PRODUCT FAMILIES

- Pin Headers and Sockets
- Clips and Insulators
  - Alligator Clips
  - Multi-Purpose Clips
  - Plyer-Type Clips
  - Kelvin Clips
  - Telecom Clips
- Banana Plugs and Jacks
- Grabbers, Probes and Spade Terminals
- Test Leads and Patch Cords
- Coaxial Cable Assemblies
- DMM Kits

ISO 9001:2000

Alligator Clips

A pioneer and leader in the manufacture of alligator clips, test leads, and banana plugs.
While the founder of **Mueller Electric Company** invented alligator clips, the company has since expanded its produ lines into electric test clips, test leads, test accessories, and board to board connectors, sold to qualifying manufacturers and through leading authorized distributors Browse our alligator clip selection for the best item to fulfil your requirements.

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Miniature Alligator

Model # BU-30/BU-30C

- Solder or crimp connection
- Jaw opens 0.188" (4.8 mm) max
- Material: nickel-plated steel (BU30) or solid copper (BU-30C)
- Length: 1.1" (27.78mm)
- Federal Spec: CID AA59466-001 (BU-30C)
- Rating: 5 Amps

Miniature Alligator with Barrel

Model # BU-30BL

- Solder or crimp connection
- Jaw opens 0.188" (4.8 mm) max
- Material: nickel-plated steel
- Length: 1.25" (31.75mm)
- Rating: 5 Amps

Miniature Alligator with Threaded Barrel

Model # BU-30TBO

- 6-32 threaded steel barrel connection
- Jaw opens 0.188" (4.8 mm) max
- Material: nickel-plated steel
- Length: 1.5" (38.75mm)
- Rating: 5 Amps

Insulator for Mini Alligator Barrel/Threaded Barrel

Model # BU-31-*

- Protective flexible vinyl insulator for 30BL, 30TBO
- Material: PVC
- Length: 1.63" (41.28mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White

Insulator for Miniature Alligator

Model # BU-32-*

- Protective flexible vinyl insulator for 30, 30C
- Material: PVC
- Length: 1.63" (41.28mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White

Micro-Alligator

Model # BU-34/BU-34C

- Solder or crimp connection
- Jaw opens 0.22" (5.6 mm) max
- Material: nickel-plated steel (BU34) or solid copper (BU-34C)
- Length: 1.09" (27.78mm)
- Rating: 5 Amps

Insulator for Micro Alligator

Model # BU-36-*

- Protective flexible vinyl insulator for 34, 34C
- Material: PVC
- Length: 1.22" (30.95mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White

Alligator Clip with Barrel

Model # BU-60/BU-60C/BU-60X

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Solder or crimp connection
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel (BU60), solid copper (BU-60C), solid stainless steel (BU60X)
- Length: 1.97" (50mm)
- Rating: 10 Amps

Alligator Clip with Acetate Handle

Model # BU-60H-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel clip; tenite acetate insulated handle
- Length: 2.23" (56.75mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White
- Rating: 10 Amps

Phone Tip Alligator Clip with Acetate Handle

Model # BU-60HPR-*

- Accepts standard phone tip or test prod tip
- Material: nickel-plated steel clip; tenite acetate insulated handle
- Length: 2.23" (56.75mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White
- Rating: 10 Amps

Alligator Clip with Acetate Handle and Screw

Model # BU-60HS-*/BU-60CHS-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel (BU60HS-*) or solid copper (BU-60CHS-*) clip; tenite acetate insulated handle
- Length: 2.34" (59.53mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White
- Federal Spec: AA59466-003 (red), AA59466-016 (black), (BU60CHS-*)
- Rating: 10 Amps

Phone Tip Alligator Clip

Model # BU-60PR2

- Accepts standard phone tip or test prod tip
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel
- Length: 1.97" (50mm)
- Rating: 10 Amps

Alligator Clip with Screw

Model # BU-60S/BU-60CS

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- 6-40 screw connection
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel (BU60S) or solid copper (BU-60CS)
- Length: 1.97" (50mm)
- Federal Spec: CID AA59466-002 (BU-60CS)
- Rating: 10 Amps

Threaded Barrel Alligator Clip

Model # BU-60TBO

- 8-32 threaded barrel connection
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel
- Length: 2.13" (53.97mm)
- Rating: 10 Amps

Alligator Clip

Model # BU-60U

- Solder or crimp connection
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel
- Length: 1.97" (50mm)
- Rating: 10 Amps

Alligator Clip with Cage Spring Barrel

Model # BU-61

- Cage spring connection accepts standard prod needle (0.080 dia.)
- Jaw opens 0.31" (7.9 mm) max
- Material: nickel-plated steel clip, nickel-plated brass insert, gold plated beryllium copper cage spring
- Length: 2.03" (51.59mm)
- Rating: 10 Amps

Insulator for Alligator Clips

Model # BU-62-*

- Protective flexible vinyl insulator for 60, 60C, 60CS, 60PR2, 60S, 60TBO, 60U, 60X and 61
- Material: PVC
- Length: 2.03" (51.59mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White

Insulated Alligator Clip

Model BU-63-*/BU-63C-*

- BU-63-* same as BU-60S and includes a skintight, two-piece, flexible insulator
- BU-63C-* same as BU-60CS and includes a skin-tight, two piece, flexible insulator
- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Material: nickel-plated steel (BU63-*) or solid copper (BU-63C-*); PVC insulator
- Length: 2.25" (57.15mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White
- Rating: 10 Amps

Large Safety Alligator Clip

Model # BU-65-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.75" (19 mm) max
- Material: nickel-plated steel clip, glass-filled nylon housing
- Length: 3.23" (82.04mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-6 Blue
- Rating: 1000 V, 30 Amps, IEC 1010 Compliant

Alligator Clip

Alligator Cl

Model # BU-70/BU-70C

- Solder or crimp connection
- Jaw opens 0.313" (7.9 mm) max
- Material: nickel-plated steel (BU70) or solid copper (BU-70C)
- Length: 1.69" (42.86mm)
- Rating: 5 Amps (BU70) or 10 Amps (BU70C)

Alligator Clip with Screw

Alligator Clip with Scr

Model # BU-70S/BU-70CS

- 6-40 screw or crimp connection
- Jaw opens 0.313" (7.9 mm) max
- Material: nickel-plated steel (BU70S) or solid copper (BU-70CS)
- Length: 1.69" (42.86mm)
- Federal Spec: AA59466-017 (BU-70CS-*)
- Rating: 5 Amps (BU70S) or 10 Amps (BU70CS)

Insulator for Alligator Clip

Insulator for Alligator

Model # BU-72-*

- Protective flexible vinyl insulator for 70, 70C, 70CS, 70S
- Material: PVC
- Length: 1.81" (46.04mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White

Crocodile Clip

Model # BU-85/BU-85C

- Crimp or screw connection
- Jaw opens 0.313" (7.9 mm) max
- Nesting teeth provide solid contact along entire length of jaw
- Material: zinc-plated steel (BU85) or solid copper (BU-85C)
- Length: 2.125" (53.97mm)
- Federal Spec: AA59466-005 (BU-85C)
- Rating: 5 Amps (BU85) or 10 Amps (BU85C)

Insulator for Crocodile Clip

Insulator for Crocodile

Model # BU-87-*

- Protective flexible vinyl insulator for 85, 85C
- JMaterial: PVC
- Length: 1.7" (43.26mm)
- *Std. Colors:-0 Black, -2 Red, -4 Yellow,-5 Green, -6 Blue, -9 White

Alligator Clip

Model # BU-651-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.27" (7 mm) max
- Material: nickel-plated steel clip, glass-filled nylon housing
- Length: 2.24" (57mm)
- *Std. Colors:-0 Black, -2 Red
- Rating: 1000 V category II, 600V category III, 20 Amps, IEC 1010 Compliant

Small Safety Alligator Clip with Extended Banana Jack

Model # BU-652-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 0.27" (7 mm) max
- Material: nickel-plated steel clip, glass-filled nylon housing
- Length: 3.24" (82mm)
- *Std. Colors:-0 Black, -2 Red
- Rating: 1000 V category II, 600V category III, 20 Amps, IEC 1010 Compliant

Large Flanged Safety Alligator Clip

Model # BU-654-*

- Compatible with all shrouded, unshrouded, or retractable 0.16" (4mm) banana plugs
- Jaw opens 1.00" (26 mm) max
- Material: nickel-plated steel clip, glass-filled nylon housing
- Length: 3.19" (81mm)
- *Std. Colors:-0 Black, -2 Red
- Rating: 1000 V category II, 600V category III, 20 Amps, IEC 1010 Compliant