

Compact 28-circuit high-current header mates with Molex's 28-circuit female power connector to offer customers a complete space-saving, wire-to-board solution for sealed transportation applications requiring up to 21Amps

molex®

CMC 28-Circuit, High Current, Right-Angle Header

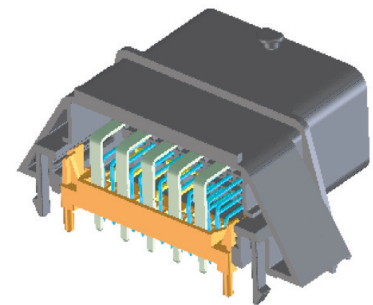
47745 28-circuit, right-angle header

The CMC family from Molex is a sealed, high-density connection system developed to perform in high-conductivity transportation applications and in harsh environments. It is a cost-effective, modular and hybrid system designed with various colour codings associated with mechanical keying for easy mating with standard CMC headers.

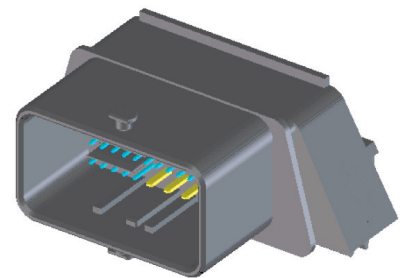
The right-angle, 28-circuit, single-pocket CMC header mates with existing CMC connector series 64318 to offer customers a complete 28-circuit high-power connection system. Currently only Molex offer this 28-circuit interface to the general market.

Specific to this header is its hybrid terminal combination. Designed with 5 x 2.80mm CP terminals, the header is a competitive solution for high-current modules up to 21Amps, see PS-64318-001 for further details.

The compact header design provides a space-saving solution suitable for many sealed applications in transportation vehicles, especially those with challenging space requirements such as motorcycle engine control modules. For additional information on the CMC family visit: www.molex.com/product/cmc.html



CMC 28-circuit, high current, right-angle header



FEATURES AND BENEFITS

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|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| • Mates with 28-circuit CMC female connector series 64318 in grey+ brown+ black coding | • Provides complete 28-circuit, high-current connection system |
| • Uses hybrid combination of 18x CP 0.635mm, 5x CP 1.50mm and 5x CP 2.80mm solder-mount terminals | • Suitable for high-current applications up to 21Amps |
| • Compact design | • Provides space-saving, high-power solution |
| • Plastic housing material is suitable for epoxy adhesion | • Facilitates standard glueing processes at module manufacturers |
| • Designed with standard Molex CMC header cut-out shape | • Allows easy mounting to modules |

MARKETS AND APPLICATIONS

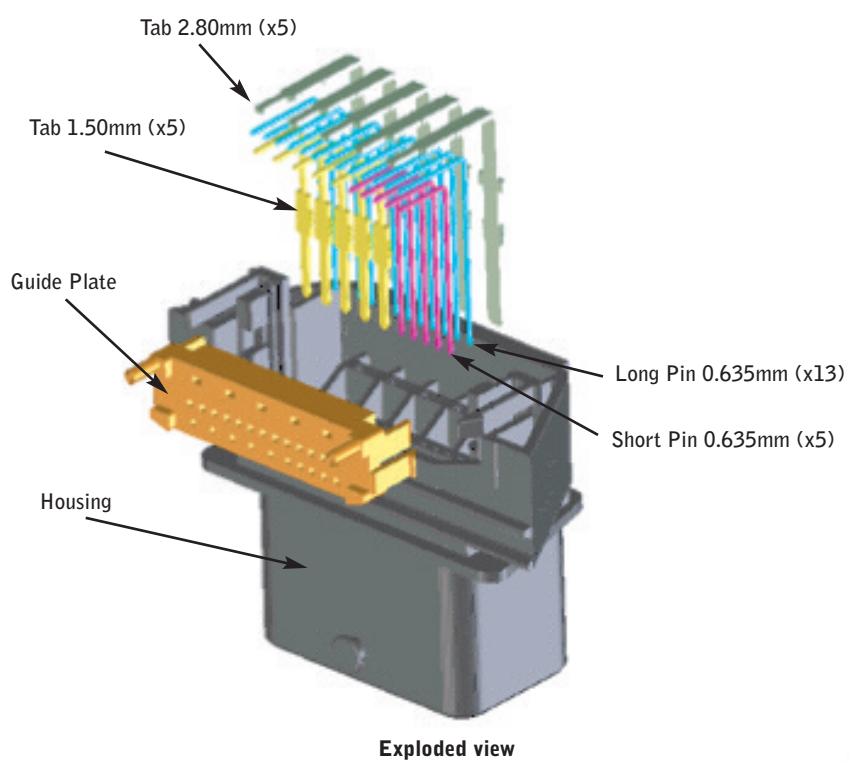
- Wire-to-board applications:
 - Body control module
 - Junction box
 - Engine control units
 - Industrial and agricultural control systems
 - Various actuators
 - Electronic break system
 - Alternator/ generator
 - DC converters and power converters for hybrid applications
- Markets:
 - Cars
 - Motorcycles
 - Agricultural equipment
 - Trucks, pick-ups
 - Heavy goods vehicles
 - Buses
 - Marine



ADDITIONAL PRODUCT FEATURES

CMC 28-Circuit, High Current, Right-Angle Header

47745 28-circuit, right-angle header



Mating 28-circuit CMC power connector, series 64318

