

AMP termination systems from Cablecraft

PIDG pre-insulated diamond grip terminals and splices are designed for complete and uniform reliability. The pre-insulated termination ensures a vibration safe connection of maximum conductivity, and its tensile strength approaches that of the wire itself.

Each PIDG terminal consists of a tin plated copper body, with a specially designed copper sleeve and insulation sleeve fitted over the terminal barrel.

PIDG products are available in a wide range of 0.14 up to 6.6mm² or AWG 22 to 10.

A wide range of professional hand tools are available. They have a patented ratchet device to ensure the crimp cycle is completed before releasing. The insulation sleeve is dot coded during crimping. In combination with the wire size on the tongue and the sleeve colour it offers a built-in quality control factor.

AMP



Product Facts

- Pre-insulated terminal designed for complete and uniform reliability in the most difficult circuit environments
- PIDG terminals consist of tin plated copper or tin plated phosphor bronze body for spring spades with a copper sleeve and insulation sleeve fitted over terminal barrel
- Design of the tool die and construction of the terminal insures uniform insulation thickness under crimping pressure, transmitting this pressure evenly to the centre of the crimp area

The AMP Mated Tool/Terminal Concept

- AMP compression crimping produced crimps for a given size wire and terminal that are precisely alike in appearance and performance
- Terminal and crimping tool are designed as precisely matched devices
- Die are precision-engineered from the finest hard-metal alloys
- Crimping pressure is controlled by a ratchet device on the hand tool or a corresponding pre-calibration in the crimping jaws of AMP automated crimping machines

The Crimp

- Crimping pressure can neither overstress nor understress the terminal barrel – machined die fully bottoms to the precise crimp height
- Oxide free gas tight joint
- Resistant to shock and critical environments
- Tensile strength approaches that of the wire itself
- PIDG terminals meet or exceed the requirements of MIL-T-7928, Type II, Class 1 and 2