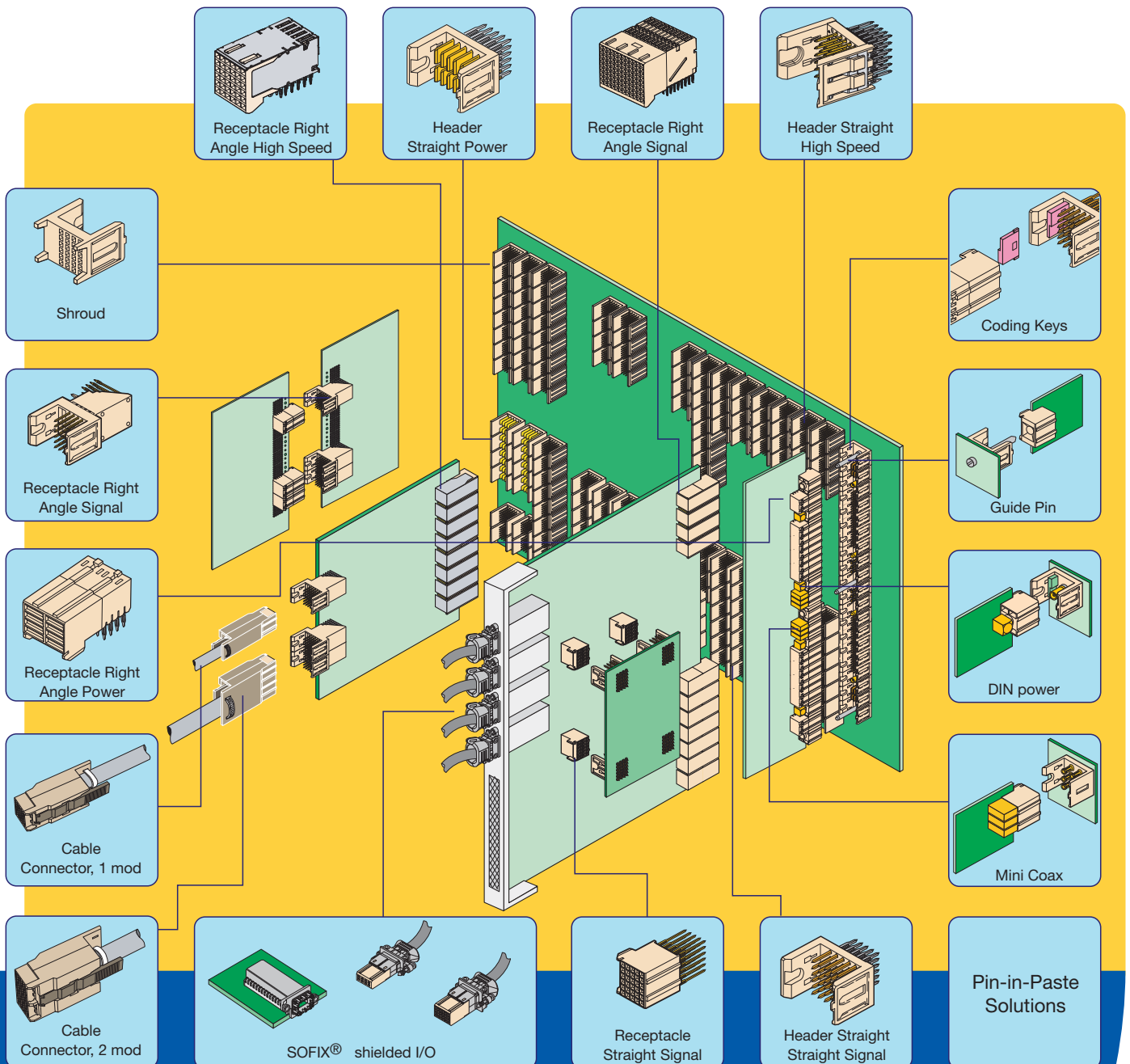


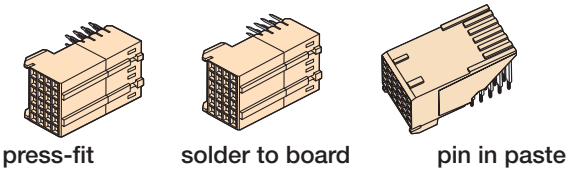


 **ELECTRONICS**

# METRAL® Core Product Selector

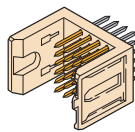
Signal Standard

Receptacle, Right angle, Signal



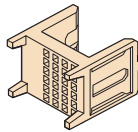
| Press Fit       |             |             |             |
|-----------------|-------------|-------------|-------------|
| Module          | 4 row       | 5 row       | 8 row       |
| 1               | 88945-102LF | 89047-102LF | -           |
| 2               | 88946-102LF | 89093-102LF | 74770-102LF |
| 4               | 88947-102LF | 89094-102LF | -           |
| 8               | 88948-102LF | 89095-102LF | -           |
| Solder to Board |             |             |             |
| 1               | 89035-102LF | 85863-102LF |             |
| 2               | 89036-102LF | 85864-102LF |             |
| 4               | 89037-102LF | 85865-102LF |             |
| 8               | 89038-102LF | 85866-102LF |             |
| Pin in Paste    |             |             |             |
| 1               | 52048-101LF | 52049-101LF |             |

Header, Straight, Signal



| Press Fit, Wide body |             |             |                |
|----------------------|-------------|-------------|----------------|
| Module               | 4 row       | 5 row       | 8 row          |
| 1                    | 70232-116LF | 89006-116LF | -              |
| 2                    | 70233-116LF | 89007-116LF | 74771-102011LF |
| 4                    | 70234-116LF | 89008-116LF | -              |
| 8                    | 70235-116LF | 89009-116LF | -              |

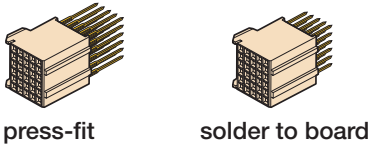
Shroud



| Wide body |             |             |             |
|-----------|-------------|-------------|-------------|
| Module    | 4 row       | 5 row       | 8 row       |
| 1         | 70203-111LF | 89055-111LF | -           |
| 2         | 70203-112LF | 89055-112LF | 98173-102LF |
| 4         | 70203-113LF | 89055-113LF | -           |
| 8         | 70203-114LF | 89055-114LF | -           |

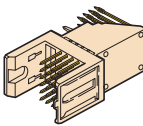
Signal Reversed

Receptacle, Straight, Signal



| Press Fit       |                   |                   |
|-----------------|-------------------|-------------------|
| Module          | 4 row             | 5 row             |
| 1               | 85757-1101LF      | 85761-1101LF      |
| 2               | 85758-1101LF      | -                 |
| 4               | 85759-1101LF      | 85763-1101LF      |
| 8               | 85760-1101LF      | -                 |
| Solder to Board |                   |                   |
| 1               | HM1S41FRR000H6PLF | HM1S51FRR000H6PLF |
| 2               | HM1S42FRR000H6PLF | HM1S52FRR000H6PLF |
| 4               | HM1S43FRR000H6PLF | HM1S53FRR000H6PLF |
| 8               | HM1S44FRR000H6PLF | HM1S54FRR000H6PLF |

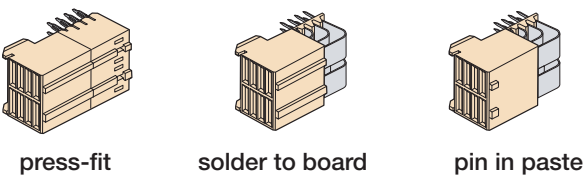
Header, Right angle, Signal



| Press Fit Wide Body       |                   |                   |
|---------------------------|-------------------|-------------------|
| Module                    | 4 row             | 5 row             |
| 1                         | HM1L41LDP000H6PLF | HM1L51LDP000H6PLF |
| 2                         | HM1L42LDP000H6PLF | HM1L52LDP000H6PLF |
| 4                         | HM1L43LDP000H6PLF | HM1L53LDP000H6PLF |
| 8                         | HM1L44LDP000H6PLF | HM1L54LDP000H6PLF |
| Solder to Board Wide Body |                   |                   |
| 1                         | HM1L41LAP000H6PLF | HM1L51LAP000H6PLF |
| 2                         | HM1L42LAP000H6PLF | HM1L52LAP000H6PLF |
| 4                         | HM1L43LAP000H6PLF | HM1L53LAP000H6PLF |
| 8                         | HM1L44LAP000H6PLF | HM1L54LAP000H6PLF |
| Pin in Paste Wide Body    |                   |                   |
| 1                         | HM1L41LFP000H6PLF | HM1L51LFP000H6PLF |

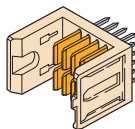
Power Standard

Receptacle, Right angle, Power



| Press Fit       |             |             |
|-----------------|-------------|-------------|
| Module          | 4 row       | 5 row       |
| 1               | 88949-102LF | 89096-102LF |
| Solder to Board |             |             |
| 1               | 89039-101LF | 85876-102LF |
| Pin in Paste    |             |             |
| 1               | 72651-101LF | 63793-101LF |

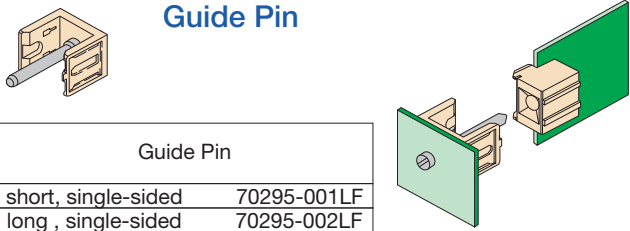
Header, Straight, Power



| Press Fit, Wide Body |             |             |
|----------------------|-------------|-------------|
| Module               | 4 row       | 5 row       |
| 1                    | 70236-101LF | 89099-111LF |

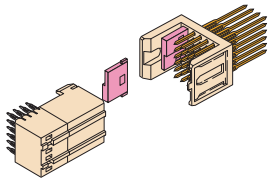
Accessories

Guide Pin



| Guide Pin                         |             |
|-----------------------------------|-------------|
| short, single-sided               | 70295-001LF |
| long, single-sided                | 70295-002LF |
| Required Header housing Wide Body |             |
| 88911-101LF                       |             |
| Required Receptacle housing       |             |
| 70292-101LF                       |             |

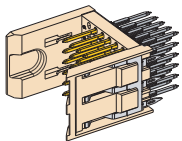
Extended Coding Keys



| Colour | Header      | Receptacle  |
|--------|-------------|-------------|
| Blue   | 85813-101LF | 85814-101LF |
| Pink   | 85813-102LF | 85814-102LF |
| Green  | 85811-101LF | 85812-101LF |

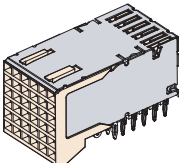
High Speed

Header, Straight, Signal, High Speed



| 1 Module, High Speed, Press Fit |                |                |
|---------------------------------|----------------|----------------|
|                                 | 5 row          | 8 row          |
| Signal 1000                     | 84817-101001LF | 74983-102011LF |
| Signal 2000                     | 74977-101002LF | 74978-102001LF |
| Signal 4000                     | 55003-101004LF | 55004-102002LF |

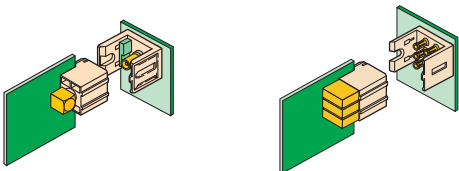
Receptacle, Right Angle, High Speed



| 1 Module, High Speed, Press Fit |             |             |
|---------------------------------|-------------|-------------|
|                                 | 5 row       | 8 row       |
| Signal 1000                     | 73981-102LF | 74981-102LF |
| Signal 4000                     | 52057-102LF | -           |

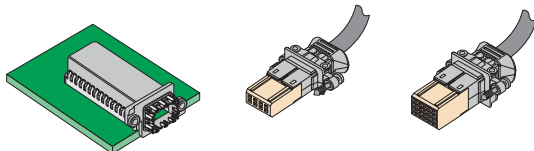
|                        | 1000 Series Header | 2000 Series Header | 4000 Series Header |
|------------------------|--------------------|--------------------|--------------------|
| 1000 Series Receptacle | 622Mb/s            | 1.25 Gb/s          | 2.5 Gb/s           |
| 4000 Series Receptacle | 1.25 Gb/s          | 2.5 Gb/s           | 5 Gb/s             |

Hybrid connectors



| DIN Standard High Power |             |
|-------------------------|-------------|
| Receptacle RA housing   | 89092-101LF |
| Receptacle contact      | 85995-103LF |
| Housing wide body       | 88911-101LF |
| Contact screw pcb       | 91570-001LF |
| Mini Coax               |             |
| Receptacle RA housing   | 70244-102LF |
| Receptacle contact stb  | 70239-002LF |
| Housing wide body       | 88913-101LF |
| Contact stb             | 88980-002LF |

Sofix® Shielded I/O



| Cable Connector |                  |                |
|-----------------|------------------|----------------|
|                 | 4 x 6 pos.       | 2 x 4 pos.     |
| Twisted Pair    | HM1C16D2J110EBLF | 72861-101LF    |
| Coax Twin       | 72817-103LF      | 72862-101LF    |
| Coax Quad       | 72817-104LF      | 10008166-001LF |
| Board Connector |                  |                |
|                 | 72844-101LF      | 72860-103LF    |

Cable Connectors

Cable Connector, Signal



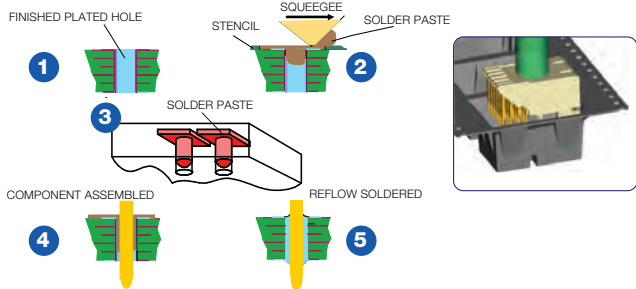
| Module | 4 row        | 5 row        |
|--------|--------------|--------------|
| 1      | 72476-1111LF | 72478-1111LF |
| 2      | 72477-1111LF | 72479-1111LF |

Cable Connector, Shielded



| positions | 4 row          |
|-----------|----------------|
| 72        | 10013881-231LF |

Pin in Paste



| Description            | 4 row             | 5 row             |
|------------------------|-------------------|-------------------|
| Receptacle, RA, Signal | 52048-101LF       | 52049-101LF       |
| Receptacle, RA, Power  | -                 | 63793-101LF       |
| Header, RA, Signal     | 58361-101LF       | HM1L51LFP000H6PLF |
| Header, RA, Power      | HM1K41DFP000H6PLF | HM1K51DFP000H6PLF |
| Sofix®, RA, Signal     | 72850-101LF       | -                 |

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