

Mechanical structure :

The center pin is fixed to the POM insulator by assemble function
Ring and the end sleeve is separate by POM, then assemble with center pin.
There' s a hole between the contact pin and body structure.
To put the fillers into the gap of the body from the hole.
Use the POM latch through to fix the body.

The body and the shell locked by screwing.
POM sleeve is fixed with end of shell by using screw.



aeeco TRS AT3-1331G



aeeco TRS AT3-1331R



aeeco TRS AT3-1331S

Note :

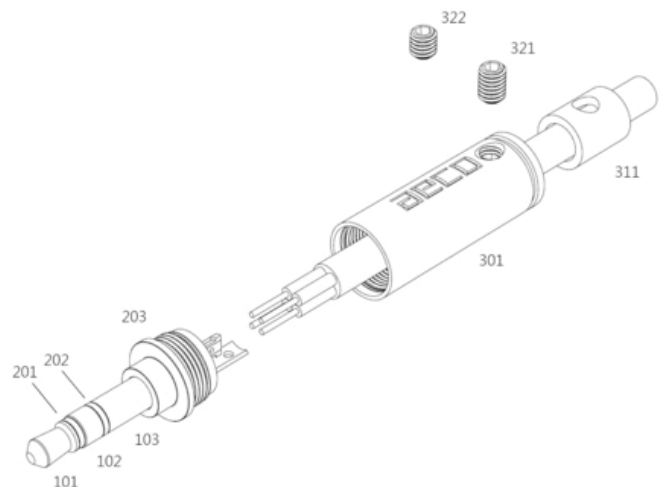
This product is include: screw for cable 3 mm*1pcs and 4 mm*1pcs.

Due to the 3.5mm plug size is small, the over soldering time will cause the insulator damage or swelling. Please process solder each channel based on recommend soldering temperature and condition.

This plug unable to contact with the adaptor which the ground is contact the sleeve conductor by shell.

Assembly :

1. We recommend to peel off the cable jacket and per conductor wire insulation.
2. Depends on cable size to decide whether use sleeve (ID 4.5mm) [311], or without sleeve (ID6.5MM) [301]. Then through into cable.
3. Contact the cable with per channel by soldering.
4. Lock the shell and body [203],
5. Please lock the cable and shell with a screw M3x4mm [321] or M3x3mm [322].



Material :

Contact Pin : Tellurium Copper (#C14500 / copper contains over 99%)
Body : Tellurium Copper (#C14500 / copper contains over 99%)
Insulator : POM (Black)
Lock head : POM (Black)
Shell : Brass alloy (#C3604)
Sleeve : POM (Black)
Screw : Stainless steel (SUS304)

Finish :

AT3-1331G

Contact pin : 10u" Gold plating (no nickel base).
Body : 10u" Gold plating (no nickel base).

AT3-1331R

Contact pin : Rhodium plating (no nickel base).
Body : Rhodium plating (no nickel base).

AT3-1331S

Contact pin : 120u" Silver plating (no nickel base).
Body : 120u" Silver plating (no nickel base).

Insulator : None.
Head lock : None.
Shell : Satin Nickel + Topcoat.
Sleeve : None.
Screw : None.

Electrical Characteristics :

Contact resistance < 1.0 mOhm

Dimension :

Biggest OD : 8.90 mm
Total Length : 42.3mm
Cable hole :
Sleeve contained in shell is 4.5mm.
Sleeve not contained in shell is 6.5mm.

Recommend soldering temperature :

Contact pin (Tip)

Temperature Soldering Iron, please keep 340 °C within 4~7 second
Temperature Soldering Iron, please keep 360 °C within 3~6 second
Temperature Soldering Iron, please keep 380 °C within 2~5 second
Temperature Soldering Iron, please keep 400 °C within 1~4 second

Body (Ring)

Temperature Soldering Iron, please keep 340 °C within 9~12 second
Temperature Soldering Iron, please keep 360 °C within 6~9 second
Temperature Soldering Iron, please keep 380 °C within 5~8 second
Temperature Soldering Iron, please keep 400 °C within 2~5 second

Body (Sleeve)

Temperature Soldering Iron, please keep 340 °C within 6~9 second
Temperature Soldering Iron, please keep 360 °C within 5~8 second
Temperature Soldering Iron, please keep 380 °C within 3~6 second
Temperature Soldering Iron, please keep 400 °C within 2~5 second

Product production process comply with RoHS.
Product made new TW patent No. M581795.