

# KYCON Modular Jacks



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KYCON

## RIGHT ANGLE MODULAR JACKS

- Snap-In board retention tabs
- Housing Material: PBT Thermoplastic, UL94V-0 rated
- Contact Material: Phosphor Bronze
- Current Rating: 1.5 Amps
- Shield Material: Copper Alloy, Nickel plated

- Insulation Resistance: 500MQ min.
- Dielectric Withstanding Voltage: 1000VAC for 1 minute
- Contact Resistance: 20 mQ max.
- Standard Contact Plating: 15µ in. Gold over Nickel
- 50µ in. Gold plating available upon request



- \* Keyed
- \*\* High Temperature Thermoplastic UL94V-0 Rated

For quantities greater than listed, call for quote.

| MOUSER STOCK NO.                                                                                        |                  | Kycon Part No. | Fig.    | USOC Type | Position/ Contact | Price Each |      |      |     |
|---------------------------------------------------------------------------------------------------------|------------------|----------------|---------|-----------|-------------------|------------|------|------|-----|
|                                                                                                         |                  |                |         |           |                   | 1          | 25   | 100  | 500 |
| .450 in. Height - Black Body, Low Profile                                                               |                  |                |         |           |                   |            |      |      |     |
| 806-GMX-N-44                                                                                            | GMX-N-44         | A              | Handset | 4-4       | 1.10              | 1.08       | .801 | .628 |     |
| 806-GMX-SMT2N-4450                                                                                      | GMX-SMT2-N-44-50 | B              | Handset | 4-4       | 1.38              | 1.28       | .937 | .797 |     |
| 806-GMX-N-64                                                                                            | GMX-N-64         | A              | RJ11    | 6-4       | .67               | .663       | .496 | .382 |     |
| 806-GMX-N-66                                                                                            | GMX-N-66         | A              | RJ12    | 6-6       | 1.66              | 1.56       | 1.16 | .946 |     |
| 806-GMX-N-88                                                                                            | GMX-N-88         | A              | RJ45    | 8-8       | 2.17              | 1.96       | 1.44 | 1.24 |     |
| 806-GMX-N-1010                                                                                          | GMX-N-1010       | A              | RJ45/10 | 10-10     | .81               | .736       | .668 | .611 |     |
| .450 in. Height - Shielded Black Body, Low Profile                                                      |                  |                |         |           |                   |            |      |      |     |
| 806-GMX-S-66                                                                                            | GMX-S-66         | C              | RJ12    | 6-6       | 1.69              | 1.57       | 1.15 | .98  |     |
| 806-GMX-S-88                                                                                            | GMX-S-88         | C              | RJ45    | 8-8       | 1.84              | 1.70       | 1.25 | 1.05 |     |
| 806-GMX-S-1010                                                                                          | GMX-S-1010       | C              | RJ45/10 | 10-10     | 1.39              | 1.23       | 1.10 | .99  |     |
| .450 in. Height - Surface Mount Black Body, High Temp/Reflow Compatible, Low Profile                    |                  |                |         |           |                   |            |      |      |     |
| ** 806-GMX-SMT2-N-64                                                                                    | GMX-SMT2-N-64    | B              | RJ11    | 6-4       | 1.14              | 1.02       | .927 | .838 |     |
| ** 806-GMX-SMT2-N-66                                                                                    | GMX-SMT2-N-66    | B              | RJ12    | 6-6       | 1.34              | 1.23       | .921 | .778 |     |
| ** 806-GMX-SMT2-N-88                                                                                    | GMX-SMT2-N-88    | B              | RJ45    | 8-8       | 1.33              | 1.21       | .902 | .76  |     |
| ** 806-GMX-SMT2-N1010                                                                                   | GMX-SMT2-N-1010  | B              | RJ45/10 | 10-10     | 2.21              | 2.04       | 1.49 | 1.26 |     |
| .450 in. Height - Surface Mount Shielded Black Body, High Temp/Reflow Compatible, Low Profile           |                  |                |         |           |                   |            |      |      |     |
| ** 806-GMX-SMT2-S-66                                                                                    | GMX-SMT2-S-66    | D              | RJ12    | 6-6       | 1.92              | 1.87       | 1.77 | 1.30 |     |
| ** 806-GMX-SMT2-S-88                                                                                    | GMX-SMT2-S-88    | D              | RJ45    | 8-8       | 1.98              | 1.74       | 1.58 | 1.42 |     |
| ** 806-GMX-SMT2S-1010                                                                                   | GMX-SMT2S-1010   | D              | RJ45/10 | 10-10     | 1.84              | 1.63       | 1.44 | 1.30 |     |
| .453 in. Height - Surface Mount Black Body (No Mounting Pegs), High Temp/Reflow Compatible, Low Profile |                  |                |         |           |                   |            |      |      |     |
| ** 806-GMX-SMT4-N-88                                                                                    | GMX-SMT4-N-88    | E              | RJ45    | 8-8       | 2.76              | 2.47       | 1.81 | 1.57 |     |
| .492 in. Height - Black Body                                                                            |                  |                |         |           |                   |            |      |      |     |
| 806-GDLX-N-64                                                                                           | GDLX-N-64        | F              | RJ11    | 6-4       | .60               | .543       | .482 | .441 |     |
| 806-GDLX-N-66                                                                                           | GDLX-N-66        | F              | RJ12    | 6-6       | 1.13              | 1.03       | .763 | .649 |     |
| 806-GDLX-N-88                                                                                           | GDLX-N-88        | F              | RJ45    | 8-8       | 1.06              | .992       | .726 | .613 |     |
| 806-GDLX-N-88K                                                                                          | GDLX-N-88K       | F              | RJ45    | 8-8       | 1.06              | .992       | .726 | .613 |     |
| .492 in. Height - Black Body with Panel Stops                                                           |                  |                |         |           |                   |            |      |      |     |
| 806-GDLX-A-66                                                                                           | GDLX-A-66        | G              | RJ12    | 6-6       | .66               | .606       | .554 | .492 |     |
| 806-GDLX-A-88                                                                                           | GDLX-A-88        | G              | RJ45    | 8-8       | .77               | .695       | .623 | .562 |     |
| .492 in. Height - Shielded Black Body with Panel Stops                                                  |                  |                |         |           |                   |            |      |      |     |
| * 806-GDLX-S-88K                                                                                        | GDLX-S-88K       | G              | RJ45    | 8-8       | .93               | .874       | .791 | .719 |     |
| .570 in. Height - Grey Body                                                                             |                  |                |         |           |                   |            |      |      |     |
| 806-GLX-N-44                                                                                            | GLX-N-44         | H              | Handset | 4-4       | .64               | .567       | .428 | .377 |     |
| 806-GLX-N-66                                                                                            | GLX-N-66         | H              | RJ12    | 6-6       | 1.07              | 1.01       | .792 | .633 |     |
| .570 in. Height - Grey Body with Panel Stops                                                            |                  |                |         |           |                   |            |      |      |     |
| 806-GLX-A-44                                                                                            | GLX-A-44         | I              | Handset | 4-4       | .48               | .436       | .402 | .367 |     |
| 806-GLX-A-64                                                                                            | GLX-A-64         | I              | RJ11    | 6-4       | .57               | .539       | .445 | .363 |     |
| 806-GLX-A-66                                                                                            | GLX-A-66         | I              | RJ12    | 6-6       | .86               | .712       | .586 | .466 |     |
| .570 in. Height - Grey Short Body with Panel Stops                                                      |                  |                |         |           |                   |            |      |      |     |
| 806-GLX-N-44M                                                                                           | GLX-N-44M        | I              | Handset | 4-4       | .78               | .772       | .556 | .447 |     |
| 806-GLX-N-64M                                                                                           | GLX-N-64M        | I              | RJ11    | 6-4       | .85               | .799       | .599 | .46  |     |
| 806-GLX-N-88M                                                                                           | GLX-N-88M        | I              | RJ45    | 8-8       | 2.11              | 2.10       | 1.53 | 1.20 |     |
| .595 in. Height - Black Body with Panel Stops                                                           |                  |                |         |           |                   |            |      |      |     |
| 806-GDX-A-64                                                                                            | GDX-A-64         | J              | RJ11    | 6-4       | .53               | .48        | .438 | .386 |     |
| 806-GDX-A-66                                                                                            | GDX-A-66         | J              | RJ12    | 6-6       | .57               | .501       | .449 | .407 |     |
| 806-GDX-A-88                                                                                            | GDX-A-88         | J              | RJ45    | 8-8       | 1.12              | .949       | .871 | .689 |     |

## LOW PROFILE MID MOUNT MODULAR JACK

- Positions/Contacts: 8

For quantities greater than listed, call for quote.

| MOUSER STOCK NO.   | Kycon Part No. | Fig. | Description    | Plating    | Price Each |      |      |
|--------------------|----------------|------|----------------|------------|------------|------|------|
|                    |                |      |                |            | 1          | 100  | 500  |
| 806-GMJXHT-MM-S-88 | GMJXHT-MM-S-88 | K    | Fully Shielded | 50µ in. Au | 1.68       | 1.55 | 1.14 |

## RJ45 RIGHT ANGLE MODULAR JACKS

- Category 5 100MHz bandwidth performance
- Attenuation at 100MHz less than 0.13db
- Shield Material: Copper Alloy, Nickel plated
- Housing Material: Black PBT Thermoplastic, Glass Filled, UL94V-0 rated
- \* 50µ in. Gold

- Contact Material: Phosphor Bronze
- Current Rating: 1.5A



For quantities greater than listed, call for quote.

| MOUSER STOCK NO.                                                      | Kycon Part No.     | Fig. | No. of Ports | Ground Pin Spacing | Price Each |      |      |
|-----------------------------------------------------------------------|--------------------|------|--------------|--------------------|------------|------|------|
|                                                                       |                    |      |              |                    | 1          | 25   | 100  |
| .515 in. Height - Fully Shielded Body                                 |                    |      |              |                    |            |      |      |
| 806-GSX-NS-8830530                                                    | GSX-NS-88-3.05-30  | L    | 1            | 3.05mm             | 1.54       | 1.45 | 1.03 |
| 806-GSX-NS-8830550                                                    | GSX-NS-88-3.05-50  | L    | 1            | 3.05mm             | 1.89       | 1.75 | 1.28 |
| 806-GSX-NS-88-368                                                     | GSX-NS-88-3.68     | L    | 1            | 3.68mm             | 1.62       | 1.48 | 1.08 |
| .515 in. Height - Fully Shielded Body with Top Ground Tabs            |                    |      |              |                    |            |      |      |
| 806-GSX-NS2-88-305                                                    | GSX-NS2-88-3.05    | M    | 1            | 3.05mm             | 1.88       | 1.74 | 1.29 |
| * 806-GSX-NS28830550                                                  | GSX-NS2-88-3.05-50 | M    | 1            | 3.05mm             | 1.89       | 1.75 | 1.28 |
| .530 in. Height - Black Body Multi-Port                               |                    |      |              |                    |            |      |      |
| 806-GSGX-N-2-88                                                       | GSGX-N-2-88        | N    | 2            | -                  | 2.04       | 1.90 | 1.39 |
| .540 in. Height - Fully Shielded Body Multi-Port with Top Ground Tabs |                    |      |              |                    |            |      |      |
| 806-GSGX-NS-2-88                                                      | GSGX-NS-2-88       | O    | 2            | -                  | 2.88       | 2.66 | 1.95 |
| 806-GSGX-NS2488368                                                    | GSGX-NS2-488-368   | O    | 4            | 3.68mm             | 4.77       | 4.20 | 3.78 |

## GMX RIGHT ANGLE MODULAR JACKS

- Low Profile Design suitable for PC Add-on
- Tab up design for easy insertion/removal of mating plug
- Insulation Resistance: 500MQ
- Voltage Rating: 125VDC

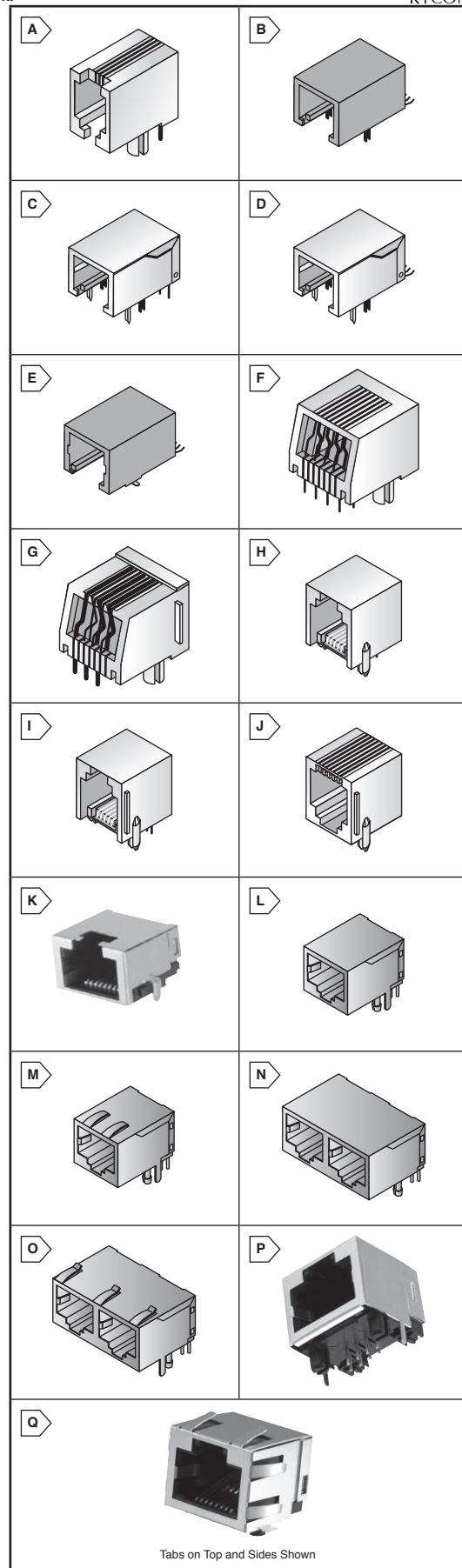
- Contact Resistance: 20mQ max.
- Current Rating: 1.5A
- Position Contact: 8-8

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Kycon Part No. | Fig. | Description                             | Plating    | Price Each |      |      |      |
|------------------|----------------|------|-----------------------------------------|------------|------------|------|------|------|
|                  |                |      |                                         |            | 1          | 25   | 100  | 500  |
| 806-GWX-S-88     | GWX-S-88       | P    | Fully Shielded                          | Au Flash   | 1.56       | 1.47 | 1.40 | 1.30 |
| 806-GWX-S-88-50  | GWX-S-88-50    | P    | Fully Shielded                          | 50µ in. Au | 2.00       | 1.90 | 1.80 | 1.67 |
| 806-GWX-S3-88    | GWX-S3-88      | Q    | Fully Shielded with tabs on top         | Au Flash   | 1.56       | 1.47 | 1.40 | 1.30 |
| 806-GWX-S3-88-50 | GWX-S3-88-50   | Q    | Fully Shielded with tabs on top         | 50µ in. Au | 2.00       | 1.90 | 1.80 | 1.67 |
| 806-GWX-S9-88-50 | GWX-S9-88-50   | Q    | Fully Shielded w/ tabs on top and sides | 50µ in. Au | 2.00       | 1.90 | 1.79 | 1.66 |

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Tabs on Top and Sides Shown