

Rack and Panel

SR Series Rectangular Rack and Panel Connectors, Solder Type

Reference Catalog 12-034



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/ ARRANGEMENTS	PERFORMANCE ENVIRON./ELECT.
For sliding rack applications with solder contacts.	Resilient insert material is manufactured per MIL-STD-417 standards. Solid die cast aluminum shells are cadmium plated to QQ-P-416, Type II, Class 3 with a chromate treatment.	Push-pull coupling for box/panel/rack mounting.	Contacts are closed entry solder type sockets in sizes 16 and 20, or coaxial and power contacts in sizes 4 and 8.	Operating temp. from -55°C to $+125^{\circ}\text{C}$. Resilient inserts grip contacts firmly and withstand severe vibration and physical shock. Inserts may be pressurized to provide a good barrier to moisture, gasses, dirt, etc. Contacts are gold plated for corrosion resistance and long shelf life.

OPTIONAL FEATURES

- Styles include a general duty class, a potted class with potting mold, a pressurized class designed to withstand 30 psi, and a pressurized potted class.
- Pin or socket contacts in the plug or the receptacle are available.
- 12 standard contact arrangements with up to 57 contacts.
- Accommodate a variety of wire sizes and RG cable types.
- Wide flange receptacle available for pressurized applications requiring sealing at the flange.

MARKETS

- Military Vehicles
- Power Distribution

LE Series Rectangular Rack and Panel Connectors, Crimp Type

Reference Catalog 12-034



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/ ARRANGEMENTS	PERFORMANCE ENVIRON./ELECT.
For rack and panel applications with crimp contacts.	MIL-C-26518 type connector, incorporating neoprene resilient inserts and die cast shells.	Push-pull coupling for box/panel/rack mounting.	Crimp PT-SE type power or coaxial contacts. Receptacles with coaxial arrangements are available with a unique metal web as an integral part of the shell so that all outer coax contact conductors are completely grounded to the shell.	Operating temp. from -55°C to $+125^{\circ}\text{C}$. Resilient inserts grip contacts firmly and withstand severe vibration and physical shock.

OPTIONAL FEATURES

- Pin or socket contacts in the plug or the receptacle are available.
- 2 standard contact arrangements of 52 or 102 contacts.
- Accommodate a variety of wire sizes and RG cable types.
- Standard crimp application tooling can be used.
- Accessories available: floating spring mounts, protection caps, and metal dummy plugs for coax contacts. Also hoods, cable clamps and jack screws for mating.

MARKETS

- Military Vehicles

RFM Series Modular Rack and Panel Connectors

Consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/ ARRANGEMENTS	PERFORMANCE ENVIRON./ELECT.
For modular floating rack and panel applications. Designed for mass transit systems and incorporate inserts with low smoke properties.	Certified to French Railway Specification NFF-61032 and CEDD Specification EN-75201.	Push-pull coupling for box/panel/rack mounting.	Crimp contact termination. 3 module choices: <ul style="list-style-type: none"> • five 8 Amp contacts • three 15 Amp contacts • two 25 Amp contacts 	Operating temp. from -55°C to $+125^{\circ}\text{C}$. Contacts perform up to 5000 cycles of durability, as well as high vibration and low insertion forces.

OPTIONAL FEATURES

- Choice of 3 module designs; mixed module capability.

MARKETS

- Railway
- Power Rack Batteries
- Hybrid Vehicles