

# IC SOCKETS

176-371

103-963

## MODULAR SOCKET CONNECTORS

Single-row modular 2.54 mm pitch shrouded sockets which are intended for mother-daughter board applications. The socket contact is fitted with a four-leaf beryllium copper contact for high reliability. The sockets intermate with the modular plugs detailed below, or with integrated circuits.

For technical specification see page 84.

### MATERIALS:

Insulator: Glass-filled polyester UL94V-0  
 Contacts: Outer Shell - brass,  
 tin/lead plated on nickel  
 Inner contact - beryllium copper,  
 gold or tin/lead plated on nickel  
 No. of Ways: Standard sizes shown below

## MODULAR PLUG CONNECTORS

Single-row modular 2.54 mm pitch un-shrouded plugs which are intended for mother-daughter board or cable wiring applications. The plugs intermate with the modular sockets detailed above.

### MATERIALS:

Insulator: Glass-filled polyester UL94V-0  
 Pins: Brass  
 Finish: Gold on nickel or tin/lead on nickel  
 No. of Ways: Standard sizes shown below

CONNECTORS CAN BE CUT TO SIZE USING HAND TOOL SHOWN ON PAGE 37

### FINISH:

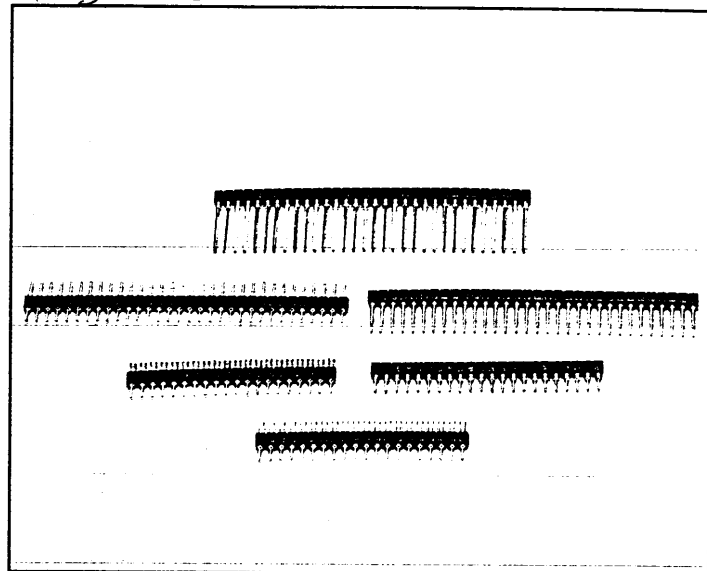
Undercoat, copper with nickel

### SOCKETS:

Code-21 tin/lead shell, thin gold contact (commercial standard).  
 Code-01 tin/lead shell, thick gold contact (military/professional standard).  
 For other finishes, contact Sales Office.

### HEADERS:

Code 01-tin/lead contact  
 Code 05-gold contact



## HORIZONTAL CONNECTORS:

For additional strain relief connector can be bonded to pc board with a suitable adhesive.

| TYPE            | HEADER ORDER CODE |              | DIMS |
|-----------------|-------------------|--------------|------|
|                 | 20 WAY            | 32 WAY       |      |
| 90° PLUG        | D01-9992001       | D01-9993201  |      |
|                 | D01-9992005       | D01-9993205  |      |
| SLOTTED         | Non-Standard      | D01-9943205  |      |
|                 |                   | D01-9943205  |      |
| SOLDER CUP      | Non-Standard      | D01-9933201  |      |
|                 |                   | D01-9933205  |      |
| THROUGH CONNECT | D01-992200        | D01-99232201 |      |
|                 | D01-9922005       | D01-9923205  |      |

| TYPE            | SOCKET ORDER CODE |             | DIMS |
|-----------------|-------------------|-------------|------|
|                 | 20 WAY            | 32 WAY      |      |
| SOLDER SOCKET   | D01-9972021       | D01-9973221 |      |
|                 | D01-9972001       | D01-9973201 |      |
| 90° SOCKET      | D01-9982021       | D01-9983221 |      |
|                 | D01-9982001       | D01-9983201 |      |
| WRAP SOCKET     | D01-9952001       | D01-9953201 |      |
| EXTENDED SOCKET | D01-9802001       | D01-9803201 |      |

Other sizes available to order.

Contact sales office using order code shown below.

### ORDER CODE

|                       |                        |                                                                                                    |
|-----------------------|------------------------|----------------------------------------------------------------------------------------------------|
| D01-XXX<br> <br>Style | XX<br> <br>No. of Ways | XX<br> <br>Socket Finish:<br>21 Thin gold, 01 Thick gold<br>Header Finish:<br>01 Tin/Lead, 05 Gold |
|-----------------------|------------------------|----------------------------------------------------------------------------------------------------|

Example D01-9970801 is an 8-way vertical socket with tin/lead shell, thick gold contact.

### Recommended P.C. Board Pattern

