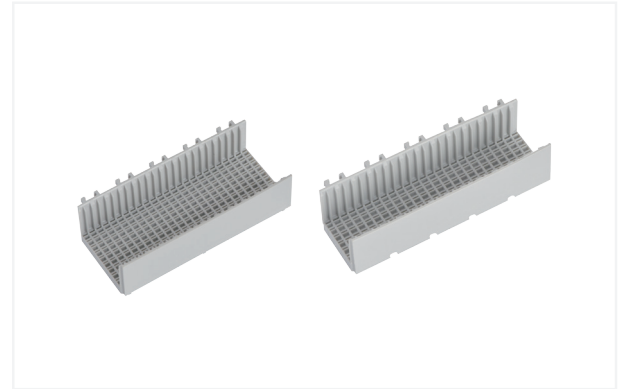**FCI**

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

- Optional latch lock

- Integrated multipurpose center for polarization, guiding and coding

- Stand–off for different shroud heights

BENEFITS

- No mounting hardware

- 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	Type	Features	Shroud series
5	A	22 column, 50mm + MPC	HM2H07P1
	A	22 column, 50mm + reversed MPC	HM2H07P2
	A	12 column, 30mm + MPC	HM2H51P1
	B	25 column, 50mm	HM2H08P1
	B	25 column, 50mm + locking latch	HM2H05P1
	B22	22 column, 44mm	HM2H70P1
	B19	19 column, 38mm	HM2H71P1
	B	6 column, 12mm	HM2H42P1
	B	6 column, 12mm + locking latch	HM2H41P1
	B	5 column, 10mm	HM2H06P1
	B	5 column, 10mm + locking latch	HM2H02P1
	AB	25 column, 50mm	HM2H65P1
	AB22	22 column, 44mm	HM2H66P1
	AB19	19 column, 38mm	HM2H67P1
	C	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
	E	25 column, 50mm	HM2H88P1
	E	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

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

BPLMILLIACC0215EA4

Disclaimer

Please note that the above information is subject to change without notice.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

HM2DK2348RLF   HM2H07P115LF   HM2DK1248PLF   HM2DK3567RLF   HM2DK3456PLF   HM2DK1567PLF
HM2DK1235PLF   HM2DK1236PLF   HM2DK1238PLF   HM2DK1246RLF   HM2DK1247PLF   HM2DK1256RLF
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HM2H89P119LF   HM2LK0LF   HM2LK1LF   HM2LS22ALF   RC12PIE51ERPLF   RC12PIE52ERPLF
RM12PIE51ERPLF   HM2DK1235RLF   HM2DK1247RLF   HM2DK1258RLF   HM2DK1347RLF   HM2DK1457RLF
HM2DK2368RLF   HM2DK2568RLF   HM2DK3467RLF   HM2DK3458RLF   HM2H05P109LF   HM2H05P119LF
HM2H06P115LF   HM2H07P122LF   HM2H09P111LF   HM2H51P109LF   HM2H51P1LF   HM2H65P109LF
HM2H65P115LF