

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

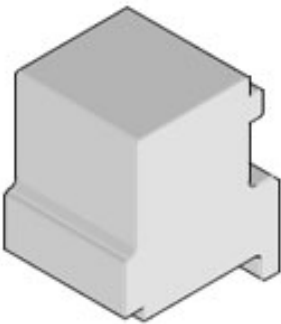
**Part Number:** [0622018677](#)  
**Status:** **Active**  
**Overview:** [Application Tooling](#)  
**Description:** Press-In Tool for Daughter Card Module

**Documents:**  
[RoHS Certificate of Compliance \(PDF\)](#)

| General                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family                 | Application Tooling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Series                         | <a href="#">207123</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Comments                       | See Tooling Specification (PDF) Above                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Function                       | Insertion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Geographic Area                | Global                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Level of Automation            | Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| More Detailed Tech Information | <a href="mailto:applicationtooling@molex.com">applicationtooling@molex.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Overview                       | <a href="#">Application Tooling</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Name                   | PremiumGrade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tool Type                      | Press-Fit Insertion Tool                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UPC                            | 883906297213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Warranty Disclaimer            | CAUTION: Molex tooling crimp specifications are valid only when used with Molex terminals and tooling manufactured by Molex and sold by Molex or authorized distributors ("Molex Tooling"). When using tooling other than Molex Tooling with Molex specific connector systems listed in our ATS documents, the Molex tooling qualification does not apply and the responsibility for full qualification of the connector system is that of the customer. Molex accepts no liability for connector performance or tooling support where tooling other than Molex Tooling is used or where Molex Tooling is modified. |

Material Info

**Reference - Drawing Numbers**  
Application Tooling Documents      ATS-622018677, TM-622018799



Series image - Reference only

|                                                                                                                                           |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                      |                   |
| <b>EU RoHS</b><br><b>Not Reviewed</b><br><b>REACH SVHC</b><br>Not Reviewed<br><b>Halogen-Free</b><br><b>Status</b><br><b>Not Relevant</b> | <b>China RoHS</b> |
| For more information, please visit <a href="#">Contact US</a>                                                                             |                   |
| China ROHS                                                                                                                                | Not Relevant      |
| ELV                                                                                                                                       | Not Relevant      |
| RoHS Phthalates                                                                                                                           | Not Reviewed      |

**Search Parts in this Series**  
[207123](#) Series

**Use With**  
Impact Daughtercard Signal Module  
Assembly [76160](#)

| Application Tooling Description                                                                                                           | FAQ Product #              |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Impact 85 Ohm Plus 4 Pair, Right-Angle Daughtercard, Unguided, 8 Columns, 96 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free    | <a href="#">1703401038</a> |
| Impact 85 Ohm Plus 4 Pair, Right-Angle Daughtercard, Left Guided, 8 Columns, 96 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free | <a href="#">1703403038</a> |
| Impact 85 Ohm Plus 4 Pair, Right-                                                                                                         | <a href="#">1703405038</a> |

Angle Daughtercard,  
Right Guided, 8  
Columns, 96 Circuits,  
Plated Through Hole  
Dimension 0.39mm,  
Lead Free  
Impact 100 Ohm     761601008  
4 Pair Right-Angle  
Daughtercard  
Receptacle,  
Unguided, 8  
Columns, 96 Circuits,  
Plated Through Hole  
Dimension 0.46mm,  
Lead-Free  
Impact 100 Ohm     761601038  
4 Pair Right-Angle  
Daughtercard  
Receptacle,  
Unguided, 8  
Columns, 96 Circuits,  
Plated Through Hole  
Dimension 0.39mm,  
Lead-Free  
Impact 100 Ohm     761603008  
4 Pair Right-Angle  
Daughtercard  
Receptacle, Left  
Guided, 8 Columns,  
96 Circuits, Plated  
Through Hole  
Dimension 0.46mm,  
Lead-Free  
Impact 100 Ohm     761603038  
4 Pair Right-Angle  
Daughtercard  
Receptacle, Left  
Guided, 8 Columns,  
96 Circuits, Plated  
Through Hole  
Dimension 0.39mm,  
Lead-Free  
Impact 100 Ohm     761605008  
4 Pair Right-Angle  
Daughtercard  
Receptacle, Right  
Guided, 8 Columns,  
96 Circuits, Plated  
Through Hole  
Dimension 0.46mm,  
Lead-Free  
Impact 100 Ohm     761605038  
4 Pair Right-Angle  
Daughtercard  
Receptacle, Right  
Guided, 8 Columns,  
96 Circuits, Plated  
Through Hole  
Dimension 0.39mm,  
Lead-Free  
Impact 100 Ohm     765001805  
4 Pair RAM Right-  
Angle Header,  
Unguided, Open  
Endwall, 8 Columns,

96 Circuits, Pin  
Length 5.50mm,  
Plated Through Hole  
Dimension 0.46mm,  
Lead Free

|                |                  |
|----------------|------------------|
| Impact 100 Ohm | <u>765001807</u> |
|----------------|------------------|

4 Pair RAM Right-Angle Header,

Unguided, Open  
Endwall, 8 Columns,

96 Circuits, Pin  
Length 4.90mm,

Plated Through Hole  
Dimension 0.39mm,

Lead-Free  
Impact 100 Ohm

4 Pair RAM Right-

Angle Header,  
Unguided, Open

Endwall, 8 Columns,  
96 Circuits, Pin

Length 5.50mm,  
Plated Through Hole

Dimension 0.39mm,  
Lead Free

|                |                  |
|----------------|------------------|
| Impact 100 Ohm | <u>765001817</u> |
|----------------|------------------|

4 Pair RAM Right-Angle Header,

Angle Header,  
Unguided, Left  
Endwall, 8 Columns.

96 Circuits, Pin Length 4.90mm.

Plated Through Hole  
Dimension 0.39mm.

Lead-Free  
Impact 100 Ohm

4 Pair RAM Right-

47 All 10/100 Right  
Angle Header,  
Unguided, Dual

Endwall, 8 Columns,  
96 Circuits. Pin

Length 4.90mm,  
Plated Through Hole

Plated Through Hole  
Dimension 0.39mm,  
Lead-Free

|                |           |
|----------------|-----------|
| Lead-Free      |           |
| Impact 100 Ohm | 765001828 |

4 Pair RAM Right-Angle Header.

Angle Header,  
Unguided, Dual  
Endwall, 8 Columns

Endwall, 8 Columns,  
96 Circuits, Pin  
Length 5 50mm

Length 3.50mm,  
Plated Through Hole  
Dimension 0.39mm

Dimension 0.39mm,  
Lead-Free  
Impact 100 Ohm

4 Pair RAM Right-

4 Fall RAM Right-Angle Header, Unguided Right

Unguided, Right  
Endwall, 8 Columns,  
96 Circuits Pin

96 Circuits, Pin  
Length 5.50mm,  
Plated Through Hole

Plated Through Hole  
Dimension 0.39mm,  
Lead Free

## Lead-Free

|                                                                                                                                                        |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Impact 100 Ohm                                                                                                                                         | <u>765003805</u> |
| 4 Pair RAM Right-Angle Header, Left Guided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead Free   |                  |
| Impact 100 Ohm                                                                                                                                         | <u>765003807</u> |
| 4 Pair RAM Right-Angle Header, Left Guided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free   |                  |
| Impact 100 Ohm                                                                                                                                         | <u>765005805</u> |
| 4 Pair RAM Right-Angle Header, Right Guided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead Free  |                  |
| Impact 100 Ohm                                                                                                                                         | <u>765005807</u> |
| 4 Pair RAM Right-Angle Header, Right Guided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free  |                  |
| Impact 100 Ohm                                                                                                                                         | <u>765005808</u> |
| 4 Pair RAM Right-Angle Header, Right Guided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead Free  |                  |
| Impact 100 Ohm                                                                                                                                         | <u>765007807</u> |
| 4 Pair RAM Right-Angle Header, Left Guided, Right Endwall, 10 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free |                  |
| Impact 100 Ohm                                                                                                                                         | <u>765007808</u> |
| 4 Pair RAM Right-Angle Header, Left Guided, Right Endwall, 8 Columns,                                                                                  |                  |

|                                                                                                                                                                                                  |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 96 Circuits, Pin<br>Length 5.50mm,<br>Plated Through Hole<br>Dimension 0.39mm,<br>Lead Free<br>Impact 100 Ohm                                                                                    | <u>765009808</u> |
| 4 Pair RAM Right-<br>Angle Header,<br>Right Guided, Left<br>Endwall, 8 Columns,<br>96 Circuits, Pin<br>Length 5.50mm,<br>Plated Through Hole<br>Dimension 0.39mm,<br>Lead Free<br>Impact 100 Ohm | <u>768501008</u> |
| 4 Pair Right-<br>Angle Orthogonal<br>Daughtercard,<br>Unguided, 8<br>Columns, 96 Circuits,<br>Plated Through Hole<br>Dimension 0.46mm,<br>Lead-Free<br>Impact 100 Ohm                            | <u>768501038</u> |
| 4 Pair Right-<br>Angle Orthogonal<br>Daughtercard,<br>Unguided, 8<br>Columns, 96 Circuits,<br>Plated Through Hole<br>Dimension 0.39mm,<br>Lead-Free<br>Impact 100 Ohm                            | <u>768503008</u> |
| 4 Pair Right-<br>Angle Orthogonal<br>Daughtercard, Left<br>Guide, 8 Columns,<br>96 Circuits, Plated<br>Through Hole<br>Dimension 0.46mm,<br>Lead-Free<br>Impact 100 Ohm                          | <u>768503038</u> |
| 4 Pair Right-<br>Angle Orthogonal<br>Daughtercard, Left<br>Guide, 8 Columns,<br>96 Circuits, Plated<br>Through Hole<br>Dimension 0.39mm,<br>Lead-Free<br>Impact 100 Ohm                          | <u>768505008</u> |
| 4 Pair Right-<br>Angle Orthogonal<br>Daughtercard, Right<br>Guide, 8 Columns,<br>96 Circuits, Plated<br>Through Hole<br>Dimension 0.46mm,<br>Lead-Free<br>Impact 100 Ohm                         | <u>768505038</u> |

96 Circuits, Plated  
Through Hole  
Dimension 0.39mm,  
Lead-Free

This document was generated on 02/27/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**