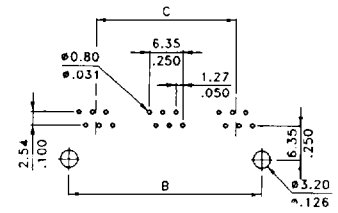
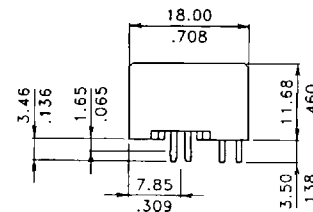
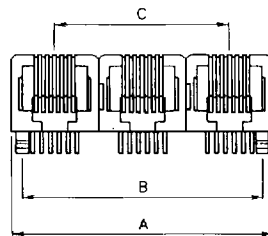
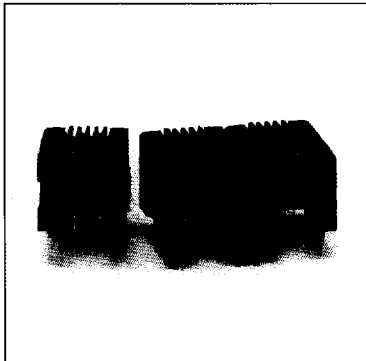


# Multi-Port Modular Gang-Jacks, PC Board Mount

## Add-On Type, 2 Ports & Up, Right Angle, PC Board Mount

Make your own Gang Jack Assembly by adding as many single jacks as you wish to a basic dual jack. The basic dual jack consists of a left and a right end piece. Additional single jacks snap in between the left and right end pieces.

### I. Ultra Low: 6 positions (RJ11, RJ12), Color: Black



PC Board Layout

| Part No. | Description          | No. of Positions | No. of Contacts | Gold Plating |
|----------|----------------------|------------------|-----------------|--------------|
| UDPJ6415 | Basic Dual Port Jack | 6                | 4               | 15μ          |
| UDPJ6450 | Basic Dual Port Jack | 6                | 4               | 50μ          |
| UDPJ6615 | Basic Dual Port Jack | 6                | 6               | 15μ          |
| UDPJ6650 | Basic Dual Port Jack | 6                | 6               | 50μ          |
| USPJ6415 | Single Add-On Jack   | 6                | 4               | 15μ          |
| USPJ6450 | Single Add-On Jack   | 6                | 4               | 50μ          |
| USPJ6615 | Single Add-On Jack   | 6                | 6               | 15μ          |
| USPJ6650 | Single Add-On Jack   | 6                | 6               | 50μ          |

P=No. of Ports

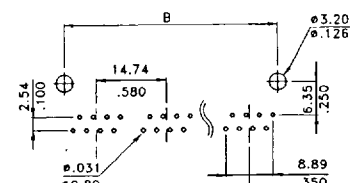
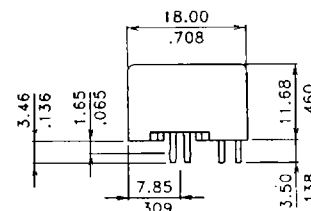
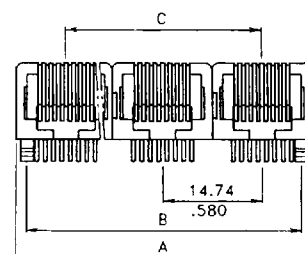
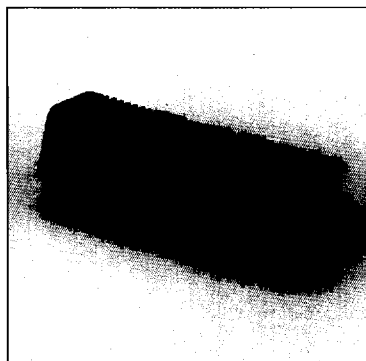
A=13.2mm x P - 0.5(P - 1)

B= A - 3.04mm

C=12.7mm x (P - 1)

Example: To make a 5 port gang jack you order one Basic Dual Port jack and 3 single add-on jacks. You snap them together prior to assembly onto the PC Board.

### II. Ultra Low: 8 positions (RJ45), Color: Black



PC Board Layout

| Part No. | Description          | No. of Positions | No. of Contacts | Gold Plating |
|----------|----------------------|------------------|-----------------|--------------|
| UDPJ8815 | Basic Dual Port Jack | 8                | 8               | 15μ          |
| UDPJ8850 | Basic Dual Port Jack | 8                | 8               | 50μ          |
| USPJ8815 | Single Add-On Jack   | 8                | 8               | 15μ          |
| USPJ8850 | Single Add-On Jack   | 8                | 8               | 50μ          |

P=No. of Ports

A=15.32 mm x P - 0.5 (P - 1)

B=A - 3.81 mm

C=14.71 mm x (P - 1)

Example: Same as for 6 position above.

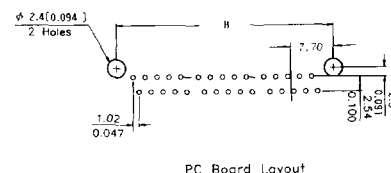
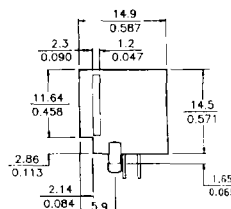
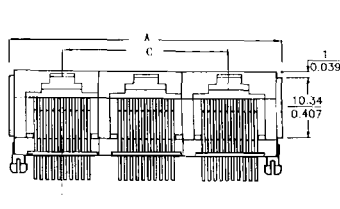
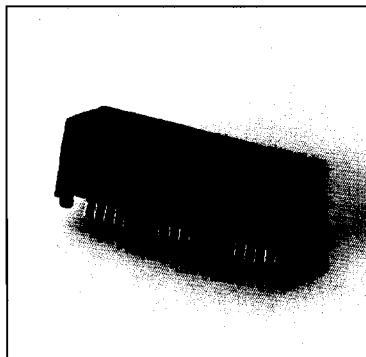


# Multi-Port Modular Gang-Jacks, PC Board Mount

## Add-On Type, 2 Ports & Up, Right Angle, PC Board Mount (continued)

Make your own Gang Jack Assembly by adding as many single jacks as you wish to a basic dual jack. The basic dual jack consists of a left and a right end piece. Additional single jacks snap in between the left and right end pieces.

### V. Low Profile, 10 Positions, Color: Black



PC Board Layout

| Part No.   | Description          | No. of Positions | No. of Contacts | Gold Plating |
|------------|----------------------|------------------|-----------------|--------------|
| LDPJ101015 | Basic Dual Port Jack | 10               | 10              | 15μ          |
| LDPJ101050 | Basic Dual Port Jack | 10               | 10              | 50μ          |
| LSPJ101015 | Single Add-On Jack   | 10               | 10              | 15μ          |
| LSPJ101050 | Single Add-On Jack   | 10               | 10              | 50μ          |

P=No. of Ports

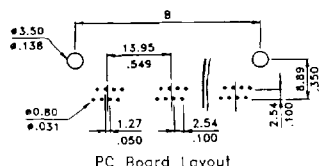
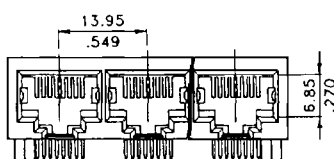
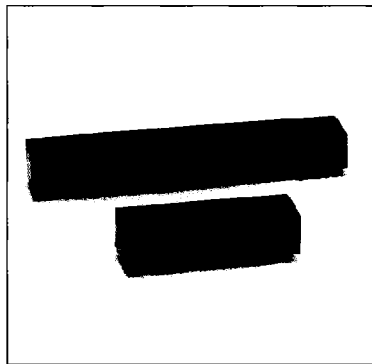
B=15.1mm x (P - 1) + 15.4mm

A=B + 3.0mm

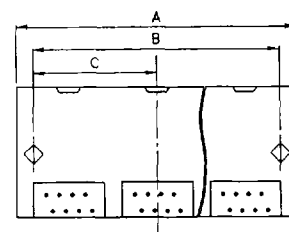
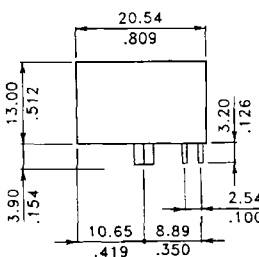
C=15.1mm x (P - 1)

Example: Same as for 6 position jacks.

## Fixed Gang Jacks, 2-12 Ports, 8 Positions (RJ45), Color: Black



PC Board Layout



### Gold Plating Option

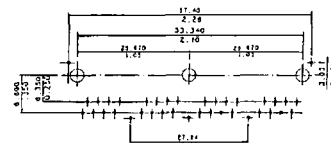
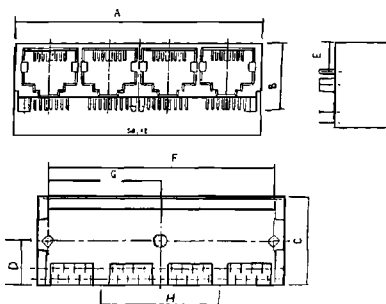
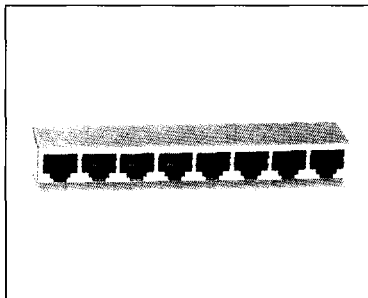
15 Micro Inch Gold - Add 15 after the Part No.

50 Micro Inch Gold - Add 50 after the Part No.

| Part No.            | GJ8P2                 | GJ8P3                 | GJ8P4                 | GJ8P5                 | GJ8P6                 | GJ8P7                  | GJ8P8                  | GJ8P9                  | GJ8P10                 | GJ8P11                 | GJ8P12                 |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| No. of Ports        | 2                     | 3                     | 4                     | 5                     | 6                     | 7                      | 8                      | 9                      | 10                     | 11                     | 12                     |
| Dimension A mm/Inch | <u>30.48</u><br>1.200 | <u>44.45</u><br>1.750 | <u>58.42</u><br>2.300 | <u>72.39</u><br>2.850 | <u>86.39</u><br>3.400 | <u>100.33</u><br>3.950 | <u>114.30</u><br>4.500 | <u>128.37</u><br>5.050 | <u>142.24</u><br>5.600 | <u>156.21</u><br>6.150 | <u>170.18</u><br>6.700 |
| Dimension B mm/Inch | <u>25.40</u><br>1.000 | <u>39.37</u><br>1.550 | <u>53.34</u><br>2.100 | <u>67.31</u><br>2.650 | <u>81.28</u><br>3.200 | <u>95.25</u><br>3.750  | <u>109.22</u><br>4.300 | <u>123.19</u><br>4.850 | <u>137.16</u><br>5.400 | <u>151.13</u><br>5.950 | <u>165.10</u><br>6.500 |
| Dimension C mm/Inch | <u>12.70</u><br>.500  | <u>19.69</u><br>.775  | <u>26.67</u><br>1.050 | <u>33.66</u><br>1.325 | <u>40.64</u><br>1.600 | <u>47.63</u><br>1.875  | <u>54.61</u><br>2.150  | <u>61.60</u><br>2.425  | <u>68.58</u><br>2.700  | <u>75.57</u><br>2.975  | <u>82.56</u><br>3.250  |

# Multi-Port Modular Gang Jacks, PC Board Mount

Shielded, 2 - 12 Ports, 8P8C, RJ45



| DIM      | 2-Port    | 4-Port    | 8-Port    | 12-Port    |
|----------|-----------|-----------|-----------|------------|
| A        | 30.98     | 58.92     | 114.80    | 170.68     |
| mm/Inch  | 1.22      | 2.32      | 4.52      | 6.72       |
| B        | 13.66     | 13.66     | 13.66     | 13.66      |
| mm/Inch  | 1.193     | 1.193     | 1.193     | 1.193      |
| E        | 6.35      | 6.35      | 6.35      | 6.35       |
| mm/Inch  | .250      | .250      | .250      | .250       |
| G        | 12.70     | 26.57     | 54.61     | 82.56      |
| mm/Inch  | .500      | 1.050     | 2.150     | 3.250      |
| Part No. | SGJ8P-2XX | SGJ8P-4XX | SGJ8P-8XX | SGJ8P-12XX |

Use XX for your gold plating requirements

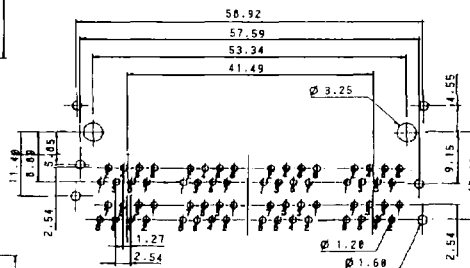
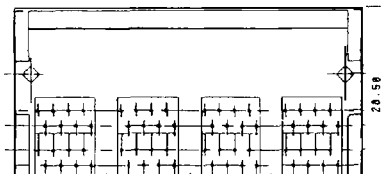
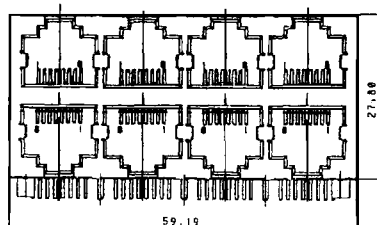
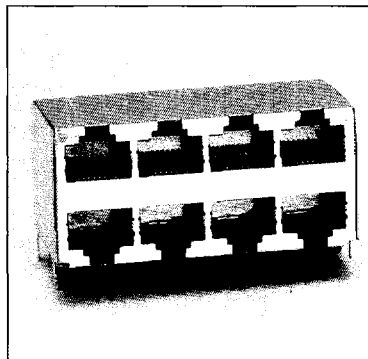
XX=.15=15μ gold

XX=.50=50μ gold

• Tin plating on tail area

• Other μ of gold available per large orders

Double Deck Gang Jack, 8P8C, Shielded



- 8 Position, 8 Contacts
- RJ45 Jacks
- 8 Ports
- Full Shield
- Grounding Tabs
- PCB Mount

| Part No. | Description                                          |
|----------|------------------------------------------------------|
| DDGJS8   | Double Deck Gang Jack, Shielded, 8 Ports, RJ45, 8P8C |

## Material:

Housing: Glass filled polyester UL94-V-O Black  
 Shield: 0.25mm thick copper alloy plated with tin (90μ")  
 Contacts: 0.35mm - 0.45mm phosphor bronze  
 50μ" Selective gold plating over nickel in contact area

## Electrical:

Insulation resistance: 500 M-ohms min.  
 Dielectric withstand voltage: 1000v RMS min 60Hz  
 Current/Voltage: 30V AC/42V DC at 1.5 amps  
 Contact resistance: 30 m-ohms max.

## Mechanical:

Durability: 1000 mating cycles