a PennEngineering® Company





## Heyco® Male Pins

For mating Female Pin & Connectors, see pages 8-47 thru 8-49

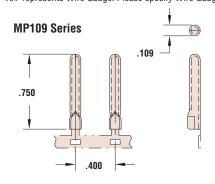
| PART DATA          |                          |              |                 | PART NO.     | APPLICATION TOOLING* |               |               |                |       |
|--------------------|--------------------------|--------------|-----------------|--------------|----------------------|---------------|---------------|----------------|-------|
| <b>Dia.</b><br>in. | Overall<br>Length<br>in. | AWG<br>Range | Material        |              | Die**                | Feeds         | Tool<br>Packs | Crimp<br>Punch | Anvil |
| MP075 Series       |                          |              |                 |              |                      |               |               |                |       |
| .075               | 1.00                     | 20-18        | Brass           | 7010         | 7010UXX5             | Left to Right | B300L/B301L   | C229           | C231  |
| MP089 Series       |                          |              |                 |              |                      |               |               |                |       |
| .089               | .75                      | 20-18        | Brass<br>Tin-Pl | 7012<br>7013 | 7012UXX5<br>7013UXX5 | Left to Right | B300L/B301L   | C229           | C231  |
|                    |                          |              | Post-Silver     | 7011         | 7011UXX5             |               |               |                |       |
| MP093 Series       |                          |              |                 |              |                      |               |               |                |       |
| .093               | .63                      | 20-18        | Brass<br>Tin-Pl | 7002<br>7003 | 7002UXX5<br>7003UXX5 | Left to Right | B300L/B301L   | C229           | C231  |
|                    | .75                      | 20-18        | Brass<br>Tin-Pl | 7000<br>7001 | 7000UXX5<br>7001UXX5 |               |               |                |       |
|                    | 1.00                     | 20-18        | Tin-Pl          | 7004         | 7004UXX5             |               |               |                |       |
|                    | .75                      | 16-14        | Brass<br>Tin-Pl | 7008<br>7009 | 7008UXX5<br>7009UXX5 | Left to Right | B304L/B305L   | C230           | C232  |
| MP109 Series       |                          |              |                 |              |                      |               |               |                |       |
| .109               | .63                      | 20-18        | Brass<br>Tin-Pl | 7032<br>7033 | 7032UXX5<br>7033UXX5 | Left to Right | B300L/B301L   | C229           | C231  |
|                    | .75                      | 20-18        | Brass<br>Tin-Pl | 7030<br>7031 | 7030UXX5<br>7031UXX5 |               |               |                |       |
|                    | 1.00                     | 20-18        | Brass<br>Tin-Pl | 7034<br>7035 | 7034UXX5<br>7035UXX5 |               |               |                |       |
|                    | .63                      | 16-14        | Brass<br>Tin-Pl | 7049<br>7050 | 7049UXX5<br>7050UXX5 | Left to Right | B304L/B305L   | C230           | C232  |
|                    | .75                      | 16-14        | Brass<br>Tin-Pl | 7047<br>7048 | 7047UXX5<br>7048UXX5 | Lott to Hight | DOUTE/ DOUGE  | 0200           | 0202  |
| MP122 Serie        |                          |              |                 |              |                      |               |               |                |       |

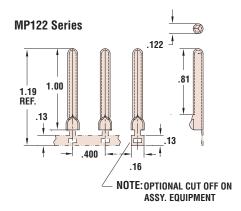
\* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59. Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.

7055

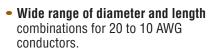
\*\* "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

16-14 Tin-PI



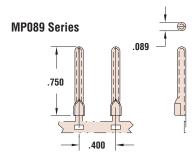


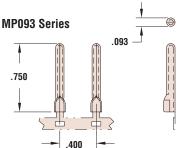
B304L/B305L C230 C232



- Folded Pin design saves material, reduces cost.
- Hole behind crimp provides added strain relief, or can be cut-off on Assembly Equipment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.

| <ul> <li>DFARS Compliant</li> </ul> |      |  |  |  |  |
|-------------------------------------|------|--|--|--|--|
| MP075 Series                        | .075 |  |  |  |  |
| .750                                |      |  |  |  |  |
| <b>→</b> 400 <b>→</b>               |      |  |  |  |  |





Materials

.122

1.00

Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-PI = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping

7055UXX5 Left to Right