

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

AMP ELECTRO-TAP Cable Connector/Splice



Product Facts

- Tap wire installed separately
- No wire stripping or cutting of run wires
- No special tools
- Permanent lock
- Self-extinguishing
- Generous lead-in
- Short overall length
- Built-in wire stop
- Works on solid or stranded wire
- Tap pre-assembly possible
- Isolated metal contacts

Description

The AMP ELECTRO-TAP connector utilizes insulation displacement type self-stripping contacts which provide faster, easier tapping than the conventional twist or other type splices. After four simple steps you have a fast, reliable connection on solid or stranded wires 20-10 AWG (.160-.195 max. insulation diameter). There is no special tooling required--ordinary pliers are all that are needed.

Each AMP ELECTRO-TAP connector is constructed of durable nylon with self-stripping, tin-plated brass contacts.

These connectors have a wide range of wiring applications in both low- and high-voltage

usage. Some typical applications include:

- Fixtures
- Automotive wiring
- Boat and trailer systems
- Control panels
- Tractors and trailers
- Open splice wiring
- Mobile homes
- Low voltage switching systems
- Plant maintenance
- School bus
- Stereo and speaker wiring
- Trailer hitches
- Equipment manufacturers
- Harness repair
- Garage repair work
- Hobby wiring
- Auto dealers

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Technical Data

Housing Material:

Nylon, color-coded

Contact Material:

Brass, tin plated

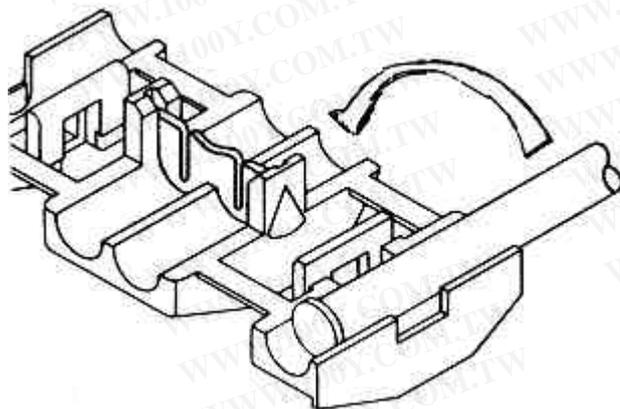
Carrying Capacity:

according wire cross section

Chemical Properties:

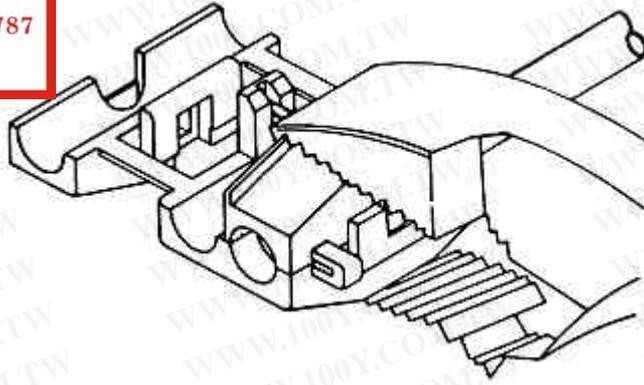
Has nylon solvent and chemical resistive properties

Assembly

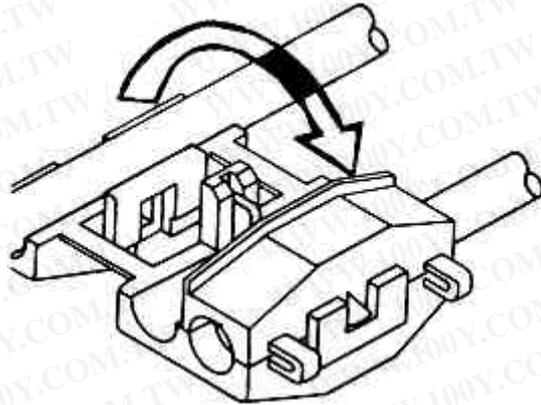


Insert wire in cover. For installation of two through wires, remove wire stop.

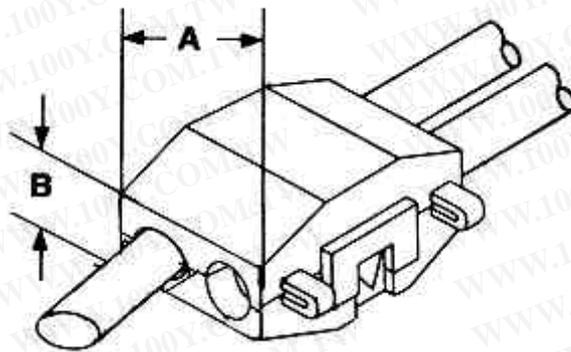
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Close cover, keep wire in position and squeeze with pliers until cover is locked.



Repeat step one for second wire.



Repeat step two.

Terminals and Splices

➔ ELECTRO-TAP Cable Connector/Splice

AMP 177766-1

(Corporate P/N: 177766-1)

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Searchable Features:

Brand:	AMP
RoHS/ELV Compliance:	RoHS compliant, ELV compliant
Lead Free Solder Processes:	Not relevant for lead free process
Product Type:	Cable Connector/Splice
Wire Range (mm [AWG]):	0.18-0.36 ²
Number of Tap Wires:	1
Tap Wire Range (mm ²):	0.18 – 0.36

Other Properties:

RoHS/ELV Compliance History:	Always was RoHS compliant
Insulation Diameter (mm [in]):	1.00-1.90 [.039-.075]
Housing Color:	Natural
Housing Material:	Nylon
Contact Material:	Brass
Contact Mating Area Plating:	Tin
Length (mm [in]):	12.00 [0.472]
Width (mm [in]):	11.00 [0.433]
Height (mm [in]):	7.00 [0.275]
Wire Type:	Thin

METRIC

C-177766

NOTES:

- ① CONTACT: BRASS, TIN PLATED
- ② HOUSING: 50% NYLON (UL94V-0)
- ③ APPLICABLE PRODUCT SPEC: 100-53000
- ④ POSITION OF 3D MARK: "C" OR "D"
- ⑤ CONTACT: PHOSPHOR BRONZE, TIN PLATED
- ⑥ HOUSING: 50% NYLON (UL94V-0)

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩