

ELECTRICAL DATA

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

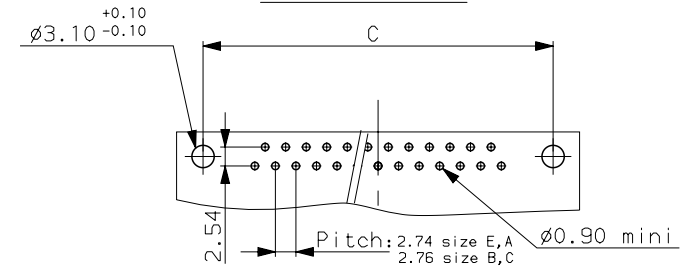
MECHANICAL DATA

-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
-Shock	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	
TITLE : LALE CONNECTORS D SUB RIGHT ANGLED SPILL WITH INTERFACIAL SEAL			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
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