



1.37 for size 09 and 15
1.38 for size 25 and 37

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 Max	L ^{+0.22 0}	PART NUMBER
E	09	30.43	16.21	24.99	10.64	6.05	19.02	1.50	0.80	DE09S36*T
A	15	38.76	24.54	33.32	10.64	6.05	27.25	1.50	0.80	DA15S36*T
B	25	52.65	38.25	47.04	10.64	6.05	41.02	1.50	0.80	DB25S36*T
C	37	68.94	54.71	63.50	10.64	6.05	57.45	1.50	0.80	DC37S36*T

Plating: 4 --> Flash AU
Plating: 5 --> 0.75µ AU
Plating: 6 --> 1.27µ AU
Plating: 7 --> 0.4µ AU

ELECTRICAL DATA

-Current at AMB.	4A
-I max	5A
-Contact resistance	≤10mΩ
-Insulation resistance	≥5000MΩ
-TEST VOLTAGE	
contact/contact	≥1000V
contact/ground	≥1200V

MECHANICAL DATA

-Contact force	≥0.20N
-Retention force	≥20N
-Insertion force	according to DIN41652 Part 2
-Withdrawal force	according to DIN41652 Part 2
-Mechanical endurance	≥500 matings/unmatings
-Material shell	steel, bright tin-lead
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	phosphor bronze
-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
-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

h	30/03/01	Add plating 4. Delete draw C-8636-0807, C-8636-0814 and C01-8636-0808.	--
ISS	DATE	Latest modification by : JOUBERT	MOD N°
Designed by: pesson		date: 30/03/01	Type of drawing: CLIENT
TITLE : SOCKET CONNECTORS D SUB.WITH STRAIGHT DIP SOLDER PINS			SHEET 1/1
SCALE: 1.5			
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