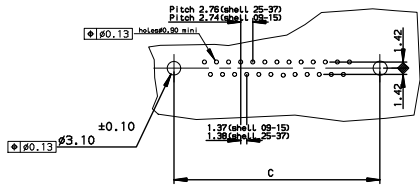


PC board drilling dimensions (after plating)
(thickness 1.60±0.20mm)



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, cadmium 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

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 MAX1	0.80	DEM09S300
A	15	38.76	24.54	33.32	10.64	6.05	27.25	1.50 MAX1	0.80	DAM15S300
B	25	52.65	38.25	47.04	10.64	6.05	41.02	1.50 MAX1	0.80	DBM25S300
C	37	68.94	54.71	63.50	10.64	6.05	57.45	1.50 MAX1	1.00	DCM37S300

European Views

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr JARRY	1998/01/05	ANGULAR	0.xx	±0.1	Scale 1.5
Eng PESSON	1998/01/05	LINEAR	0.xx	±0.1	ECN LS06-0097
Chr LEGARE	1998/01/05	0.xx' ±2'	0.xxx	±0.1	Product family D-SUB
Appr LEGARE	1998/01/05	Product family D-SUB		Spec ref -	
FCI title SOCKET CONNECTORS D SUB WITH STRAIGHT DIP SOLDER PINS catalog no -				Part no C01-8637-0560 Rev. D CUSTOMER sheet 1 of 1	

rev	ecn no	dr	date
C	-	JAR	2002/03/15
D	LS06-0097	LG0	2006/07/28
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-