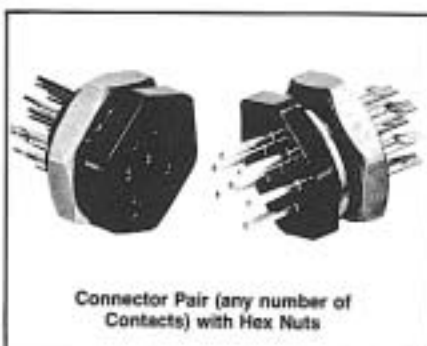


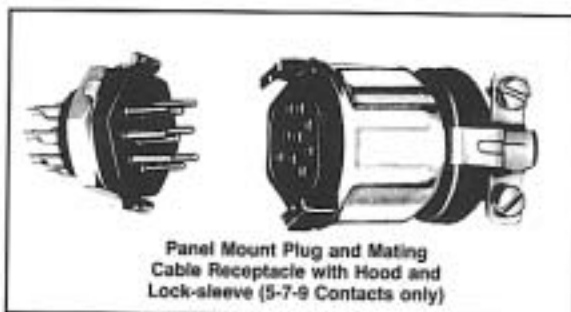
# 126 series miniature hexagonal connectors



4 Contact Connector with Hood  
and Locking Clip #2



Connector Pair (any number of  
Contacts) with Hex Nuts



Panel Mount Plug and Mating  
Cable Receptacle with Hood and  
Lock-sleeve (5-7-9 Contacts only)

WPI miniature hexagonal connectors are available in four contact configurations with a variety of accessories to meet a wide range of applications.

The connectors can be used for rack and panel, cable to cable, and cable to panel connections.

Locking clips are available to prevent unmating caused by vibration or shock.

## Dimensions

**Overall Diameter** –  $\frac{3}{4}$ "

**Mated** –  $1\frac{1}{8}$ " (extended length to the back of the cable clamp)

## Specifications

**Dielectric** — thermoplastic

**Contact size** — #20 (except one #16 on 4 contact insert)

**Wire size** — #20 or smaller

**Temperature range** — -60°C to +125°C  
(-76°F to +257°F)

**Current rating** — 7.5 amps

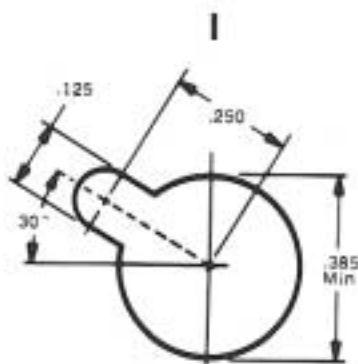
**Voltage rating** — 500 VAC (RMS) at  
Sea Level

**Hardware** — cold rolled steel, nickel  
plated

**Contacts** — copper alloy, gold over  
nickel plate

**Panel thickness** —  $\frac{3}{32}$ " (max)

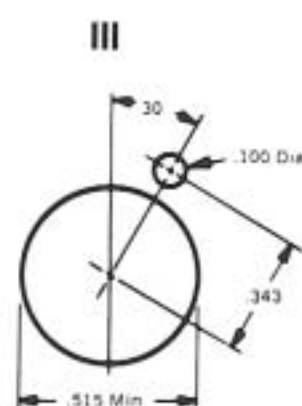
## Mounting Holes



Four-Contact  
126-214, 126-214-1001,  
126-233, 126-215-1002 only



5-7-9 Contact  
Hex Nut Type Without  
Panel Locking Clip



5-7-9 Contact  
Hex Nut Type With  
Panel Locking Clip

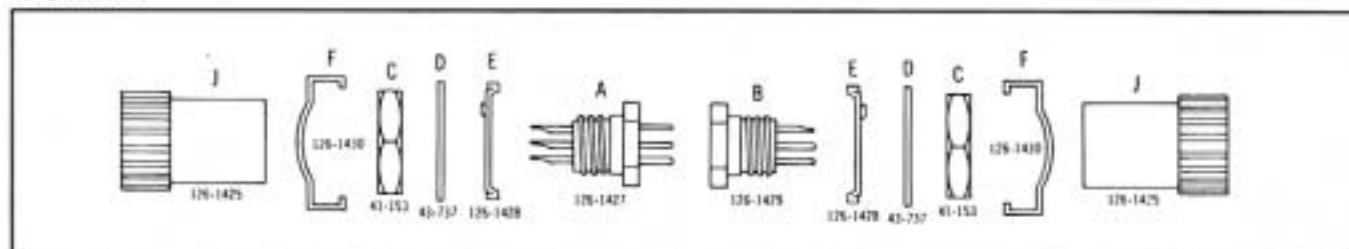
Design specifications subject to change. Consult WPI for the latest specifications.

WPI - Salem Division  
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country code 1

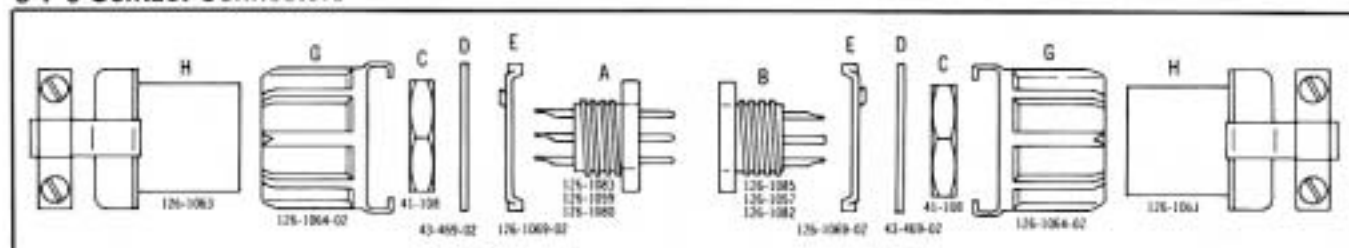


# 126 series connector assemblies

## 4-Contact



## 5-7-9 Contact Connectors



## order information

These connectors can be ordered in any combination to suit your needs. Please refer to the exploded view drawing above to determine the components you require. Note the identification letter. Then order by the WPI part

number indicated along side the desired combination of components and the required number of contacts. For example, a male 5 contact connector with rear hood & cable clamp and lock sleeve requires components A, G and H. In the column for male 5 contact

assemblies, AGH indicates part number 126-217. If you order part #126-217, you will automatically receive all three components. They may also be ordered individually, if you prefer. Simply refer to the individual component part numbers shown below.

## connector assemblies

### 4-Contact

| Key  | MALE Part No.  | Mtg. | Key  | FEMALE Part No. | Mtg. |
|------|----------------|------|------|-----------------|------|
| A    | 126-1427       | —    | B    | 126-1429        | —    |
| AC   | 126-1431 *     | —    | BC   | 126-3815 *      | —    |
| ACD  | 126-1432 *     | —    | BCD  | 126-3816 *      | —    |
| AFJ  | 126-214-1000   | —    | BFJ  | 126-215         | —    |
| ACE  | 126-214        | I    | BCE  | 126-233         | I    |
| ACDE | 126-214-1001 * | I    | BCDE | 126-215-1002 *  | I    |
| AEJ  | 126-214-1002 * | —    | BEJ  | 126-215-1001 *  | —    |

Backshells do not have cable clamps.

### 5-Contact

| Key  | MALE Part No.  | Mtg. | Key  | FEMALE Part No. | Mtg. |
|------|----------------|------|------|-----------------|------|
| A    | 126-1083       | —    | B    | 126-1085        | —    |
| AC   | 126-010        | II   | BC   | 126-011         | II   |
| ACD  | 126-010-1000 * | II   | BCD  | 126-011-1000 *  | II   |
| AGH  | 126-217        | —    | BGH  | 126-223         | —    |
| ACE  | 126-216        | III  | BCE  | 126-218         | III  |
| ACDE | 126-216-1000 * | III  | BCDE | 126-218-1000 *  | III  |
| AEH  | 126-217-1000 * | —    | BEH  | 126-223-1000 *  | —    |

\*Non-stocking item — Consult factory for delivery.



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# 126 series connector assemblies (cont.)

## parts

### 4-Contact Connector

| Description            | Part No. | Item Key |
|------------------------|----------|----------|
| Basic Male Connector   | 126-1427 | A        |
| Basic Female Connector | 126-1429 | B        |
| Hex Nut                | 41-153   | C        |
| Lockwasher             | 43-737   | D        |
| Clip #1                | 126-1428 | E        |
| Clip #2                | 126-1430 | F        |
| Hood                   | 126-1425 | J        |

### 7-Contact

| Key  | MALE Part No.  | Mtg. | Key  | FEMALE Part No. | Mtg. |
|------|----------------|------|------|-----------------|------|
| A    | 126-1059       | —    | B    | 126-1057        | —    |
| AC   | 126-191        | II   | BC   | 126-192         | II   |
| ACD  | 126-191-1000 * | II   | BCD  | 126-192-1001 *  | II   |
| AGH  | 126-195        | —    | BGH  | 126-196         | —    |
| ACE  | 126-197        | III  | BCE  | 126-198         | III  |
| ACDE | 126-197-1000 * | III  | BCDE | 126-198-1003 *  | III  |
| AEH  | 126-195-1002 * | —    | BEH  | 126-196-1000 *  | —    |

### 9-Contact

| Key  | MALE Part No.  | Mtg. | Key  | FEMALE Part No. | Mtg. |
|------|----------------|------|------|-----------------|------|
| A    | 126-1080       | —    | B    | 126-1082        | —    |
| AC   | 126-012        | II   | BC   | 126-013         | II   |
| ACD  | 126-012-1000 * | II   | BCD  | 126-013-1000 *  | II   |
| AGH  | 126-220        | —    | BGH  | 126-222         | —    |
| ACE  | 126-219        | III  | BCE  | 126-221         | III  |
| ACDE | 126-219-1000 * | III  | BCDE | 126-221-1000 *  | III  |
| AEH  | 126-220-1000 * | —    | BEH  | 126-221-1001 *  | —    |

### 5-7-9-Contact Connectors

| Description                      | Part No.    | Item Key |
|----------------------------------|-------------|----------|
| 5-contact Basic Male Connector   | 126-1083    | A        |
| 5-contact Basic Female Connector | 126-1085    | B        |
| 7-contact Basic Male Connector   | 126-1059    | A        |
| 7-contact Basic Female Connector | 126-1057    | B        |
| 9-contact Basic Male Connector   | 126-1080    | A        |
| 9-contact Basic Female Connector | 126-1082    | B        |
| Hex Nut                          | 41-108      | C        |
| Lock washer                      | 43-469-02   | D        |
| Clip                             | 126-1069-02 | E        |
| Locksleeve                       | 126-1064-02 | G        |
| Hood & Cable Clamp               | 126-1063    | H        |

\*Non-stocking item — Consult factory for delivery.

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