

# KOBICONN Phone Jacks, Iris Connectors, and Phone Plugs

Products may be RoHS compliant. Check mouser.com for RoHS status.

## 1/4" PHONE JACKS

\* With nut and washer where included

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Fig. | Mtg. Hole (In.) | Ckt. Dia. | Description                                | Price Each |      |      |
|------------------|------|-----------------|-----------|--------------------------------------------|------------|------|------|
|                  |      |                 |           |                                            | 1          | 10   | 100  |
| Mono             |      |                 |           |                                            |            |      |      |
| 161-1203-EX      | A    | ---             | 1         | With black strain relief, in-line          | 2.08       | 1.60 | 1.45 |
| * 161-0085-E     | B    | .49             | 2         | With switch, N/C enclosed, chassis mount   | 1.47       | 1.13 | 1.03 |
| 161-1200-EX      | C    | ---             | 1         | Shielded with black strain relief, in-line | 4.33       | 3.33 | 3.03 |
| * 161-MJ159M-EX  | D    | 0.37            | 1         | Open Circuit, Chassis Mount                | 1.61       | 1.24 | 1.13 |
| * 161-MJ160M-EX  | E    | 0.37            | 2         | With Switch, NC, Chassis Mount             | 1.85       | 1.42 | 1.29 |
| Stereo           |      |                 |           |                                            |            |      |      |
| 16PJ226-EX       | F    | ---             | 3         | Open circuit, in-line                      | 1.90       | 1.46 | 1.33 |
| 161-1303-EX      | A    | ---             | 3         | With black strain relief, in-line          | 2.25       | 1.73 | 1.57 |
| * 16PJ509        | G    | .49             | 3         | Open circuit, enclosed, PCB mount          | 3.07       | 2.36 | 2.15 |
| * 161-0087-E     | B    | .49             | 4         | DPDT N/C, chassis mount                    | 2.62       | 2.02 | 1.84 |
| 161-1300-EX      | C    | ---             | 3         | Shielded with black strain relief, in-line | 4.77       | 3.67 | 3.34 |
| 161-MJ161M-EX    | H    | 0.37            | 3         | Open Circuit, Chassis Mount                | 1.85       | 1.42 | 1.29 |

| DC Control Voltage type for Camera Plug | Video Signal Input type for Camera Plug | Plug |
|-----------------------------------------|-----------------------------------------|------|
|                                         |                                         |      |

## IRIS CONNECTORS

### Features:

- Low Power Signal Control
- RoHS Compliant per Kobiconn documentation
- Security Video Cameras

For quantities greater than listed, call for quote.

| MOUSER<br>STOCK NO. | Fig. | Description                             | Price Each |      |      |
|---------------------|------|-----------------------------------------|------------|------|------|
|                     |      |                                         | 1          | 10   | 100  |
| Jacks               |      |                                         |            |      |      |
| 163-156N-1-E        | I    | Snap-In, Front Panel Mount              | 3.41       | 2.62 | 2.38 |
| 163-156N-2-E        | I    | Snap-In, Front Panel Mount for PC Board | 3.41       | 2.62 | 2.38 |
| 163-158N-2-E        | I    | Snap-In, Rear Panel Mount for PC Board  | 3.41       | 2.62 | 2.38 |
| 163-157J-E          | J    | Snap-In, PCB Mount                      | 3.60       | 2.77 | 2.52 |
| Plugs               |      |                                         |            |      |      |
| 163-191J-E          | K    | Camera Plug, 2 pc, Cable Size ø2-4      | 3.74       | 2.88 | 2.62 |

## CUSTOM MOLDING PHONE PLUGS

### Features:

- Nickel plated brass contacts
- Ideal for molding to your cable

For quantities greater than listed, call for quote.

| MOUSER STOCK NO.  | Fig. | Description                                   | Price Each |      |      |      |
|-------------------|------|-----------------------------------------------|------------|------|------|------|
|                   |      |                                               | 1          | 25   | 50   | 100  |
| 171-P3154-L-E     | L    | 3.5mm mono plug, straight or right angle      | .69        | .53  | .48  | .44  |
| 171-3204          | M    | 3.5mm stereo plug, straight or right angle    | 3.76       | 2.89 | 2.63 | 2.39 |
| 171-P6101SL-1S-EX | N    | 1/4" mono plug, high reliability, 2 conductor | 1.34       | .89  | .81  | .74  |
| 171-P6107L-3S-E   | L    | 1/4" mono plug, standard 2 conductor          | .79        | .61  | .55  | .50  |

## 2.5MM PHONE PLUGS

For quantities greater than listed, call for quote.

|                    |   |                                                            |      |      |      |      |
|--------------------|---|------------------------------------------------------------|------|------|------|------|
| <b>Mono</b>        |   |                                                            |      |      |      |      |
| 171-PA2181-1-E     | O | Economy, black plastic handle, unshielded                  | .86  | .66  | .63  | .60  |
| 171-101A-EX        | O | Economy, black plastic handle, unshielded                  | 1.04 | .80  | .73  | .66  |
| 17PP053-EX         | O | Black plastic handle, plastic threaded bushing, unshielded | .78  | .52  | .47  | .43  |
| 171-3304-EX        | P | Plastic threaded bushing, .33" (D) x 1.5" (L), unshielded  | .78  | .52  | .47  | .43  |
| 171-PA2181-2-E     | Q | Shield handle spring strain relief                         | 1.70 | 1.31 | 1.25 | 1.19 |
| 171-0250-EX        | R | Right angle with strain relief                             | 1.04 | .80  | .73  | .66  |
| <b>Stereo</b>      |   |                                                            |      |      |      |      |
| 171-0025-EX        | P | Metal threaded bushing, strain relief                      | 2.60 | 2.00 | 1.82 | 1.65 |
| 171-3306           | S | Spring strain relief, shielded                             | 5.01 | 3.85 | 3.50 | 3.18 |
| 171-PA2281-2-E     | Q | Shield handle w/ spring strain relief and solder terminals | 1.79 | 1.38 | 1.31 | 1.25 |
| 171-3325-EX        | R | Right angle with strain relief                             | 1.85 | 1.42 | 1.29 | 1.17 |
| <b>4 Conductor</b> |   |                                                            |      |      |      |      |
| 171-7425-E         | T | Black plastic handle with strain relief                    | 1.87 | 1.44 | 1.31 | 1.19 |

## 3.5MM PHONE PLUGS

† Insulated sleeve, black strain relief  
For quantities greater than listed, call for quote.

|                    |   |                                                                     |      |      |      |      |
|--------------------|---|---------------------------------------------------------------------|------|------|------|------|
| <b>Mono</b>        |   |                                                                     |      |      |      |      |
| 171-PA3191-1-E     | O | Black plastic handle with metal threaded bushing, unshielded        | .81  | .62  | .59  | .56  |
| 171-3302-EX        | P | Metal threaded bushing, .33"(D)x1.5"(L), unshielded                 | 1.25 | .96  | .87  | .79  |
| 171-3500-E         | O | Black plastic handle w/ threaded metal bushing, unshielded          | 1.25 | .96  | .88  | .80  |
| 171-PA3191-2-E     | Q | Shielded handle spring strain relief                                | 1.70 | 1.31 | 1.25 | 1.19 |
| 171-3200-EX        | U | Black strain relief, insulated sleeve, U.S. tip, shielded           | 2.02 | 1.55 | 1.41 | 1.28 |
| 171-3235-EX        | V | Black strain relief, insulated sleeve, Japan tip, shielded          | 2.02 | 1.55 | 1.41 | 1.28 |
| 171-0350-EX        | N | Right angle with strain relief                                      | 1.04 | .69  | .63  | .57  |
| <b>Stereo</b>      |   |                                                                     |      |      |      |      |
| 171-PA3291-1-E     | O | Black plastic handle with threaded bushing                          | 1.04 | .80  | .76  | .72  |
| 17PP004-EX         | P | Hi-rel, molded, plastic threaded bushing w/ strain relief, unshield | 1.27 | .98  | .89  | .81  |
| † 171-3300-EX      | W | Plastic bushing screw threads, .37" (D) x .98" (L), shielded        | 2.87 | 2.21 | 2.01 | 1.83 |
| † 171-3301-EX      | W | Metal bushing screw threads, .37" (D) x .98" (L), shielded          | 2.87 | 2.21 | 2.01 | 1.83 |
| 171-3308-EX        | X | Black plastic body, right angle, unshielded                         | 1.61 | 1.24 | 1.13 | 1.03 |
| 171-PA3291-2-E     | Q | Shielded handle spring strain relief                                | 1.70 | 1.31 | 1.25 | 1.19 |
| <b>4 Conductor</b> |   |                                                                     |      |      |      |      |
| 171-7435-EX        | Y | Black plastic handle with strain relief                             | 2.60 | 2.00 | 1.82 | 1.65 |
| 171-6435-EX        | Y | Right angle with strain relief                                      | 2.77 | 2.13 | 1.94 | 1.76 |

### Circuit Diagrams

