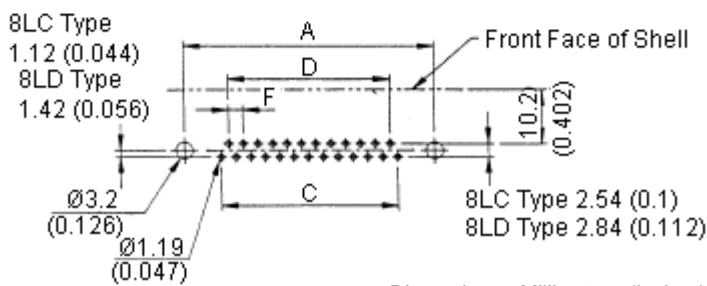
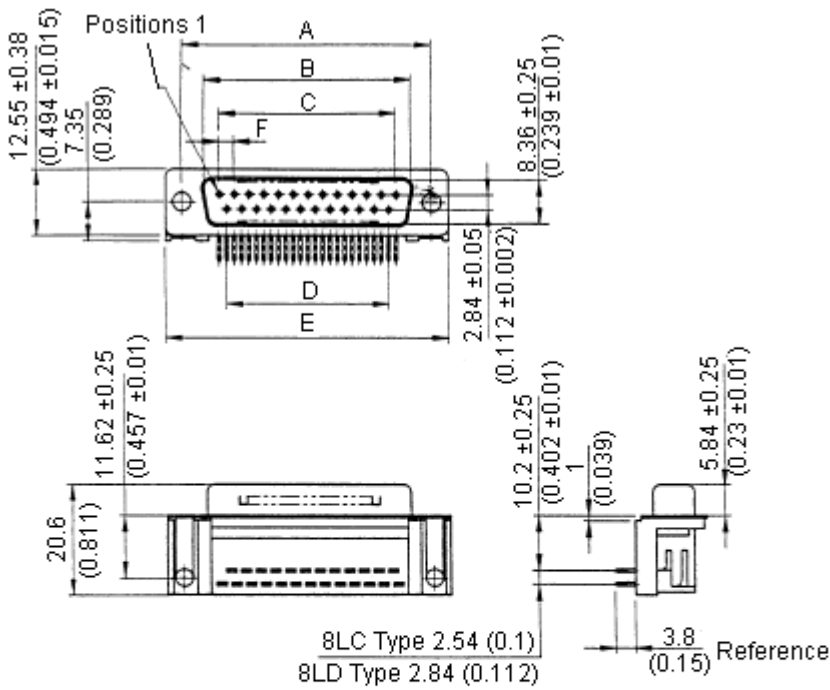


Plugs and Sockets



Specifications:

Current Rating	: 5 A
Minimum Insulation Resistance	: 5,000 MΩ at 500 V dc
Minimum Dielectric Withstanding Voltage	: 1,000 V ac (for 1 minute)
Maximum Contact Resistance	: 15 mΩ
Operating Temperature	: - 55°C to 105°C
Insulator Material	: P.B.T and glass-fiber reinforced UL 94V-0
Contact Material	: Brass, gold over nickel
Shell	: Steel, tin or zinc plated



Dimensions : Millimetres (Inches)

Recommended P.C.B Layout

Tolerance Unspecified

0.000	±
0.00	±0.25
0.0	±
.	±
Angle	±



Plugs and Sockets

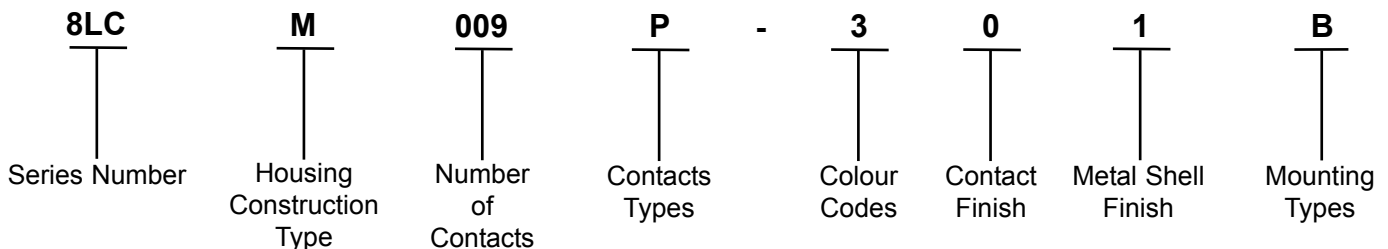
Dimension Table

F ±0.05 (0.002)	E ±0.38 (0.015)	D ±0.13 (0.005)	C ±0.13 (0.005)	B ±0.25 (0.01)	A ±0.13 (0.005)	Part Number
2.74 (0.108)	30.89 (1.216)	8.22 (0.324)	10.96 (0.431)	16.92 (0.666)	24.99 (0.984)	8LC/D 9P
2.74 (0.108)	39.1 (1.539)	16.44 (0.647)	19.18 (0.755)	25.25 (0.994)	33.32 (1.312)	8LC/D 15P
2.77 (0.109)	53.09 (2.09)	30.47 (1.2)	33.24 (1.309)	38.96 (1.534)	47.04 (1.852)	8LC/D 25P
2.77 (0.109)	69.4 (2.732)	47.09 (1.854)	49.86 (1.963)	55.42 (2.182)	63.5 (2.5)	8LC/D 37P

Part Number Table

Description	Part Number
Plug, D, PCB, R/A, 15 Way	8LCM015P-301B-XX
Plug, D, PCB, R/A, 25 Way	8LCM025P-301B-XX
Plug, D, PCB, R/A, 37 Way	8LCM037P-301B-XX
Socket, D, PCB, R/A, 9 Way	8LCM009S-304B-XX
Socket, D, PCB, R/A, 15 Way	8LCM015S-304B-XX
Socket, D, PCB, R/A, 25 Way	8LCM025S-304B-XX
Socket, D, PCB, R/A, 37 Way	8LCM037S-304B-XX

Part Number Explanation:



- Series Number** : 8LC = D-SUB right angle 10.2 (0.402 inches) foot print 2.54 (0.1 inches) connector
- Housing Construction Type** : M = With metal front shell
- Number of Contacts** : 009 = 9, 015 = 15, 025 = 25 and 037 = 37 positions
- Contacts Types** : P = plug (male type) and S = socket (female type)
- Colour Codes** : 3 = black
- Contact Finish** : 0 = gold flash over 30 µ inches nickel
- Metal Shell Finish** : 1 = tin plated shell with grounding indents
4 = tin plated shell without grounding indents
- Mounting Types** : B = with board lock grounding bracket and with screw lock

