## **SOLDER BUCKET**

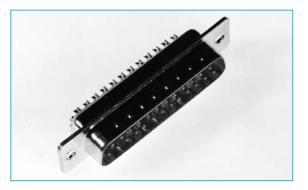
9, 15, 25, 37 or 50 way

Turned Pin (Machined) Contact

Gold Plated Contacts

Yellow Zinc Metal or Tin Housings available

Current Rating - 5 Amps



## **SPECIFICATION**

#### Mechanical:

Termination:	

Withdrawal force:

Material and Finishes:

Polarisation:

Coupling:

Hand Solder
Dip Solder straight
Dip Solder 90°C
Wire Wrap 0.6 x 0.6mm
by trapezoidal shell
by friction, locking by special accessories
ca. 0.5 N per contact
Shell steel with yellow passivation over
zinc plate (standard),
steel nickel plated and tinned
Two part mouldings, polyester,
glass fibre re-enforced,
flame retarded according UL 94 V0
gold plated over nickel
500
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#### **Electrical:**

dubilier

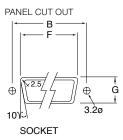
Creeping Current Stability
Working Current:
Working Voltages:
Test Voltage:
Contact Resistance:
Insulation Resistance:
Temperature Range:

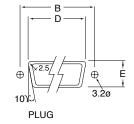
y: KB 220 according to DIN 53480 5A per contact with 20AWG cable 300V rms 1000V rms below 5 x 10  $^{-3}\Omega$ over 10M $\Omega$ - 55°C to 125°C

Contacts: Insertion Cycles:

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## **OUTLINE DRAWING**





	Α	В	С	D	Е	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

SHELL DIMENSIONS	

·В

# **ORDERING INFORMATION**

DBC	TD	M1	SB	09	3
Dubilier Connectors	Series	Connector Type	Contact Style	Nº of Ways	
	TD = Turn Pin D	M1 = Male(plug) zinc F1 = Female(socket) zinc M2 = Male (plug) Tin F2 = Female (Socket) Tin	SB = Solder Bucket	09 = 9ways 15 = 15ways 25 = 25ways 37 = 37ways 50 = 50ways	

1.16Ø

1.51Ø

## www.dubilier.co.uk

#### **PCB STRAIGHT PIN**

9, 15, 25, 37 or 50 way

Turned Pin (Machined) Contact

Gold Plated Contacts

Yellow Zinc Metal or Tin Housings available

Hand Solder

Dip Solder straight

by trapezoidal shell

ca. 0.5 N per contact

zinc plate (standard), steel nickel plated and tinned

gold plated over nickel

500

Wire Wrap 0.6 x 0.6mm

by friction, locking by special accessories

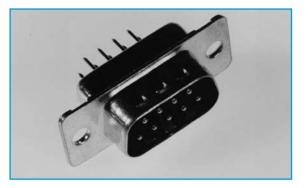
Shell steel with yellow passivation over

Two part mouldings, polyester, glass fibre re-enforced,

flame retarded according UL 94 V0

Dip Solder 90°C

Current Rating - 5Amps



5A per contact with 20AWG cable

## **SPECIFICATION**

#### Mechanical:

#### Termination:

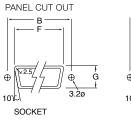
Polarisation: Coupling: Withdrawal force: Material and Finishes:

TION

Insulators:

Contacts: Insertion Cycles:

# **OUTLINE DRAWING**



|←──B──→| SHELL DIMENSIONS



	А	в	С	D	Е	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

Creeping Current Stability: KB 220 according to DIN 53480

300V rms

1000V rms

over 10M $\Omega$ 

below 5 x 10  $^{\text{-3}}\Omega$ 

- 55°C to 125°C

Dimension - mm

**Electrical:** 

Working Current:

Working Voltages:

**Contact Resistance:** 

**Temperature Range:** 

Insulation Resistance:

Test Voltage:

duoiler

# **ORDERING INFORMATION**

DBC	TD	M1	SS	09	3
Dubilier Connectors	Series	Connector Type	Contact Style	Nº of Ways	
	TD = Turn Pin D	M1=Male(plug) zinc F 1= Female(socket) zinc M2 = Male (plug) Tin F2 = Female (socket) Tin	SS = Solder Straight	09 = 9ways 15 = 15ways 25 = 25ways 37 = 37ways 50 = 50ways	

0.6

**PCB - RIGHT ANGLE 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:
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Polarisation:
Coupling:
Withdrawal force:
Material and Finishes:
Insulators:

Hand Solder Dip Solder straight Dip Solder 90°C Wire Wrap 0.6 x 0.6mm by trapezoidal shell by friction, locking by special accessories ca. 0.5 N per contact Shell steel with yellow passivation over zinc plate (standard), steel nickel plated and tinned Two part mouldings, polyester, glass fibre re-enforced, flame retarded according UL 94 V0 Gold plated over nickel 500

#### **Electrical:**

dubiler

Creeping Current Stability
Working Current:
Working Voltages:
Test Voltage:
Contact Resistance:
Insulation Resistance:
Temperature Range:

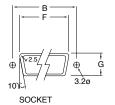
y: KB 220 according to DIN 53480 5A per contact with 20AWG cable 300V rms 1000V rms below 5 x 10  $^{-3}\Omega$  over 10M $\Omega$  - 55°C to 125°C

Contacts: Insertion Cycles:

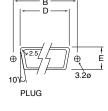
# **OUTLINE DRAWING**

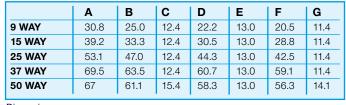


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SHELL DIMENSIONS





Dimension - mm

<b>ORDERING INFORMATION</b>
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## **WIRE WRAP**

9, 15, 25, 37 or 50 way U

Turned Pin (Machined) Contact

**Gold Plated Contacts** 

Yellow Zinc Metal or Tin Housings available

Hand Solder

Dip Solder straight

**Current Rating - 5Amps** 



## **SPECIFICATION**

#### **Mechanical:**

#### Termination:

Polarisation: Coupling: Withdrawal force: Material and Finishes:

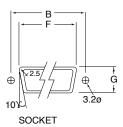
ECTION

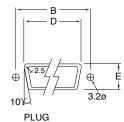
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Insulators:

Contacts: **Insertion Cycles:** 

## **OUTLINE DRAWING**





Dip Solder 90°C
Wire Wrap 0.6 x 0.6mm
by trapezoidal shell
by friction, locking by special accessories
ca. 0.5 N per contact
Shell steel with yellow passivation over
zinc plate (standard),
steel nickel plated and tinned
Two part mouldings, polyester,
glass fibre re-enforced,
flame retarded according UL 94 V0
Gold plated over nickel
500

#### **Electrical:**

dubilier

Working Current: Working Voltages: Test Voltage: **Contact Resistance:** Insulation Resistance: Temperature Range:

Α

30.8

39.2

53.1

69.5

67

в

25.0

33.3

47.0

63.5

61.1

С

12.4

12.4

12.4

12.4

15.4

D

22.2

30.5

44.3

60.7

58.3

Е

13.0

13.0

13.0

13.0

13.0

F

20.5

28.8

42.5

59.1

56.3

G

11.4

11.4

11.4

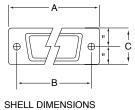
11.4

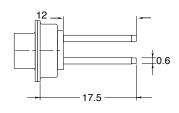
14.1

Creeping Current Stability: KB 220 according to DIN 53480 5A per contact with 20AWG cable 300V rms 1000V rms below 5 x 10  $^{\text{-3}}\Omega$ over 10M $\Omega$ - 55°C to 125°C

	9 WAY
	15 WAY
	25 WAY
	37 WAY
1	<b>50 WAY</b>

Dimension - mm





## **ORDERING INFORMATION**

DBC	TD	M1	WW	09
Dubilier Connectors	Series	Connector Type	Contact Style	Nº of Ways
	TD = Turn Pin D	M1 = Male(plug) zinc F1 = Female(socket) zinc M2 = Male (plug) Tin F2 = Female (socket) Tin	WW = Wire Wrap	09 = 9ways 15 = 15ways 25 = 25ways 37 = 37ways 50 = 50ways