



ELECTRICAL DATA

-I max	7.5A
-Contact resistance	≤7.3 mΩ
-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, zinc plated
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	pin:brass;socket:brass
-Finish on contact area	gold over nickel
-Finish on termination end	bright tin-lead 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 10 to 2000Hz: discontinuity ≤1μs

ENVIRONMENTAL DATA

-Climatic category	-55° / +125°/56 j
-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	F ^{+0.51} ₀	G ^{+0.25} ₀	H ^{+0.51} ₀	K	L ^{+0.22} ₀	Part number
E	09	30.43	16.21	24.99	10.64	6.05	19.02	1.50 MAXI	0.80	DEM09S300Z
A	15	38.76	24.54	33.32	10.64	6.05	27.25	1.50 MAXI	0.80	DAM15S300Z
B	25	52.65	38.25	47.04	10.64	6.05	41.02	1.50 MAXI	0.80	DBM25S300Z
C	37	68.94	54.71	63.50	10.64	6.05	57.45	1.50 MAXI	1.00	DCM37S300Z

a	28/11/03	Creation of drawing .	--
ISS	DATE	Latest modification by : JARRY	MOD N°
Designed by: JARRY date 28/11/03		Type of drawing: CLIENT	
TITLE : SOCKET CONNECTORS D SUB.WITH STRAIGHT DIP SOLDER PINS			SHEET 1/1
SCALE: 1.5			
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FORMAT	SOURIAU DRG N°		PROJECT
A3	C01-8637-1633		M94D001