

# .125 POWERBAND Contacts

## High Current Capacity at a Lower Applied Cost!

Passing high current has never been easier than with the new AMP .125 POWERBAND contacts. These gold or silver plated over nickel, copper contacts feature ultra-low contact resistance, excellent heat dissipation, high durability and low mating forces. The driving forces behind this design are the precise forming of the pin and socket bodies and their precise matching to the revolutionary Louvertac band.

This combination of high conductivity copper bodies with high durability beryllium copper springs delivers near

perfect Mil-Spec performance (for current rating and mating cycles) at a fraction of the cost. In addition, with the strip-form contacts and proven F crimp termination, improved productivity and statistical crimp control are now easier than ever for high current contacts.

.125 POWERBAND contacts were designed to be used in AMP Circular Plastic Connectors (CPC), and Metrimate Drawer Connectors. These contacts are available in two pin lengths, and are well suited for "Make First, Break-Last" applications.

**.125 POWERBAND contacts ideal for use in:**

- Electronic Power Equipment
- Industrial Machinery
- Off-Highway and Heavy Duty Trucks
- Mid-Range Computers
- and Instrument and Control Equipment...

plus other industrial applications where reliable and economical power contact is required.

### .125 POWERBAND Contacts

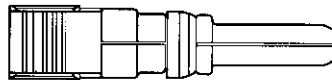
#### Material and Finish:

**Contacts—Copper**

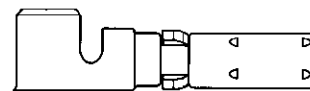
#### Plating Code:

**A.** .000200 {0.00508} min. silver on contact area, .000050 {0.00127} min. on remainder, all over .000050 {0.00127} min. nickel underplate

**B.** .000030 {0.00076} min. gold on contact area, gold flash on remainder, all over .000050 {0.00127} min. nickel underplate.



.125 POWERBAND Pin Contact



.125 POWERBAND Socket Contact

#### Application Tooling

Miniature applicators for AMP

G-Press:

**Part No. 680195-3** (14-12 AWG {3-2mm<sup>2</sup>})

**Part No. 680197-3** (10-8 AWG

{8-5mm<sup>2</sup>})

Hand tool:

**Part No. 69710:**

Tool Dies:

**Part No. 356612-1** (14-12 AWG

{3-2mm<sup>2</sup>})

**Part No. 356611-1** (8 AWG

{8mm<sup>2</sup>})

**Part No. 356611-2** (10 AWG

{5mm<sup>2</sup>})

Wire Size AWG mm <sup>2</sup>	Contact Finish	Pin Length	Strip Part Nos.		Loose Piece Part Nos.	
			Pin	Socket	Pin	Socket
14-12 3-2	A	Standard	213845-1	213847-1	213845-3	213847-3
	B	Standard	213845-2	213847-2	213845-4	213847-4
	A	Extended	213845-5	—	213845-7	—
	B	Extended	213845-6	—	213845-8	—
10-8 8-5	A	Standard	213841-1	213843-1	213841-3	213843-3
	B	Standard	213841-2	213843-2	213841-4	213843-4
	A	Extended	213841-5	—	213841-7	—
	B	Extended	213841-6	—	213841-8	—

For use in Metrimate drawer connectors only.

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