

Alligator Clip w/ Solder Wire Attachment



Applications

To make and repair alligator clip leads



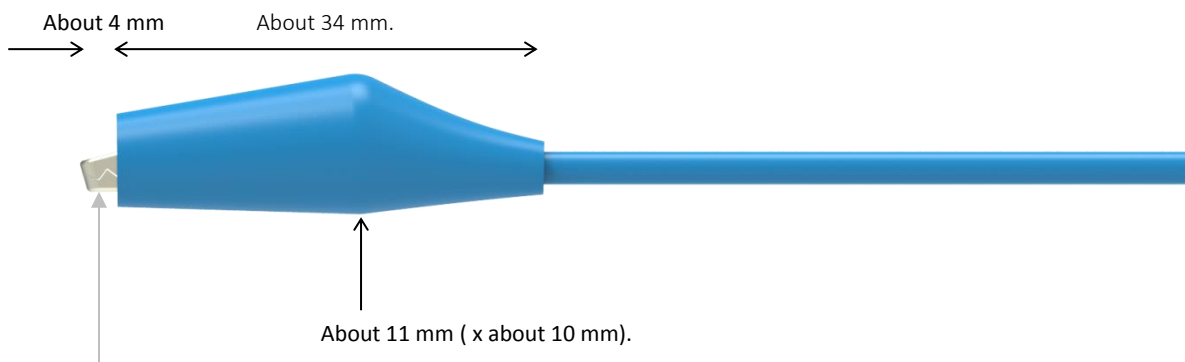
RND 350-00071



RND 350-00072

Specification

Electrical protection	30 VAC / 60 VDC, 6 A @ 40 °C
Operating Temperature Max.	60 °C
Operating Temperature Min.	-20 °C
Conductor Material	Nickel Coated Steel
Environment	RoHS compliant, Pb ≤ 4 % in conductor, Pb ≤ 0.1 % in insulator, Hg ≤ 0.1 %, Cr VI ≤ 0.1 %, Cd ≤ 0.01 %, PBB ≤ 0.1 %, and PBDE ≤ 0.1 %. REACH compliant, no substances from the candidate list of SVHC for authorisation at mass concentrations greater than 0.1 %.



4.5 mm (maximum opening).
Able to grasp Ø4 mm round pins.

Metal clip.

Soft synthetic "rubber" sheath.



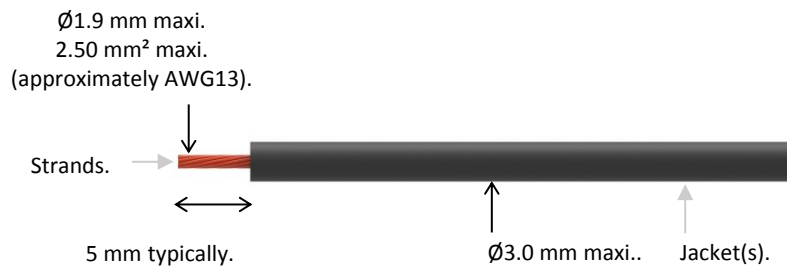
Hole of the metal clip.
It is used to solder the wire easier.

Spikes of the metal clip.
The two spikes are used to crimp the wire if necessary.

Alligator Clip w/ Solder Wire Attachment

How to use: to attach a wire.

- ➔ Step 1 of 6. Gather a solder iron (150 W maxi.), some (lead or lead-free) tin solder wire, a stranded or solid wire with the specifications below, a tool to strip the wire and a crimping tool. I strip the end of the wire on 5 mm typically.



- ➔ Step 2 of 6. Remove the soft synthetic “rubber” sheath.
- ➔ Step 3 of 6. Put the stripped end of the wire into the hole of soft synthetic “rubber” sheath. Put the stripped end of the wire into the hole of the metal clip (if necessary push the strand of the spring that may clog the hole of the metal clip).



- ➔ Step 4 of 6. With the solder iron and the tin solder wire solder the wire on the metal clip (it complies with both lead-free tin and lead-tin). (If necessary cut the excess of wire under the metal clip.)
- ➔ Step 5 of 6. Can crimp the two corners of the metal clip on the wire with the crimping tool.
- ➔ Step 6 of 6. Put the soft synthetic “rubber” on the metal clip.
- ➔ The clip is ready to use.

RND Part Nr.	Colour
RND 350-00071	Red
RND 350-00072	Black