



ARB, ATHD and DuraMate™ Series

Size 8 Contact & Tooling Options

Contacts - Machined

| Part Number       | Type   | Style    | Contact Size | Amp | Wire Range (AWG) | Wire Range (mm²) | Insulation OD (mm) | Plating       | Reel Size | Packaging |
|-------------------|--------|----------|--------------|-----|------------------|------------------|--------------------|---------------|-----------|-----------|
| AT60-204-08141-16 | Pin    | Machined | Size 8       | 60A | 6AWG             | -                | -                  | Nickel-Plated | -         | -         |
| AT60-204-08141    | Pin    | Machined | Size 8       | 60A | 8-10AWG          | -                | -                  | Nickel-Plated | -         | -         |
| AT62-203-08141-16 | Socket | Machined | Size 8       | 60A | 6AWG             | -                | -                  | Nickel-Plated | -         | -         |
| AT62-203-08141    | Socket | Machined | Size 8       | 60A | 8-10AWG          | -                | -                  | Nickel-Plated | -         | -         |
|                   |        |          |              |     |                  |                  |                    |               |           |           |

Tooling

| Part Number | Tool Name                                  | Style    | Contact Size    | Wire Range (AWG) | Material | Color  |
|-------------|--------------------------------------------|----------|-----------------|------------------|----------|--------|
| 96-978-22   | Crimper and Die                            | Machined | Size 3.6mm-10mm | 10mm²-185mm²     | n/a      | n/a    |
| AT114008    | Contact Extraction Tool                    | Machined | Size 8          | 8-10AWG          | Plastic  | Green  |
| WA23        | Pneumatic Crimp Tool                       | Machined | -               | 8-0000AWG        | -        | -      |
| WA23-2      | WA23 Die Assembly for Pneumatic Crimp Tool | Machined | Size 8          | 8AWG             | n/a      | Silver |
| WA23-3      | WA23 Die Assembly for Pneumatic Crimp Tool | Machined | Size 6          | 6AWG             | n/a      | n/a    |
| WA23-10     | WA23 Locator for Pneumatic Crimp Tool      | Machined | Size 6          | 6AWG             | n/a      | Blue   |

AHD, ARB, ATP, ATHD, DuraMate™ and PanelMate™ Series  
Size 12 Contact & Tooling Options

Contacts - Machined

| Part Number        | Type   | Style    | Contact Size | Amp | Wire Range (AWG) | Wire Range (mm²) | Insulation OD (mm) | Plating       | Reel Size | Packaging |
|--------------------|--------|----------|--------------|-----|------------------|------------------|--------------------|---------------|-----------|-----------|
| AT60-204-12141-10  | Pin    | Machined | Size 12      | 25A | 10-12AWG         | -                | -                  | Nickel-Plated | -         | -         |
| AT60-204-12141     | Pin    | Machined | Size 12      | 25A | 12-14AWG         | -                | -                  | Nickel-Plated | -         | -         |
| AT60-220-1231      | Pin    | Machined | Size 12      | 25A | 12-14AWG         | -                | -                  | Gold-Plated   | -         | -         |
| AT60-204-12NKIT    | Pin    | Machined | Size 12      | 25A | 12-14AWG         | -                | -                  | Nickel-Plated | -         | -         |
| AT60-220-1231-1618 | Pin    | Machined | Size 12      | 25A | 16-18AWG         | -                | -                  | Gold-Plated   | -         | -         |
| AT60-220-1231-1820 | Pin    | Machined | Size 12      | 25A | 18-20AWG         | -                | -                  | Gold-Plated   | -         | -         |
| AT62-203-12141-10  | Socket | Machined | Size 12      | 25A | 10-12AWG         | -                | -                  | Nickel-Plated | -         | -         |
| AT62-203-12141     | Socket | Machined | Size 12      | 25A | 12-14AWG         | -                | -                  | Nickel-Plated | -         | -         |
| AT62-203-12NKIT    | Socket | Machined | Size 12      | 25A | 12-14AWG         | -                | -                  | Nickel-Plated | -         | -         |
| AT62-210-1231      | Socket | Machined | Size 12      | 25A | 12-14AWG         | -                | -                  | Gold-Plated   | -         | -         |
| AT62-210-1231-1618 | Socket | Machined | Size 12      | 25A | 16-18AWG         | -                | -                  | Gold-Plated   | -         | -         |
| AT62-210-1231-1820 | Socket | Machined | Size 12      | 25A | 18-20AWG         | -                | -                  | Gold-Plated   | -         | -         |
|                    |        |          |              |     |                  |                  |                    |               |           |           |

Contacts - Stamped & Formed

|                 |        |     |         |     |          |            |               |               |   |             |
|-----------------|--------|-----|---------|-----|----------|------------|---------------|---------------|---|-------------|
| AT60-12-0222    | Pin    | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm² | 3.56 - 5.18mm | Nickel-Plated | - | -           |
| AT60-12-0222-LP | Pin    | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm² | 3.56 - 5.18mm | Nickel-Plated | - | Loose Piece |
| AT60-12-0244    | Pin    | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm² | 3.56 - 5.18mm | Gold-Plated   | - | -           |
| AT60-12-0244-LP | Pin    | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm² | 3.56 - 5.18mm | Gold-Plated   | - | Loose Piece |
| AT60-12-0144    | Pin    | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm² | 2.87 - 4.47mm | Gold-Plated   | - | -           |
| AT60-12-0144-LP | Pin    | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm² | 2.87 - 4.47mm | Gold-Plated   | - | Loose Piece |
| AT60-12-0166    | Pin    | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm² | 2.87 - 4.47mm | Nickel-Plated | - | -           |
| AT60-12-0166-LP | Pin    | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm² | 2.87 - 4.47mm | Nickel-Plated | - | Loose Piece |
| AT62-12-0222    | Socket | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm² | 3.56 - 5.18mm | Nickel-Plated | - | -           |
| AT62-12-0222-LP | Socket | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm² | 3.56 - 5.18mm | Nickel-Plated | - | Loose Piece |
| AT62-12-0244    | Socket | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm² | 3.56 - 5.18mm | Gold-Plated   | - | -           |
| AT62-12-0244-LP | Socket | S&F | Size 12 | 25A | 10-12AWG | 6.0-4.0mm² | 3.56 - 5.18mm | Gold-Plated   | - | Loose Piece |
| AT62-12-0144    | Socket | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm² | 2.87 - 4.47mm | Gold-Plated   | - | -           |
| AT62-12-0144-LP | Socket | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm² | 2.87 - 4.47mm | Gold-Plated   | - | Loose Piece |
| AT62-12-0166    | Socket | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm² | 2.87 - 4.47mm | Nickel-Plated | - | -           |
| AT62-12-0166-LP | Socket | S&F | Size 12 | 25A | 12-14AWG | 4.0-2.0mm² | 2.87 - 4.47mm | Nickel-Plated | - | Loose Piece |
|                 |        |     |         |     |          |            |               |               |   |             |

Tooling

| Part Number | Tool Name                                      | Style    | Contact Size  | Wire Range (AWG) | Material | Color |
|-------------|------------------------------------------------|----------|---------------|------------------|----------|-------|
| MFX-3966    | Contact Locator for Hand Crimp Tool M300-25A   | Machined | Size 12       | 10AWG            | -        | -     |
| AUTK-12     | Hand Crimp Tool                                | Machined | Size 12       | 10-18AWG         | -        | -     |
| M300-25A    | Hand Crimp Tool w MFX-3966 Locator             | Machined | Size 12       | 10-18AWG         | -        | -     |
| CA-5E12     | Pneumatic Crimp Tool                           | Machined | Size 12/16/20 | 12-26AWG         | -        | -     |
| CA-5D12     | Universal Hand Crimp Tool                      | Machined | Size 12/16/20 | 12-26AWG         | -        | -     |
| AUTK-100    | Universal Heavy Duty Contact Crimping Tool Kit | Machined | Size 12/16/20 | 12-26AWG         | -        | -     |

AHD, ARB, ATP, ATHD, DuraMate™ and PanelMate™ Series  
Size 12 Contact & Tooling Options, cont.

Tooling, cont.

| Part Number     | Tool Name                             | Style     | Contact Size | Wire Range (AWG) | Material      | Color  |
|-----------------|---------------------------------------|-----------|--------------|------------------|---------------|--------|
| MTX-3973-G or K | Crimp Die Press Applicator            | S&F       | Size 12      | 12AWG            | -             | -      |
| MTX-3985-G or K | Crimp Die Press Applicator            | S&F       | Size 12      | 10-12AWG         | -             | -      |
| ATT-12-00       | Hand Crimp Tool                       | S&F       | Size 12      | 12-14AWG         | -             | -      |
| ATT-12-01       | Hand Crimp Tool                       | S&F       | Size 12      | 10AWG            | -             | -      |
| ATRT-100        | Contact and Wedgelock Extraction Tool | Universal | Universal    | -                | Steel         | Silver |
| AT11-337-1205   | Contact Extraction Tool               | Universal | Size 12      | -                | Plastic       | Orange |
| A114017         | Seal Plug                             | Universal | Size 12/16   | -                | Thermoplastic | White  |
|                 |                                       |           |              |                  |               |        |

# AT, ATV, AHD, ARB, ARC, DuraMate™ and PanelMate™ Series

## Size 16 Contact & Tooling Options

### Contacts - Machined

| Part Number       | Type   | Style    | Contact Size | Amp | Wire Range (AWG) | Wire Range (mm <sup>2</sup> ) | Insulation OD (mm) | Plating       | Reel Size | Packaging |
|-------------------|--------|----------|--------------|-----|------------------|-------------------------------|--------------------|---------------|-----------|-----------|
| AT60-215-16141    | Pin    | Machined | Size 16      | 13A | 14AWG            | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-215-1631     | Pin    | Machined | Size 16      | 13A | 14AWG            | -                             | -                  | Gold-Plated   | -         | -         |
| AT60-202-16NKIT   | Pin    | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-202-16141    | Pin    | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-202-1631     | Pin    | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT60-202-16141-22 | Pin    | Machined | Size 16      | 13A | 22-24AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT60-202-1631-22  | Pin    | Machined | Size 16      | 13A | 22-24AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-209-16141    | Socket | Machined | Size 16      | 13A | 14AWG            | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-209-1631     | Socket | Machined | Size 16      | 13A | 14AWG            | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-201-16NKIT   | Socket | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-201-16141    | Socket | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-201-1631     | Socket | Machined | Size 16      | 13A | 16-20AWG         | -                             | -                  | Gold-Plated   | -         | -         |
| AT62-201-16141-22 | Socket | Machined | Size 16      | 13A | 22-24AWG         | -                             | -                  | Nickel-Plated | -         | -         |
| AT62-201-1631-22  | Socket | Machined | Size 16      | 13A | 22-24AWG         | -                             | -                  | Gold-Plated   | -         | -         |
|                   |        |          |              |     |                  |                               |                    |               |           |           |

### Contacts - Stamped & Formed

|                 |        |     |         |     |          |                         |               |               |       |             |
|-----------------|--------|-----|---------|-----|----------|-------------------------|---------------|---------------|-------|-------------|
| AT60-14-0122    | Pin    | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Nickel-Plated | -     | -           |
| AT60-14-0122-LP | Pin    | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Nickel-Plated | -     | Loose Piece |
| AT60-14-0144    | Pin    | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Gold-Plated   | -     | -           |
| AT60-14-0144-LP | Pin    | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Gold-Plated   | -     | Loose Piece |
| AT60-16-0122    | Pin    | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Nickel-Plated | -     | -           |
| AT60-16-0122-LP | Pin    | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Nickel-Plated | -     | Loose Piece |
| AT60-16-0144    | Pin    | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Gold-Plated   | -     | -           |
| AT60-16-0144-LP | Pin    | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Gold-Plated   | -     | Loose Piece |
| AT60-16-0622    | Pin    | S&F | Size 16 | 13A | 16-20AWG | 1.0-0.5mm <sup>2</sup>  | 1.40 - 2.54mm | Nickel-Plated | -     | -           |
| AT60-16-0622-LP | Pin    | S&F | Size 16 | 13A | 16-20AWG | 1.0-0.5mm <sup>2</sup>  | 1.40 - 2.54mm | Nickel-Plated | -     | Loose Piece |
| AT60-16-0644    | Pin    | S&F | Size 16 | 13A | 16-20AWG | 1.0-0.5mm <sup>2</sup>  | 1.40 - 2.54mm | Gold-Plated   | -     | -           |
| AT60-16-0644-LP | Pin    | S&F | Size 16 | 13A | 16-20AWG | 1.0-0.5mm <sup>2</sup>  | 1.40 - 2.54mm | Gold-Plated   | -     | Loose Piece |
| AT60-16-0322    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Nickel-Plated | -     | -           |
| AT60-16-0344    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Gold-Plated   | -     | -           |
| AT60-16-0377    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Tin-Plated    | -     | -           |
| AT60-16-0822    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Nickel-Plated | 4,000 | -           |
| AT60-16-0844    | Pin    | S&F | Size 16 | 13A | 20-22AWG | 0.5-0.35mm <sup>2</sup> | 1.31 - 1.50mm | Gold-Plated   | 4,000 | -           |
| AT62-14-0122    | Socket | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Nickel-Plated | -     | -           |
| AT62-14-0122-LP | Socket | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Nickel-Plated | -     | Loose Piece |
| AT62-14-0144    | Socket | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Gold-Plated   | -     | -           |
| AT62-14-0144-LP | Socket | S&F | Size 16 | 13A | 14-18AWG | 2.0-0.75mm <sup>2</sup> | 2.40 - 3.81mm | Gold-Plated   | -     | Loose Piece |
| AT62-16-0122    | Socket | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Nickel-Plated | -     | -           |
| AT62-16-0122-LP | Socket | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Nickel-Plated | -     | Loose Piece |
| AT62-16-0144    | Socket | S&F | Size 16 | 13A | 16-18AWG | 1.5-0.75mm <sup>2</sup> | 1.91 - 3.55mm | Gold-Plated   | -     | -           |

# AT, ATV, AHD, ARB, ARC, DuraMate™ and PanelMate™ Series

## Size 16 Contact & Tooling Options, cont.

Contacts - Stamped & Formed, cont.

| Part Number     | Type   | Style | Contact Size | Amp | Wire Range (AWG) | Wire Range (mm²) | Insulation OD (mm) | Plating       | Reel Size | Packaging   |
|-----------------|--------|-------|--------------|-----|------------------|------------------|--------------------|---------------|-----------|-------------|
| AT62-16-0144-LP | Socket | S&F   | Size 16      | 13A | 16-18AWG         | 1.5-0.75mm²      | 1.91 - 3.55mm      | Gold-Plated   | -         | Loose Piece |
| AT62-16-0622    | Socket | S&F   | Size 16      | 13A | 16-20AWG         | 1.0-0.5mm²       | 1.40 - 2.54mm      | Nickel-Plated | -         | -           |
| AT62-16-0622-LP | Socket | S&F   | Size 16      | 13A | 16-20AWG         | 1.0-0.5mm²       | 1.40 - 2.54mm      | Nickel-Plated | -         | Loose Piece |
| AT62-16-0644    | Socket | S&F   | Size 16      | 13A | 18-20AWG         | 1.0-0.5mm²       | 1.40 - 2.54mm      | Gold-Plated   | -         | -           |
| AT62-16-0644-LP | Socket | S&F   | Size 16      | 13A | 18-20AWG         | 1.0-0.5mm²       | 1.40 - 2.54mm      | Gold-Plated   | -         | Loose Piece |
| AT62-16-0822    | Socket | S&F   | Size 16      | 13A | 20-22AWG         | 0.5-0.35mm²      | 1.31 - 1.50mm      | Nickel-Plated | 4,000     | -           |
| AT62-16-0844    | Socket | S&F   | Size 16      | 13A | 20-22AWG         | 0.5-0.35mm²      | 1.31 - 1.50mm      | Gold-Plated   | 4,000     | -           |
|                 |        |       |              |     |                  |                  |                    |               |           |             |

Tooling

| Part Number      | Tool Name                                      | Style     | Contact Size  | Wire Range (AWG) | Material      | Color   |
|------------------|------------------------------------------------|-----------|---------------|------------------|---------------|---------|
| AUTK-16          | Hand Crimp Tool                                | Machined  | Size 16       | -                | -             | -       |
| AUTK-100         | Universal Heavy Duty Contact Crimping Tool Kit | Machined  | Size 12/16/20 | 12-26AWG         | -             | -       |
| CA-5D12          | Universal Hand Crimp Tool                      | Machined  | Size 12/16/20 | 12-26AWG         | -             | -       |
| CA-5E12          | Pneumatic Crimp Tool                           | Machined  | Size 12/16/20 | 12-26AWG         | -             | -       |
| MF3-3950-G or K  | Crimp Die Press Applicator                     | S&F       | Size 16       | 18-20AWG         | -             | -       |
| MF3-3953-G or K  | Crimp Die Press Applicator                     | S&F       | Size 16       | 16-18AWG         | -             | -       |
| MF3-3975-G or K  | Crimp Die Press Applicator                     | S&F       | Size 16       | 14-16AWG         | -             | -       |
| MF3-3990         | Crimp Die                                      | S&F       | Size 16       | 20-22AWG         | -             | -       |
| ATT-16-00        | Hand Crimp Tool                                | S&F       | Size 16       | 14-16AWG         | -             | -       |
| ATT-16-01        | Hand Crimp Tool                                | S&F       | Size 16       | 18-20AWG         | -             | -       |
| ATT-1612-03      | Hand Crimp Tool                                | S&F       | Size 12/16    | 20-22AWG         | -             | -       |
| ATRT-100         | Contact and Wedgelock Extraction Tool          | Universal | Universal     | -                | Steel         | Silver  |
| AT11-310-1605    | Contact Extraction Tool                        | Universal | Size 16       | -                | Plastic       | Lt Blue |
| A114017          | Seal Plug                                      | Universal | Size 12/16    | -                | Thermoplastic | White   |
| A114017-SR       | Seal Plug                                      | Universal | Size 16       | -                | Thermoplastic | Black   |
| AT13-217-1605    | Locking Seal Plug                              | Universal | Size 16       | -                | Thermoplastic | Grey    |
| AT13-217-1605-SR | Locking Seal Plug                              | Universal | Size 16       | -                | Thermoplastic | Red     |
|                  |                                                |           |               |                  |               |         |