



Grabbers and Test Clips



These plunger type action test clips are called Grabber® test clips. Hook or pin-cer style contacts attach rapidly to component leads, terminals, and IC leads down to 0,5mm pitch. The specially designed tips (see illustrations below) slide easily on .025 square wrapped wire terminals. Do-it-yourself Grabber test clips can be assembled quickly and easily by the user. Grabber test clips can also be purchased as completed patch cords that are firmly molded together to provide a strong, reliable and integral unit.



Rotating Micrograbber



Minipincer SMD Grabber



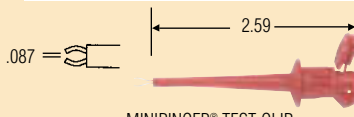
Micrograbber



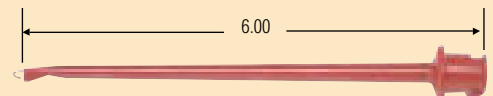
Minigrabber



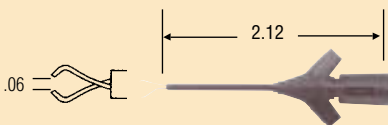
MICRO-SMD GRABBER® TEST CLIP



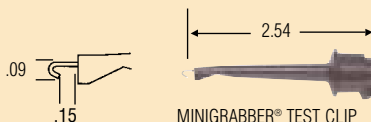
MINIPINCER® TEST CLIP



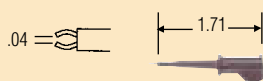
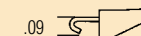
MAXIGRABBER® TEST CLIP
Fits terminals and leads up to .06" O.D. Max.



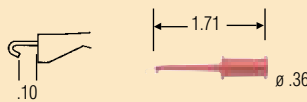
ROTATING MICROGRABBER® TEST CLIP



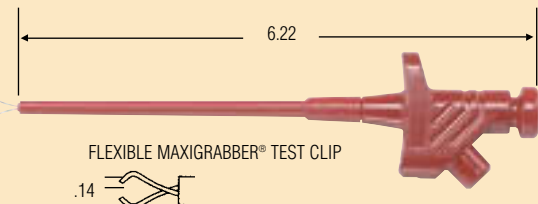
MINIGRABBER® TEST CLIP
Fits terminals and leads up to .06" O.D. Max.



SMD GRABBER® TEST CLIP



MICROGRABBER® TEST CLIP
Fits terminals and leads up to .04" O.D. Max.



FLEXIBLE MAXIGRABBER® TEST CLIP

Dimensions shown in inches.

MINIGRABBER® TEST CLIP WITH BANANA JACK



Banana Jack built into plunger.

Overall Length: 2.54".

RATING: 300V, 5 Amps, +102°C (216°F) Max.

*STD COLORS: Available in 10 colors.

Pomona
ACCESS

90603

| Model | PRICE |
|--------|-------|
| 4723-* | 4.10 |

DO-IT-YOURSELF MINIGRABBER® TEST CLIPS



Overall Length: 2.54".

RATING: 300V, 5 Amps, +102°C (+216°F) Max.

*STD COLORS: Available in 10 colors.

Pomona
ACCESS

90221

| Model | Max. Wire Dia. | PRICE |
|--------|----------------|----------|
| 3925-* | .090" | 1.35 ea. |
| 4555-* | .144" | 1.35 ea. |

Sold in pkgs of 10 per color.

| Pomona ACCESS | Model | Features | PRICE |
|------------------|---------|---|-------|
| 90221 | 4176-02 | Kit contains 2 pcs. of 3925, one black/one red | 3.05 |
| | 5522 | Kit contains 10 pcs. of 3925, one of each color | 12.10 |

MINIGRABBER® TEST CLIP WITH PIN TIP JACK



A pin jack is built right into the plunger, allowing this test clip to be attached directly to the end of a pin tip patch cord. It can also be used as an adapter for test probes with .080 tips.

Overall Length: 2.54".

RATING: 300V, 5 Amps, +102°C (+216°F) Max.

*STD COLORS: -0 blk, -2 red, -9 white.

Pomona
ACCESS

90607

| Model | PRICE |
|--------|-------|
| 4826-* | 5.65 |

MINIGRABBER® TEST CLIP WITH 6-32 THREAD



Clip can be used with oscilloscope leads equipped with a 6-32 screw.

Overall Length: 2.54".

RATING: 300V, 5 Amps, +102°C (+216°F) Max.

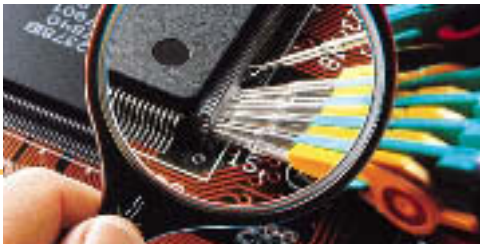
*STD COLORS: -0 blk, -2 red.

Pomona
ACCESS

90456

| Model | PRICE |
|-------|-------|
| 4311 | 2.45 |

Threaded Tip Adapters



**Pomona
ACCESS**

FAX ON DEMAND This symbol indicates immediate Fax-On-Demand Technical Information is available. Dial (U.S.) (800) 444-6785, (Outside U.S.) (909) 469-2991. Enter the Pomona Access number (shown in italics) when prompted.

MICRO SMD GRABBER® TEST CLIP FOR 1.25 TO 0.5 MM LEAD PITCH

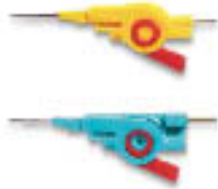
NEW



- Use with PQFP & SOIC packages with 0.5mm lead pitch or greater.
- Pincers and .030" pin plug are directly connected; no sliding parts.
- Pincers are stationary. Housing moves to close tips together.
- Device under test must be inactive when connecting pincers.
- *STD COLORS: available in 10 colors.

| Pomona ACCESS | Model | PRICE |
|----------------------|--------|-------|
| 90919 | 6490-* | 18.00 |

MICRO SMD GRABBER® TEST CLIP FOR 1.25 TO 0.2 MM LEAD PITCH



- Use with PQFP, SOIC, TSOP & SSOP packages with lead pitches down to 0.2 to 0.5 mm.
 - Thin body allows an unlimited number of clips to be stacked side by side.
 - Maximum frequency is 100MHz.
- RATING: 45V

| Pomona ACCESS | Model | Profile Height | Lead Pitch | Tip | Qty | Colors | PRICE |
|----------------------|-------|----------------|--------------|-------|-----|--------|------------|
| 90870 | 6442 | 7mm (low) | 1.25 - 0.3mm | Long | 10 | 10 | 318.00 Set |
| 90684 | 6311 | 14mm | .85 - 0.2mm | Long | 2 | 2 | 75.00 Set |
| 90684 | 6351 | 14mm | .85 - 0.2mm | Long | 10 | 2 | 362.00 Set |
| 90685 | 6312 | 14mm | 1.25 - 0.3mm | Long | 2 | 2 | 75.00 Set |
| 90685 | 6352 | 14mm | 1.25 - 0.3mm | Long | 10 | 2 | 362.00 Set |
| 90686 | 6313 | 14mm | 1.25 - 0.3mm | Short | 2 | 2 | 65.00 Set |
| 90686 | 6353 | 14mm | 1.25 - 0.3mm | Short | 10 | 2 | 315.00 Set |

Supplied with female to male flying leads.

MICRO SMD GRABBER® TEST CLIP FOR TRUE KELVIN MEASUREMENT

NEW



- Obtain true Kelvin measurement for any SMT package.
- Attach directly to your 4-wire instrument.
- Extremely small body height for tight test areas.
- For 1.25 to 0.3mm lead pitch.
- Includes 2 grabbers and cords.

| Pomona ACCESS | Model | PRICE |
|----------------------|-------|-------|
| 90872 | 6444 | 71.00 |

OSCILLOSCOPE PROBE TIP ADAPTERS

NEW



- Adapter attaches directly to the oscilloscope probe tip.
- Designed for use with Micro SMD Grabber Test Clips.

| Pomona ACCESS | Model | Probe Type | PRICE |
|----------------------|-------|------------|-------|
| 90871 | 6443 | Monolithic | 49.00 |
| | 6553 | Modular | 49.00 |

ROTATING MICROGRABBER® TEST CLIP WITH TWO .025" SQUARE PINS

| Pomona ACCESS | Model | PRICE |
|----------------------|--------|-------|
| 90649 | 5790-* | 6.00 |



Use when testing IC leads at .050" pitch or in other tight situations. Pincers rotate for ease of access.
Overall Length: 2.12".
RATING: 45 VAC, 2 Amps Max.
*STD COLORS: -0 black, -2 red.

| Pomona ACCESS | Model | Features | PRICE |
|----------------------|--------|--|-------|
| 90649 | 5929-* | Rotating Micrograbber® Test Clip Kit. -0 kit contains 10 Model 5790 black clips, -2 kit contains 10 red clips. | 54.00 |
| | 5930 | Rotating Micrograbber® Test Clip Kit. Kit contains 5 Black & 5 Red Model 5790 clips. | 54.00 |



Grabbers and Test Clips

Pomona®



All dimensions in inches unless otherwise noted.

Grabbers and Test Clips

DO-IT-YOURSELF SMD GRABBER® TEST CLIPS



Pincer type contact designed for testing .050" lead pitches such as SOJ, SOIC & PLCC surface mounted packages.

Overall Length: 1.71".

.090 dia. max. wire opening.

RATING: 150V, 0.5 Amps, +102°C (+216°F) Max.

*STD COLORS: Available in 10 colors.

| Pomona ACCESS | Model | Features | PRICE |
|---------------|--------|--|----------|
| 90319 | 5243-* | Sold in pkgs of 10 per color | 1.80 ea. |
| | 5520 | Kit containing 10 pcs of 5243, one of each color | 16.35 |

SMD GRABBER® TEST CLIP WITH .025" SQUARE PIN



Pincer type contact designed for testing .050" lead pitches such as SOJ, SOIC & PLCC surface mounted packages.

Overall Length: 1.71".

.15" sq. access hole leads to .025" sq. pin.

Overall Length: 1.73".

RATING: 150V, 0.5 Amps, +102°C (+216°F) Max.

*STD COLORS: Available in 10 colors.

| Pomona ACCESS | Model | PRICE |
|---------------|--------|-------|
| 90636 | 5360-* | 2.20 |

| Pomona ACCESS | Model | Features | PRICE |
|---------------|-------|---|-------|
| 90636 | 5927 | SMD Grabber® Test Clip w/ .025" Sq. Pin Kit. Contains 10 Model 5360 clips, one of each color. | 35.20 |

.025" Square Pin Patch Cords available - See p. 68.

DO-IT-YOURSELF MICROGRABBER® TEST CLIPS



Overall Length: 1.71".

RATING: 150V, 3 Amps, +102°C (+216°F) Max.

*STD COLORS: Available in 10 colors.

For hook dimensions- See p. 70

| Pomona ACCESS | Model | Features | PRICE |
|---------------|--------|--|----------|
| 90592 | 4233-* | Sold in pkgs of 10 per color | 1.40 ea. |
| | 5524 | Kit containing 10 pcs of 4233, one of each color | 12.10 |

MICROGRABBER® TEST CLIP WITH .025" SQUARE PIN



Overall Length: 1.73".

RATING: 150V, 3 Amps, +102°C (+216°F) Max.

*STD COLORS: Available in 10 colors.

For hook dimensions- See p. 70

| Pomona ACCESS | Model | PRICE |
|---------------|--------|-------|
| 90264 | 4521-* | 2.50 |

| Pomona ACCESS | Model | Features | PRICE |
|---------------|-------|---|-------|
| 90264 | 5925 | Micrograbber w/ .025" Sq. Pin Kit. Contains 10 Model 4521 clips, one of each color. | 22.50 |

Square Pin Patch Cords available - See p. 68.

DO-IT-YOURSELF MINIPINCER® TEST CLIP



Pincer type contact.

Overall Length: 2.59".

RATING: 300V, 5 Amps, +80°C (+176°F) Max.

*STD COLORS: Available in all 10 colors.

For pincer dimensions- See p. 70

| Pomona ACCESS | Model | PRICE |
|---------------|--------|-------|
| 90638 | 5418-* | 1.65 |

DO-IT-YOURSELF MAXIGRABBER® TEST CLIPS



Fits entry holes as small as .250" dia.

Overall Length: 6.00".

RATING: 300V, 5 Amps, +102°C (+216°F) Max.

*STD COLORS: -0 blk, -2 red.

For hook dimensions- See p. 70

| Pomona ACCESS | Model | Max. Wire Dia. | PRICE |
|---------------|--------|----------------|-------|
| 90391 | 4225-* | .090" | 3.60 |
| | 4565-* | .144" | 3.60 |

DO-IT-YOURSELF FLEXIBLE MAXIGRABBER® TEST CLIP



Rotating pincer type contact for easier access. Standard banana jack and screw for direct wire termination.

Overall Length: 6.22".

RATING: 250V.

*STD COLORS: -0 black, -2 red.

For pincer dimensions- See p. 70

| Pomona ACCESS | Model | PRICE |
|---------------|--------|-------|
| 90650 | 5830-* | 7.45 |

Pomona Electronics

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INSULATED MINIGATOR TEST CLIP TO PIN TIP JACK



Alligator clip has .187" max. jaw opening.
Overall Length: 2.05".
RATING: 45V, 5 Amps, +50°C (+122°F) Max.
*STD COLORS: -0 blk, -2 red.

| Pomona ACCESS | Model | PRICE |
|--------------------------|--------|-------|
| 90577 | 3491-* | 2.95 |

ALLIGATOR TEST CLIP TO BANANA JACK, WITH INSULATOR



Alligator clip has .300" max. jaw opening.
Overall Length: 2.16".
RATING: 150V, 5 Amps, +50°C (+122°F) Max.
*STD COLORS: -0 blk, -2 red.

| Pomona ACCESS | Model | Plating | Features | PRICE |
|--------------------------|--------|---------|------------------------------|---------|
| 90317 | 3289-* | Gold | 1 clip and insulator/pkg. | 2.30 |
| 90303 | 2240-* | Nickel | 10 clips and insulators/pkg. | .60 ea. |
| 90939 | 6567 | Nickel | 10 clips w/o insulators/pkg. | .55 ea. |

Sold unassembled

ALLIGATOR TEST CLIP TO BANANA JACK WITH INSULATOR

Interfaces to Pomona Sheathed Test leads 5907A, 5908A and 5909A. See page 12.

NEW



Alligator clip has .300" max. jaw opening.
Overall Length: 2.05".
RATING: 150V, 5 Amps, +50°C (+122°F) Max.
*STD COLORS: -0 blk, -2 red.

| Pomona ACCESS | Model | PRICE |
|--------------------------|--------|-------|
| 90979 | 6573-* | 3.50 |

MINIATURE ALLIGATOR TEST CLIP WITH 2 MM BANANA JACK



Alligator clip has .240" max. jaw opening.
Overall Length: 1.57".
RATING: 45V, +80°C (+176°F) Max.
*STD COLORS: -0 blk, -2 red.

| Pomona ACCESS | Model | PRICE |
|--------------------------|--------|----------|
| 90471 | 5788-* | 1.65 ea. |

Sold in pkgs of 10 per color.

ALLIGATOR TEST CLIP TO PIN TIP JACK WITH INSULATOR



Alligator clip has .300" max. jaw opening.
Accepts .080" dia. pin.
Overall Length: 2.16".
RATING: 150V, 5 Amps, +50°C (+122°F) Max.
*STD COLORS: -0 blk, -2 red.

| Pomona ACCESS | Model | PRICE |
|--------------------------|--------|----------|
| 90270 | 1437-* | 1.65 ea. |

Sold in pkgs of 10 per color.

(Sold unassembled) 10 clips and 10 insulators per pkg.

EXTRA LARGE ALLIGATOR CLIP SET



Insulated clip with sheathed 4mm receptacle accepts flexible lead sets 5907A, 5908A and 5909A (p. 24).
Jaw opens to 1.0" max.
Overall length 3.5".
Conforms to IEC1010-2-031, Overvoltage category III, 1000V, 20 Amps Max.

| Pomona ACCESS | Model | Features | PRICE |
|--------------------------|--------|------------------------------|-------|
| 90406 | 6041B | Set of 2 Clips Black and Red | 8.80 |
| | 6042-* | 1 Clip | 4.40 |

*Std. Colors: -0 Black, -2 Red



MEDIUM ALLIGATOR CLIP SET



Insulated clip with sheathed 4mm receptacle accepts flexible lead sets 5907A, 5908A, 5909A (p. 24).
Jaw opens to 0.30" max.
Overall length 2.25".
Conforms to IEC1010-2-031, Overvoltage category II, 300V, 5 Amps Max.

| Pomona ACCESS | Model | Features | PRICE |
|--------------------------|-------|------------------------------|-------|
| 90405 | 5916A | Set of 2 Clips Black and Red | 7.15 |

