

ELECTRICAL DATA

-Current at AMB.	4A
-I max	7.5A
-Contact resistance	≤10mΩ
-Insulation resistance	≥500MΩ
-TEST VOLTAGE	
contact/contact	≥1000V
contact/ground	≥1200V

MECHANICAL DATA

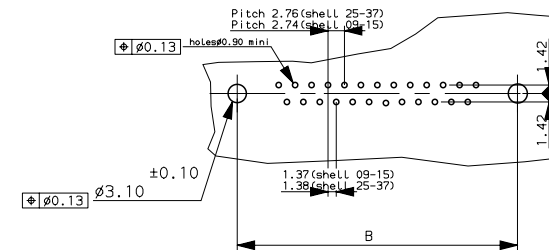
-Contact force	≥0.14N
-Retention force	≥40N
-Insertion force	according to DIN41652 Part 2
-Withdrawal force	according to DIN41652 Part 2
-Mechanical endurance	≥500 matings / unmatings
-Material shell	steel, bright cadmium
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	pin:brass;socket:brass
-Finish on contact area	0.4 μ gold over nickel
-Finish on termination end	bright 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; discontinuities 1μs

ENVIRONMENTAL DATA

-Climatic category	-55° / +125°/56
-Corrosion	salt spray: 48h

PC card drilling dimensions (after plating)

(thickness 1.60±0.20mm)



Dimensions are in millimeters

Shell size	Number of contacts	A ^{+0.76} ₀	B ^{+0.25} ₀	C ^{+0.12} ₀	F ^{+0.51} ₀	G	H ^{+0.51} ₀	K _{Maxi}	L ^{+0.22} ₀	Part number
E	09	30.43	16.79	24.99	10.47	5.90 ^{+0.15} ₀	19.02	1.50	0.80	DEML09P300
A	15	38.76	25.12	33.32	10.47	5.90 ^{+0.15} ₀	27.25	1.50	0.80	DAML15P300
B	25	52.65	38.84	47.04	10.43	5.70 ^{+0.25} ₀	41.02	1.50	0.80	DBML25P300
C	37	68.94	55.30	63.50	10.56	5.70 ^{+0.25} ₀	57.45	1.50	1.00	DCML37P300

a	29/08/00	Creation of drawing.	--
ISS	DATE	Latest modification by : MASSON	MOD N°
Designed by: MASSON date 29/08/00 Type of drawing: CLIENT			SHEET 1/1
TITLE : PIN CONNECTORS SUB D WITH STRAIGHT SPILLS.			
SCALE: 1.5			
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FORMAT	A3	SOURIAU DRG N°	PROJECT
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