



# Threaded Coupling

## 881-029R Cable Receptacle, Solder Cup



Series 881 threaded coupling cable receptacle with solder cup contacts for soldering to wires. Thread-on rear adapter allows access to contacts. Install cable shield braid directly to connector with Band-Master Micro band. Three contact sizes are available with current ratings of 5A, 3A and 1A. Aluminum or stainless steel housings and thermoplastic insulators. Ultraminiature SuperFly® connectors are ideal for soldier systems and other applications where reduced size and weight are a must.

| Shell Size and Insert Arrangements |                 |           |          |
|------------------------------------|-----------------|-----------|----------|
| Insert Arrangements                | No. of Contacts |           |          |
|                                    | #23 5A.         | Micro 3A. | Nano 1A. |
| B7N                                | —               | —         | 7        |
| C10N                               | —               | —         | 10       |
| C2M2N                              | —               | 2         | 2        |
| D3M                                | —               | 3         | —        |
| D2W2N                              | 2               | —         | 2        |
| E3W                                | 3               | —         | —        |
| E4M                                | —               | 4         | —        |
| E19N                               | —               | —         | 19       |
| E4M4N                              | —               | 4         | 4        |
| F4W                                | 4               | —         | —        |
| F7M                                | —               | 7         | —        |
| F22N                               | —               | —         | 22       |
| F4M8N                              | —               | 4         | 8        |
| F4W4N                              | 4               | —         | 4        |
| G7W                                | 7               | —         | —        |
| G10M                               | —               | 10        | —        |
| G31N                               | —               | —         | 31       |
| G6M10N                             | —               | 6         | 10       |
| G6M12N                             | —               | 6         | 12       |
| H10W                               | 10              | —         | —        |
| H37N                               | —               | —         | 37       |
| H6W14N                             | 6               | —         | 14       |
| J44N                               | —               | —         | 44       |
| J7W19N                             | 7               | —         | 19       |
| K19M                               | —               | 19        | —        |
| K13M19N                            | —               | 13        | 19       |
| L22M                               | —               | 22        | —        |

First letter of insert arrangement represents connector shell size, as in this example K13M19N

### NOTES

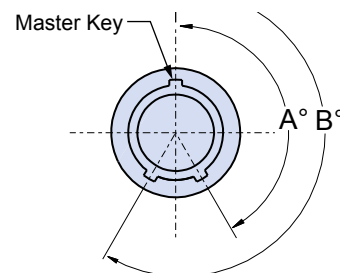
1. See Section A for insert arrangement layouts
2. See Section A for additional finish options

| How To Order                          |                                                                                                                                                                                                                                |          |   |         |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---|---------|
| Sample Part Number                    |                                                                                                                                                                                                                                | 881-029R | A | -B7N -M |
| Series                                | 881-029R                                                                                                                                                                                                                       |          |   |         |
| Insert Style                          | A = Unshrouded Contacts<br>B = Shrouded Contacts are recessed within the insulator                                                                                                                                             |          |   |         |
| Shell Size / Insert Arr. <sup>1</sup> | See Shell Size and Insert Arrangement Table                                                                                                                                                                                    |          |   |         |
| Material/ Finish <sup>2</sup>         | M = Aluminum/electroless nickel RoHS compliant<br>ZR = Aluminum/zinc-nickel, non-reflective with RoHS compliant black chromate<br>MT = Aluminum/nickel-PTFE RoHS compliant<br>ZMT = Stainless steel/nickel-PTFE RoHS compliant |          |   |         |

### MOD-686 POLARIZING OPTIONS

Standard SuperFly® connectors have a single master key. Versions with three keys are also available if alternate key positions are required. Add suffix code 686 to the part number per the following example: 881-018RA-B7N-M-686A

| Plug Alternate Key Positions |      |      |
|------------------------------|------|------|
| Suffix Code                  | A°   | B°   |
| 686A                         | 150° | 210° |
| 686B                         | 75°  | 210° |
| 686C                         | 95°  | 230° |
| 686D                         | 140° | 275° |
| 686E                         | 75°  | 275° |
| 686F                         | 95°  | 210° |



### SUITABLE WIRE RANGES

| Wire Ranges |            |           |
|-------------|------------|-----------|
| 5A (#23)    | 3A (Micro) | 1A (Nano) |
| 22-28 AWG   | 24-30 AWG  | 30-32 AWG |



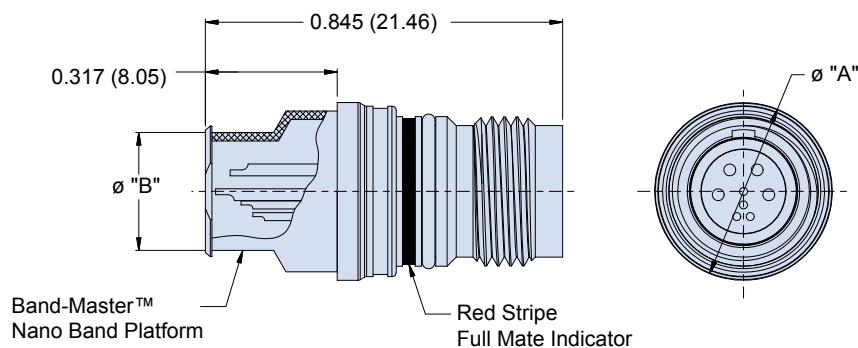
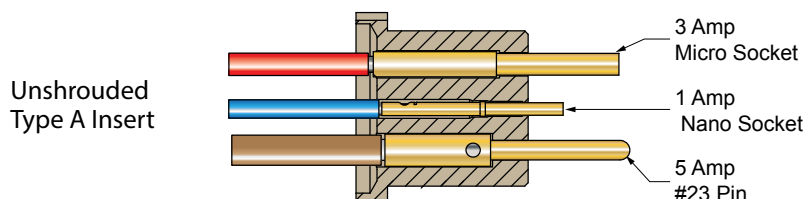
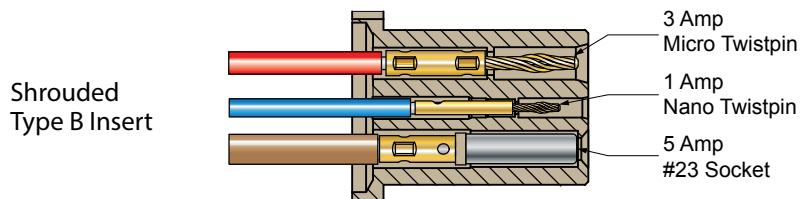
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### ABOUT SHROUDED AND UNSHROUDED SUPERFLY® CONFIGURATIONS

Shrouded contacts are recessed within the insert. Unshrouded contacts extend from the insert face. Shrouded inserts contain 1 amp and 3 amp Twistpin contacts along with 5 amp socket contacts. Unshrouded inserts contain 1 amp and 3 amp sockets and 5 amp pin.



| Dimensions |       |       |        |       |
|------------|-------|-------|--------|-------|
| Shell Size | A Dia |       | B Dia. |       |
|            | In    | mm    | In     | mm    |
| B          | 0.357 | 9.07  | 0.199  | 5.05  |
| C          | 0.377 | 9.58  | 0.224  | 5.69  |
| D          | 0.397 | 10.08 | 0.237  | 6.02  |
| E          | 0.416 | 10.57 | 0.263  | 6.68  |
| F          | 0.436 | 11.07 | 0.282  | 7.16  |
| G          | 0.456 | 11.58 | 0.304  | 7.72  |
| H          | 0.495 | 12.57 | 0.341  | 8.66  |
| J          | 0.535 | 13.59 | 0.369  | 9.37  |
| K          | 0.555 | 14.10 | 0.391  | 9.93  |
| L          | 0.594 | 15.09 | 0.430  | 10.92 |