

# Special Purpose Interconnection Products, cont.

## Amphe-Base™ Molded Connectors with RADSOK® High Amperage Contacts

Reference Amphenol Power Solutions Brochure SL-391 or consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
2 or 3 position molded connectors for backplane, PC board or bus bar applications. Incorporates the RADSOK high amperage contact. Designed for one-handed mating and unmating operation.	Uses RADSOK high amperage contact technology with molded-in circuit identification.	Simply push on to mate, pull off to unmate.	Crimp termination. RADSOK contacts, available in 6.0mm size. Applicable wire sizes 4-12 AWG available. For RADSOK contact advantages, see page 75. No tools required for socket insertion.	Non-environmental rigid plastic housing. Provides full isolation from electrical contacts. Serrated texture on housing for sure grip. 6.0mm RADSOK contacts rated to up to 120 amps depending on wire termination size.

### OPTIONAL FEATURES

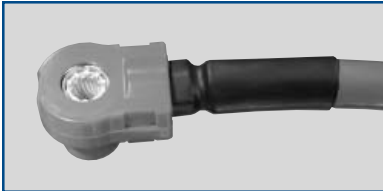
- 2- or 3- position molded housings.
- 6.0mm pin contacts also available in wire crimp, press-fit (for busbar) or threaded termination styles.

### MARKETS

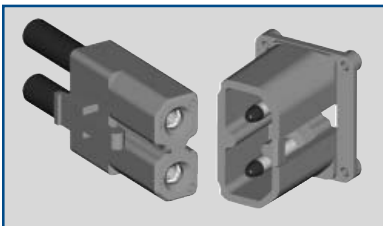
- Backplane, PC Board or Bus Bar Applications

## Amphe-Com™ Molded Interconnects with RADSOK® High Amperage Contacts

Reference Amphenol Power Solutions Brochure SL-391 or consult your local Amphenol sales office for further information.



Single Position 8mm Amphe-Com



2-Position Plug / Receptacle with 3.6mm RADSOK Amphe-Com

APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Custom molded interconnect designed for info-comm applications. Offered in a single position 8mm RADSOK with molded socket shell. Also offered in a range of non-environmental, TUV "touch-proof" molded connectors. Current design is with a 2-position plug and receptacle with 3.6mm RADSOK.	Uses RADSOK high amperage contact technology.	Single position 8mm design is a simply push on to mate, pull off to unmate. The 2-position molded connector design is busbar-mount with swage pins for single or multi-layer busbars.	Crimp termination. RADSOK contacts, available in 6.0mm size. Applicable wire sizes 4-12 AWG available. No tools required for socket insertion.	Variety of environmental and non-environmental molded connector solutions designed to suit high performance, high value requirements. RADSOK contacts available: 3.6mm (70 amps), 6.0mm (120 amps), 8.0mm (200 amps), 10.3mm (300 amps), 14.0mm (500 amps).

### OPTIONAL FEATURES

- Box mount or busbar mount options on 2-position style.
- Box mount is available with either wire crimp or PC tail pins.
- Custom termination methods are available for specific applications.

### MARKETS

- Backplane, PC Board or Bus Bar Applications

## Amphe-Power RADSOK Hi-Lok™

Reference Amphenol Power Solutions Brochure SL-391 or consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Invented in response to customer demand for a tool-less but semi-permanent high amperage connector. Often used as a replacement to the traditional threaded post and ring terminal.	Uses RADSOK high amperage contact technology.	Simply push on to mate, pull off to unmate. The Hi-Lok functions with low connection force requirements of less than 15 lbs. and high removal force requirements of greater than 50 lbs.	Crimp termination. RADSOK contacts. Wide range of wire crimp barrels or PCB/Busbar swage mount features.	Variety of environmental and non-environmental molded connector solutions designed to suit high performance, high value requirements. RADSOK contacts available: 3.6mm (70 amps), 6.0mm (120 amps), 8.0mm (200 amps).

### OPTIONAL FEATURES

- A Hi-Lok removal tool is available for easy disconnection of the mated contacts.
- Custom termination methods are available for specific applications.

### MARKETS

- Backplane, PC Board or Bus Bar Applications