

## 'D' SUBMINIATURE CONNECTORS

### RIGHT ANGLE FOR PC BOARD MOUNTING

#### - 8.1mm Spacing

Right angled PCB mounting "D" series connectors, with locking lugs to quickly retain connectors during PCB solder assembly, saving time in production costs.

#### FEATURES

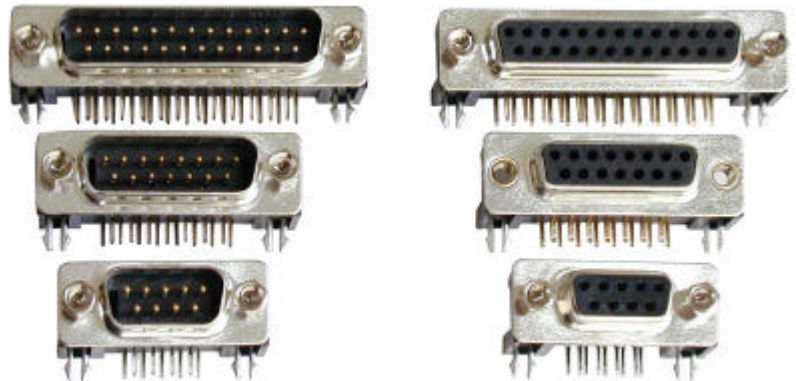
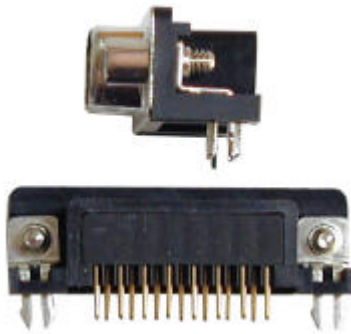
- Low cost, high density PCB mounting connector
- Will mate to industrial standard "D" subminiature connectors
- Can be directly installed over the PCB trace pattern with no shorting
- Accessories available upon request
- With gold plated contacts

#### MATERIAL

- Insulator - PBT + 30% Glass Fibre (UL 94V-O)
- Contact - Phosphor Bronze
- Contact Plated - Gold over nickel
- Shell - Steel
- Shell - Zinc Plated or Tin Plated

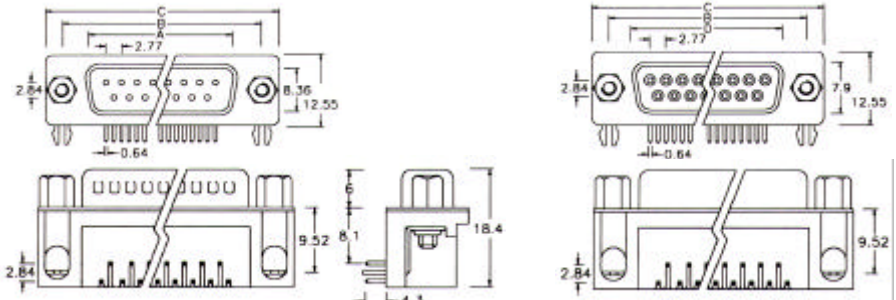
#### SPECIFICATION

- Current Rate - 5A
- Insulator Resistance - 1000 M $\Omega$
- Contact Resistance - 20 M $\Omega$  Max
- Voltage - 500V AC for one minute
- Temperature - -40°C to +105°C



Male Plugs

Female Sockets



Male Plug	Female Socket	Number of Pins	Dim. A	Dim. B	Dim. C	Dim. D
DE9PRA	DE9SRA	9	16.92	24.99	30.81	16.33
DA15PRA	DA15SRA	15	25.25	33.32	39.14	24.66
DB25PRA	DB25SRA	25	38.96	47.04	53.04	38.38
DC37PRA	DC37SRA	37	55.42	63.50	69.32	54.85

### RIGHT ANGLE FOR PC BOARD MOUNTING - "ALL PLASTIC" BODY

Same Specifications as above, but being all plastic, giving extra security from any shorting.

- Housing: Polyester, UL94V-O
- Contacts: Phosphor bronze, Gold over nickel plating.



Plastic body, right angle PCB mounting with black finish, commonly used in computer related equipment.

Male Plug	Female Socket	Number of Pins
DE9PRAP	DE9SRAP	9
DA15PRAP	DA15SRAP	15
DB25PRAP	DB25SRAP	25
DC37PRAP	DC37SRAP	37

### RIGHT ANGLE — "LONG BODY" (15MM)

#### SPECIFICATION

- Current Rating - 3A
- Insulator Resistance - 1000 M $\Omega$
- Contact Resistance - 20 M $\Omega$  Max
- Voltage - 350V AC
- Temperature - -55°C to +105°C



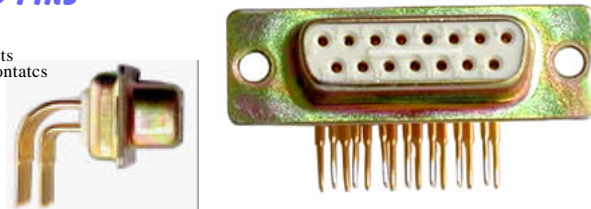
Long all plastic body, right angle PCB mounting with black finish, suited where you may need extra room from board to chassis.

Male Plug	Female Socket	Number of Pins
DE9PRAW	DE9SRAW	9
DA15PRAW	DA15SRAW	15
DB25PRAW	DB25SRAW	25
DC37PRAW	DC37SRAW	37

### RIGHT ANGLE — "MACHINED PINS"

#### SPECIFICATION

- Current Rating - 6.5A @70Deg
- Contacts - 0.2um gold plated contacts
- Contact Resistance - machined copper alloy contacts 5 M $\Omega$  Max
- Voltage - 500V AC for one minute
- Temperature - -55°C to +105°C



Range of machined contact pins meeting the requirements of MIL-C-24308. Yellow chromated steel shells, with hard gold over nickel plated contacts.

Male Plug	Female Socket	Number of Pins
DE9PRAM	DE9SRAM	9
DA15PRAM	DA15SRAM	15
DB25PRAM	DB25SRAM	25
DC37PRAM	DC37SRAM	37

### RIGHT ANGLE — "HIGH DENSITY"

#### SPECIFICATION

- Current Rating - 3A
- Contact Resistance - 58M $\Omega$  Max
- Voltage - 500V AC for one minute
- Temperature - -55°C to +105°C



High Density "D" type connectors offer a low cost, high performance alternative for use where a higher number of contacts are required in a given body size. Precision formed contacts, with tin plated shells and with grounding indents.

Male Plug	Female Socket	Number of Pins
DB915PRA	DB915SRA	15
DB1526PRA	DA1526SRA	26
DB2544PRA	DB2544SRA	44