing.	--
ISS	DATE	Latest modification by : JOUBERT	MOD N°
Designed by:	JOUBERT	date 28/02/03	Type of drawing: CLIENT
SCALE: 1.5	TITLE : LALE CONNECTORS D SUB RIGHT ANGLED SPILL WITH INTERFACIAL SEAL		
	FRAMATOME CONNECTORS FRANCE Rue Louis Breguet - BP 05 72024 LE MANS Cedex Tel. 33 (16) 43.84.08.43		SHEET 1/1
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