

D TYPE CONNECTORS - TURNED PIN

SOLDER BUCKET

- 9, 15, 25, 37 or 50 way
- Turned Pin (Machined) Contact
- Gold Plated Contacts
- Yellow Zinc Metal or Tin Housings available
- Current Rating - 5 Amps



SPECIFICATION

Mechanical:

Termination:

Hand Solder
Dip Solder straight
Dip Solder 90°C
Wire Wrap 0.6 x 0.6mm

Polarisation:

by trapezoidal shell

Coupling:

by friction, locking by special accessories

Withdrawal force:

ca. 0.5 N per contact

Material and Finishes:

Shell steel with yellow passivation over zinc plate (standard),
steel nickel plated and tinned

Insulators:

Two part mouldings, polyester,
glass fibre re-enforced,
flame retarded according UL 94 V0

Contacts:

gold plated over nickel

Insertion Cycles:

500

Electrical:

Creeping Current Stability:

KB 220 according to DIN 53480

Working Current:

5A per contact with 20AWG cable

Working Voltages:

300V rms

Test Voltage:

1000V rms

Contact Resistance:

below $5 \times 10^{-3} \Omega$

Insulation Resistance:

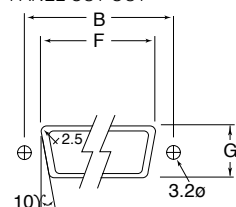
over 10M Ω

Temperature Range:

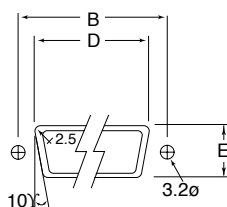
-55°C to 125°C

OUTLINE DRAWING

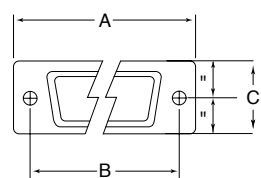
PANEL CUT OUT



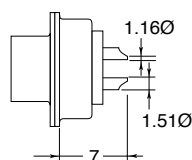
SOCKET



PLUG



SHELL DIMENSIONS



	A	B	C	D	E	F	G
9 WAY	30.8	25.0	12.4	22.2	13.0	20.5	11.4
15 WAY	39.2	33.3	12.4	30.5	13.0	28.8	11.4
25 WAY	53.1	47.0	12.4	44.3	13.0	42.5	11.4
37 WAY	69.5	63.5	12.4	60.7	13.0	59.1	11.4
50 WAY	67	61.1	15.4	58.3	13.0	56.3	14.1

Dimension - mm

ORDERING INFORMATION

DBC

Dubilier
Connectors

TD

Series

TD = Turn Pin D

M1

Connector Type

M1 = Male(plug) zinc
F1 = Female(socket) zinc
M2 = Male (plug) Tin
F2 = Female (Socket) Tin

SB

Contact Style

SB = Solder Bucket

09

N° of Ways

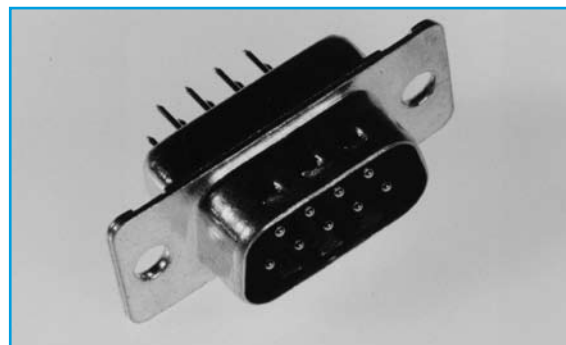
09 = 9ways
15 = 15ways
25 = 25ways
37 = 37ways
50 = 50ways

3

D TYPE CONNECTORS - TURNED PIN

PCB STRAIGHT PIN

- 9, 15, 25, 37 or 50 way
- Turned Pin (Machined) Contact
- Gold Plated Contacts
- Yellow Zinc Metal or Tin Housings available
- Current Rating - 5Amps



SPECIFICATION

Mechanical:

Termination:

Hand Solder
Dip Solder straight
Dip Solder 90°C
Wire Wrap 0.6 x 0.6mm

Polarisation:

by trapezoidal shell

Coupling:

by friction, locking by special accessories

Withdrawal force:

ca. 0.5 N per contact

Material and Finishes:

Shell steel with yellow passivation over zinc plate (standard), steel nickel plated and tinned

Insulators:

Two part mouldings, polyester, glass fibre re-enforced, flame retarded according UL 94 V0

Contacts:

gold plated over nickel

Insertion Cycles:

500

Electrical:

Creeping Current Stability:

KB 220 according to DIN 53480

Working Current:

5A per contact with 20AWG cable

Working Voltages:

300V rms

Test Voltage:

1000V rms

Contact Resistance:

below $5 \times 10^{-3} \Omega$

Insulation Resistance:

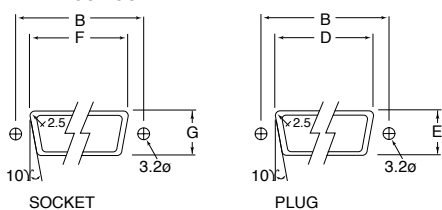
over 10M Ω

Temperature Range:

-55°C to 125°C

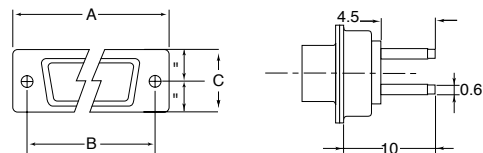
OUTLINE DRAWING

PANEL CUT OUT



SOCKET

PLUG



SHELL DIMENSIONS

	A	B	C	D	E	F	G
9 WAY	30.8	25.0	12.4	22.2	13.0	20.5	11.4
15 WAY	39.2	33.3	12.4	30.5	13.0	28.8	11.4
25 WAY	53.1	47.0	12.4	44.3	13.0	42.5	11.4
37 WAY	69.5	63.5	12.4	60.7	13.0	59.1	11.4
50 WAY	67	61.1	15.4	58.3	13.0	56.3	14.1

Dimension - mm

ORDERING INFORMATION

DBC

Dubilier
Connectors

TD

Series

TD = Turn Pin D

M1

Connector Type

M1=Male(plug) zinc
F 1= Female(socket) zinc
M2 = Male (plug) Tin
F2 = Female (socket) Tin

SS

Contact Style

SS = Solder Straight

09

Nº of Ways

09 = 9ways
15 = 15ways
25 = 25ways
37 = 37ways
50 = 50ways

3

D TYPE CONNECTORS - TURNED PIN

- 9, 15, 25, 37 or 50 way
- Turned Pin (Machined) Contact
- Gold Plated Contacts
- Yellow Zinc Metal or Tin Housings available
- Current Rating - 5Amps

PCB - RIGHT ANGLE PIN



SPECIFICATION

Mechanical:

Termination: Hand Solder
Dip Solder straight
Dip Solder 90°C
Wire Wrap 0.6 x 0.6mm

Polarisation: by trapezoidal shell

Coupling: by friction, locking by special accessories

Withdrawal force: ca. 0.5 N per contact

Material and Finishes: Shell steel with yellow passivation over zinc plate (standard), steel nickel plated and tinned

Insulators: Two part mouldings, polyester, glass fibre re-enforced, flame retarded according UL 94 V0

Contacts: Gold plated over nickel

Insertion Cycles: 500

Electrical:

Creeping Current Stability: KB 220 according to DIN 53480

Working Current: 5A per contact with 20AWG cable

Working Voltages: 300V rms

Test Voltage: 1000V rms

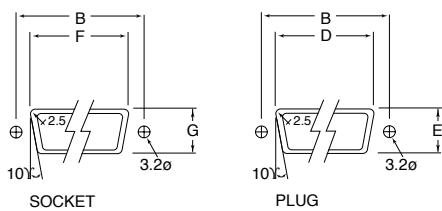
Contact Resistance: below $5 \times 10^{-3} \Omega$

Insulation Resistance: over 10M Ω

Temperature Range: -55°C to 125°C

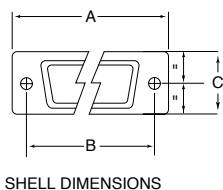
OUTLINE DRAWING

PANEL CUT OUT

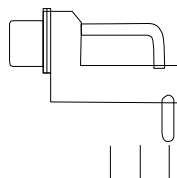


SOCKET

PLUG



SHELL DIMENSIONS



	A	B	C	D	E	F	G
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15 WAY	39.2	33.3	12.4	30.5	13.0	28.8	11.4
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Dimension - mm

ORDERING INFORMATION

DBC

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Connector Type

M1 = Male(plug) zinc
F1 = Female(socket) zinc
M2 = Male (Plug) Tin
F2 = Female (Socket) Tin

SR

Contact Style

SR = Solder Right
Angled

09

N° of Ways

09 = 9ways
15 = 15ways
25 = 25ways
37 = 37ways
50 = 50ways

3

A

A = Bracket,
board and
screwlocks

D TYPE CONNECTORS - TURNED PIN

WIRE WRAP

- 9, 15, 25, 37 or 50 way
- Turned Pin (Machined) Contact
- Gold Plated Contacts
- Yellow Zinc Metal or Tin Housings available
- Current Rating - 5Amps



SPECIFICATION

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Termination:

Hand Solder
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Dip Solder 90°C
Wire Wrap 0.6 x 0.6mm

Polarisation:

by trapezoidal shell

Coupling:

by friction, locking by special accessories

Withdrawal force:

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Material and Finishes:

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Insertion Cycles:

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Electrical:

Creeping Current Stability:

KB 220 according to DIN 53480

Working Current:

5A per contact with 20AWG cable

Working Voltages:

300V rms

Test Voltage:

1000V rms

Contact Resistance:

below $5 \times 10^{-3} \Omega$

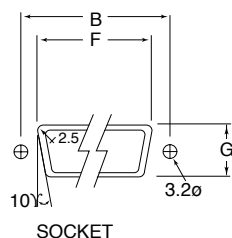
Insulation Resistance:

over 10M Ω

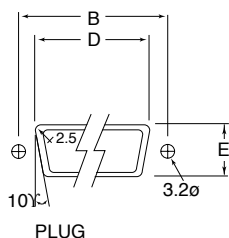
Temperature Range:

-55°C to 125°C

OUTLINE DRAWING



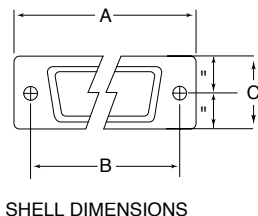
SOCKET



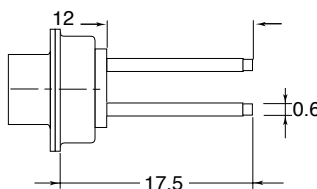
PLUG

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Dimension - mm



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F2 = Female (socket) Tin

WW

Contact Style

WW = Wire Wrap

09

N° of Ways

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15 = 15ways
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37 = 37ways
50 = 50ways

3