

General Information

Part Number:	76650-0223
Manufacturer:	Molex / Waldom
Title:	MV-396 Power Connector Kit
Description:	Low Profile Pos Lock Interconnect Right Angle Header and Receptacle, 7A 250V
Product Family:	MV-396™
Certificates:	(Molex Parts within this kit) - EU and China RoHS Compliant, UL and CSA
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration:	Wire-to-Board
Pitch:	3.96mm (.156")
Connector Type:	Receptacle and Header

Mounting

Orientation:	Right Angle
Circuit Sizes:	2, 3, 4, 5 and 6 circuits
Current Rating:	7 Amps
Voltage:	250 Volts
Wire size:	20-18 AWG

Product Highlights

The MV-396 wire-to-board system is a robust interconnect solution for industry-standard 3.96mm (.156") pitch applications. The system offers a positive lock for secure mating retention, and a double cantilever terminal design with unique metal shroud that prevents contamination and provides high contact pressure. The system carries up to 7 amps and is offered in 2 to 15 circuit sizes. Both vertical and right angle headers provide low profiles and a partially shrouded design for space savings and secure latching.

Features and Benefits

- Positive lock for secure mating retention
- Double cantilever terminal with metal shroud for protection and high contact pressure
- Polarization prevents mis-mating
- Low profile offers good space savings

Applications

- Security and Alarms
- Comfort and Infotainment
- Vending and Gaming
- Business Machines
- Energy and Power
- Industrial Equipment

[For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com](http://www.molexkits.com)

Bill of Materials for Part No. 76650-0223

Molex Part No.	Country of Origin	Description	Quantity in Kit
35922-8011-C	S. Korea	MV-396™ Female Terminals Phosphor Bronze 18-20 AWG	100
35977-0200	S. Korea	3.96mm (.156") MV-396™ Wire-to-Board connector Receptacle 2 circuit	5
35977-0300	S. Korea	3.96mm (.156") MV-396™ Wire-to-Board connector Receptacle 3 circuit	5
35977-0400	S. Korea	3.96mm (.156") MV-396™ Wire-to-Board connector Receptacle 4 circuit	5
35977-0500	S. Korea	3.96mm (.156") MV-396™ Wire-to-Board connector Receptacle 5 circuit	5
35977-0600	S. Korea	3.96mm (.156") MV-396™ Wire-to-Board connector Receptacle 6 circuit	5
35978-0220	S. Korea	3.96mm (.156") Pitch MV-396™ Header, Right Angle, 2 Circuits	5
35978-0320	S. Korea	3.96mm (.156") Pitch MV-396™ Header, Right Angle, 3 Circuits	5
35978-0420	S. Korea	3.96mm (.156") Pitch MV-396™ Header, Right Angle, 4 Circuits	5
35978-0520	S. Korea	3.96mm (.156") Pitch MV-396™ Header, Right Angle, 5 Circuits	5
35978-0620	S. Korea	3.96mm (.156") Pitch MV-396™ Header, Right Angle, 6 Circuits	5

No Recommended Molex Tool for Part No. 76650-0223

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[95000-104TRLF](#) [10135584-644402LF](#) [DF62W-EP2022PCA](#) [95000-106TRLF](#) [DF62W-2022SCA](#) [DF62W-EP2022PC](#) [2203348](#) [DF62W-2022SC](#) [1084018](#) [1029039](#) [1084017](#) [802-10-012-10-002000](#) [1112640](#) [1112639](#) [891-007-9SS-BST1T](#) [000-34000](#) [0008550134](#) [0009482033](#) [0009507031](#) [57102-F02-18ULF](#) [57102-S06-03LF](#) [57202-S52-04LF](#) [PCN6-15S-2.5E](#) [0039019024](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [0009508121](#) [0022285053](#) [0050291907](#) [018731A](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#) [60101931](#) [60598-1 \(Cut Strip\)](#) [M1625-3R/100](#) [61062-3](#) [61082-181009](#) [CSU011177004](#) [636-1427](#) [638009-1](#) [641938-9](#) [641991-4](#) [644168-1](#) [644827-2](#) [647662-1](#) [65039-019ELF](#) [65692-001LF](#) [65781-018](#) [65781-047](#)