



Introducing AMP+ Low-Medium Current Connectors and Headers

TE Connectivity's AMP+ touch-proof 2 or 3 position low-medium current connectors and headers are designed for flexibility with options for various EV device applications. With a current carrying capability up to 40A* at 85°C and a 2-4mm² multicore wire range, the AMP+ connectors and headers can be utilized with multicore or individually shielded wire. Multiple latching options and an integrated internal HVIL with multiple routing options allow package size optimization and flexibility.



AMP+ Low-Medium Current Connectors and Headers



HVA 280 KEY FEATURES

- USCAR and RoHS compliant
- 90° and 180° plugs
- Touch-proof
- Two-stage, tool or thumb activated latching
- Current rating: Up to 40A* @ 85°C
- For use with multicore or individually shielded wire
- Integrated internal HVIL
- CPA available
- 2 or 3 position
- Multiple key options
- Sealed

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APPLICATIONS

- Auxiliary devices

MECHANICAL

- Terminal: 2.8mm MCP
- Wire range: 2-4mm² multicore or individually shielded wire
- Latching Style: Two-stage, tool or thumb actuated
- HVIL: Integrated, internal
- CPA available
- Inline cap with HVIL
- Die cast Aluminum or nylon header available

ELECTRICAL

- Voltage rating: Up to 600V individually shielded wire
Up to 750V multicore wire
- Current rating: Up to 40A* @ 85°C
- Temperature range: -40°C to 140°C
- Shielding: 360° from wire to device
- IP rating: Mated: IP67, IP6k9k
Unmated: IP2xb

STANDARDS AND SPECIFICATIONS

- USCAR
- RoHS



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* Verification test pending