



PLUG

SERIES

MLHS HIGH SPEED Rugged Metal Vertical SMT
(MLHS mates with MMHS, MJHS receptacles)

HIGH SPEED MODULES

- 01 1 High Speed Module
- 02 2 High Speed Modules
- 03 3 High Speed Modules
- 04 4 High Speed Modules
- 05 5 High Speed Modules (Max Signal Count 40)
- 06 6 High Speed Modules (Max Signal Count 30)
- 07 7 High Speed Modules (Max Signal Count 20)
- 08 8 High Speed Modules (Max Signal Count 10)
- 09 9 High Speed Modules (Max Signal Count 10)
- 0A 10 High Speed Modules (No Signals)

SIGNAL CONTACTS*

- L0 Left Side Key - No Signal Contacts
- L1 Left Side Key - 10 Signal Contacts
- L2 Left Side Key - 20 Signal Contacts
- L3 Left Side Key - 30 Signal Contacts
- L4 Left Side Key - 40 Signal Contacts
- L5 Left Side Key - 50 Signal Contacts
- R0 Right Side Key - No Signal Contacts
- R1 Right Side Key - 10 Signal Contacts
- R2 Right Side Key - 20 Signal Contacts
- R3 Right Side Key - 30 Signal Contacts
- R4 Right Side Key - 40 Signal Contacts
- R5 Right Side Key - 50 Signal Contacts

BODY STYLE

- 100 Plug

CONTACT TERMINATION

- 37 Pin, Vertical SMT, Staggered Leads - All
- 57 Pin, Vertical SMT, Staggered Leads - High Speed Single-Sided Leads - Signals
- 77 Pin, Vertical SMT, Single-Sided Leads - High Speed Staggered Leads - Signals
- A7 Pin, Vertical SMT, Single-Sided Leads - All

TERMINATION PLATING

- 5 50 micro" Gold Contact, Sn/Pb Alloy Termination
- 7 50 micro" Gold Contact, SAC305 Plated Termination

BODY PLATING (LCP INSULATORS)

- 2 Electroless Nickel Plated Aluminum Shell
- 3 Electrodeposited Cadmium Plated Aluminum Shell
- 6 Gold Plated Aluminum Shell

HARDWARE

- 000 No Hardware
- 620 Two Fixed Jacknuts - Captivated **
- NXX Keying Jackpost Hardware, See Options ***

RECEPTACLE

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- L4 Left Side Key - 40 Signal Contacts
- L5 Left Side Key - 50 Signal Contacts
- R0 Right Side Key - No Signal Contacts
- R1 Right Side Key - 10 Signal Contacts
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- R3 Right Side Key - 30 Signal Contacts
- R4 Right Side Key - 40 Signal Contacts
- R5 Right Side Key - 50 Signal Contacts

BODY STYLE

- 200 Receptacle
- 400 Receptacle with Ground Fingers (Preferred)

CONTACT TERMINATION

- 47 Pin, Vertical SMT, Staggered Leads - All
- 67 Pin, Vertical SMT, Staggered Leads - High Speed Single-Sided Leads - Signals
- 87 Pin, Vertical SMT, Single-Sided Leads - High Speed Staggered Leads - Signals
- B7 Pin, Vertical SMT, Single-Sided Leads - All

TERMINATION PLATING

- 5 50 micro" Gold Contact, Sn/Pb Alloy Termination
- 7 50 micro" Gold Contact, SAC305 Plated Termination

BODY PLATING (LCP INSULATORS)

- 2 Electroless Nickel Plated Aluminum Shell
- 3 Electrodeposited Cadmium Plated Aluminum Shell
- 6 Gold Plated Aluminum Shell

HARDWARE

- 000 No Hardware
- 620 Two Fixed Jacknuts - Captivated **
- NXX Keying Jackpost Hardware, See Options ***

NOTES:

1. All high-speed receptacles have fluoropolymer interfacial seals.
2. Staggered leads always start on the major side for the first high speed module.
3. Single-sided leads are always on the major side.

= Option not RoHS compliant

* = Left and right key is determined by looking at the PLUG interface with the LONG SIDE downward. The key is the angled side of the interface.

** = Captivated hardware is factory installed and non-removable.

*** = Refer to catalog Page 29 for keying options.