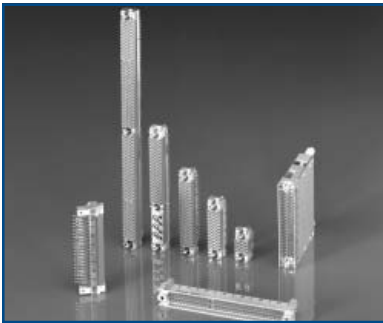


Rectangular Printed Circuit Board Interconnects, cont.

SIAL Modular High Density Interconnect Systems

Consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/ ARRANGEMENTS	PERFORMANCE ENVIRON./ELECT.
High density mother board and daughter board modular connectors with metallic housings and with fork and blade type contacts that are attachable to printed circuit boards.	Combines the SIHD connector features with the additional capability for combinations of power contacts (up to 20 Amps), coaxial contacts and/or fiber optic termini.	Available for surface mount and thru hole PCB's. Can be centered or off-centered mounted. Withstands rigors of soldering operations - vapor phase, infrared reflow, wave processes. Polarizing pins for mounting to boards.	Termination styles: PCB, compliant, surface mount or crimp. Arrangements: 18 to 392 contacts in 5 rows.	Operating temp. from -55° C to +125° C. Connector skirts are stainless steel. Insulators are DAP material. Permissible lateral displacement of the plug within the receptacle of up to ± 0.012 inch, to allow for the use of thermal clamps. (See page 48 for information on thermal clamps).

OPTIONAL FEATURES

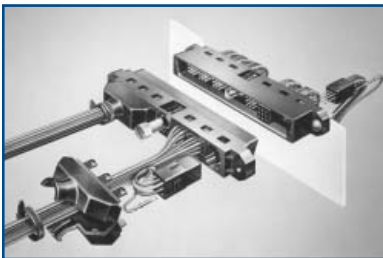
- MB receptacle, DB plug, DB test receptacle, Plug test, and extender receptacles are available.
- Contact layouts available for backplane, daughter boards with right angle dip solder contacts, or daughter boards for surface mount contacts.
- Contact options: signal, power, coax and fiber optics.

MARKETS

- Military Equipment and Flight Control Systems
- Radar Control Measures
- Nuclear Submarine Sonar

Pyle LMD Modular Connectors

Reference Pyle Bulletin LM-300



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/ ARRANGEMENTS	PERFORMANCE ENVIRON./ELECT.
Rectangular interconnects comprised of housings, modules and contacts, designed to provide flexibility in the assembly of wire harnesses. For attachment to PC boards. Also designs for rack & panel or cable to cable attachment.	Designed for wire harness terminations and to eliminate costly PC board and associated hardware.	<u>Linear module design</u> - for rack & panel or cable to cable applications. <u>Bussing modules</u> - allow for a plurality of circuit networks without extra hardware. <u>Diode modules</u> - sealed for protection; eliminate need for PC boards/hardware. <u>Relay modules</u> - sealed or unsealed; eliminate need for PC boards/hardware.	Modules incorporate crimp contacts in sizes 8, 16, 20 and 22.	Operating temp. from -55° C to +140° C. Durability: 250 cycles mating and unmating. Module insertion and removal force: 5 lbs. max. Housings, modules and contacts are all ordered separately and require assembly with appropriate LMD accessory tools. Housings of black thermoplastic are U/L rated 94VO flame retardant. Housings of white thermoplastic provide increased resistance to industrial oils and solvents.

OPTIONAL FEATURES

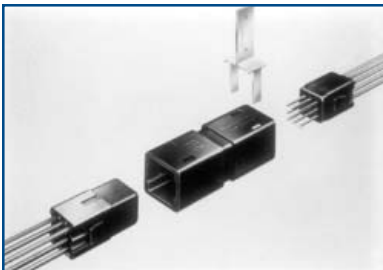
- Variety of module options provide a mix of both active and passive devices within one connector.
- Modules offered either environmentally sealed or unsealed.
- Standard design - housings with 6 bays with choice of four module contact arrangements: 1 #8, 4 #16, 9 #20, 16 #22. PC tail contacts also available.
- Housing material options: black or white thermoplastic.
- Plug and receptacle housings may be front or rear panel mounted.
- Optional keying post provides six position keying capability.
- Optional center jackscrew available for ease of mating and unmating and high reliability under vibration.
- Two types of cable strain reliefs - for either internal or external attachment.

MARKETS

- Instrumentation and Avionics Controls

Pyle LMS Modular Connectors

Reference Pyle Bulletin LM-300



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/ ARRANGEMENTS	PERFORMANCE ENVIRON./ELECT.
In-line splice connectors - simple, low cost interconnection devices that incorporate LMD modules and contacts.	Supplements the LMD family.	3-piece assembly with 2 styles - standard requiring removal tool, or style with a push button release. Bracket available for panel mounting.	Uses modules common to LMD connectors. (See above)	Operating temp. from -55° C to +140° C.

OPTIONAL FEATURES

- Panel mounting bracket available or tie straps.
- Module removal tool available for standard splice style.

MARKETS

- Instrumentation and Testing Equipment