

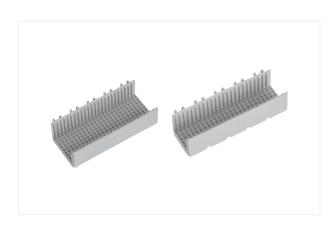
# MILLIPACS® 2mm HARD METRIC SERIES – ACCESSORIES

#### **OVERVIEW**

FCI offers a wide range of accessories compatible with 2mm Hard Metric (HM) series Millipacs® connectors. Millipacs® series accessories increase the usability and flexibility of the connector systems.

#### **SHROUDS**

FCI offers 5 row and 8 row, Board-To-Board and Cable-To-Board shrouds of all types. Shrouds with cable latch lock feature are also available.



#### **FEATURES**

- Shroud retention by forced-fitting with the long tails of vertical headers/ receptacles for RPU applications
- No mounting hardware

**BENEFITS** 

- · Optional latch lock
- Integrated multipurpose center for polarization, guiding and coding
- · Stand-off for different shroud heights

- Mating compatibility with cable connectors for I/O
- applications
- Easy guiding and visual identification. Prevents wrong mating
- Flexibility on backplane thickness



#### **PART NUMBERS**

No. of rows	Туре	Features	Shroud series
5	Α	22 column, 50mm + MPC	HM2H07P1
	Α	22 column, 50mm + reversed MPC	HM2H07P2
	Α	12 column, 30mm + MPC	HM2H51P1
	В	25 column, 50mm	HM2H08P1
	В	25 column, 50mm + locking latch	HM2H05P1
	B22	22 column, 44mm	HM2H70P1
	B19	19 column, 38mm	HM2H71P1
	В	6 column, 12mm	HM2H42P1
	В	6 column, 12mm + locking latch	HM2H41P1
	В	5 column, 10mm	HM2H06P1
	В	5 column, 10mm + locking latch	HM2H02P1
	AB	25 column, 50mm	HM2H65P1
	AB22	22 column, 44mm	HM2H66P1
	AB19	19 column, 38mm	HM2H67P1
	С	11 column, 25mm	HM2H09P1
	CR	11 column, 25mm + reversed	HM2H80P1
	CR	11 column + reversed pegs	HM2H80P2
8	D	22 column, 50mm	HM2H87P1
	DE	25 column, 50mm	HM2H95P1
	Е	25 column, 50mm	HM2H88P1
	Е	25 column, 50mm + locking latch	HM2H81P1
	F	11 column, 25mm	HM2H89P1
	FR	11 column, 25mm	HM2H82P1

### **GUIDING SYSTEMS**

FCI offers guiding pins and mating right angle sockets suitable for standard Hardmetric configurations. HM2G series guiding pins can be integrated to the connector system or as a standalone.



#### **FEATURES**

- · Early capture of Daughter Card
- Stand-alone system

#### **BENEFITS**

- Helps in aligning the connectors while mating and prevents damage to contact pins and connector housings
- Can be used at any location within a connector configuration

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#### **CODING KEYS**

Coding keys prevent the incorrect insertion of cards in to system. They are clicked in to the multipurpose center of Header and receptacle connectors. Each coding key has a different bright and pre-defined color in order to make visual identification and differentiation easy.

#### **FEATURES**

- · Polarization
- · Well defined colors

PN Series	Color
HM2DK3456-	Cadmium yellow
HM2DK1567-	Brilliant blue
HM2DK1456-	Pastel green

#### **BENEFITS**

- · Prevents incorrect insertion of PCBs and daughter cards
- · Easy identification

PN Series	Color	
HM2DK1247-	Pure orange	
HM2DK2346-	Purple Red	

#### **POWER CONTACTS**

FCI offers wide variety of contact styles for crimp, dip , hand-solder or press-fit connections. FCI offers header contacts under PN 'RM' series and mating receptacle contacts under PN "RC' series.



#### **FEATURES**

- · High precision contacts
- Outer retention locking spring

#### **BENEFITS**

- · Maximize durability performance
- Adequate locking and positioning of contacts to connector housing

#### **TARGET MARKETS/APPLICATIONS**

- · Communications
  - IP, Internet backbone driving high bandwidth requirements
  - LAN / WAN interfaces & data over public networks
  - Core Switches
  - Routers
  - Hubs
  - · Base Station
  - · Wireless Base Station
  - · Transmission Access Systems
- Data
  - Servers
  - · Storage units
- · Industrial & Instrumentation
  - Data Acquisition systems for Test & Measurements

- Railway Traffic Management & Control Systems
- Control Systems for Process
- Energy & Power Industries
- In-flight Entertainment & Communication for Avionics
- Digital Image Processing
- · Multimedia
- · Signage
- · Video Surveillance
- Radar
- Sonar System
- UAV
- Medical
  - · MRI Scanners
  - · Diagnostic Equipment

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