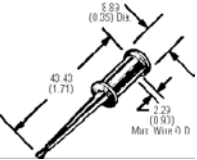


Test Clips, Adapters and Grabbers

Test Clips



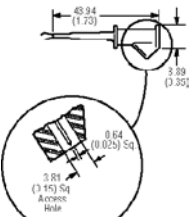
SMD Grabber® Test Clips
Do-It-Yourself SMD Grabber
Test Clip

Do-it-yourself test clip especially suited for testing surface mounted packages on centers as small as .030". Pincer-like contact grasps individual legs of SMDs, such as the SOIC, SOJ, PCC, etc. **Material:** Selectively gold plated stainless steel contact. **Insulation:** Glass filled nylon. **Rating:** 45 VAC, 0.5 amps, +102°C max. Access in cap for 0.090" maximum wire diameter.

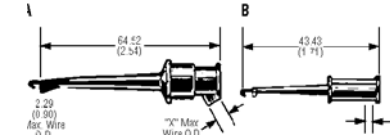
885-5200. 5243-0. Black.....	PER PK./10	18.00
885-5205. 5243-2. Red.....	PER PK./10	18.00

SMD Grabber® Test Clip with
0.6 (.025) Square Pin

1st End: Contact, stainless steel, selectively gold plated. **Insulation:** Glass filled nylon. 2nd End: Square pin, phosphor bronze, gold plated. **Rating:** 45 VAC; 0.5 amps; +102°C (+216°F) max. 885-6274. 5360-0. Black.....EACH 2.20 885-6276. 5360-2. Red.....EACH 2.20 885-6275. 5360-1. Brown.....EACH 2.20 885-6277. 5360-3. Orange.....EACH 2.20 885-6278. 5360-4. Yellow.....EACH 2.20 885-6279. 5360-5. Green.....EACH 2.20 885-6280. 5360-6. Blue.....EACH 2.20 885-6281. 5360-7. Violet.....EACH 2.20 885-6282. 5360-8. Gray.....EACH 2.20 885-6283. 5360-9. White.....EACH 2.20



Do-It-Yourself Minigrabber® Test Clip — Fig. A



Material, Contact: Gold plated beryllium copper. **Finish:** Glass plated. **Insulation:** Glass filled nylon. **Rating:** +102°C (+216°F) max. **Rating:** 45 VAC, 5 amps. 885-0952. 3925-0. Black, "X" = 2.30 (.090).....PER PK./10 13.50 885-0951. 3925-2. Red, "X" = 2.30 (.090).....PER PK./10 13.50 885-5416. 3925-4. Yellow, "X" = 2.30 (.090).....PER PK./10 13.50 885-5417. 3925-5. Green, "X" = 2.30 (.090).....PER PK./10 13.50 885-0958. 4555-0. Black, "X" = 3.66 (.144).....PER PK./10 13.50 885-0957. 4555-2. Red, "X" = 3.66 (.144).....PER PK./10 13.50 885-5420. 4555-4. Yellow, "X" = 3.66 (.144).....PER PK./10 13.50 885-5421. 4555-5. Green, "X" = 3.66 (.144).....PER PK./10 13.50

Minigrabber® Test Clip with 6-32 Thread

Test clip can be used with oscilloscope leads with a 6-32 screw. Threaded insert, brass. **Rating:** 45 VAC, 5 amps. 885-5450. 4011-0. Black.....EACH 3.15

Do-It-Yourself Micrograbber® Test Clip — Fig. B

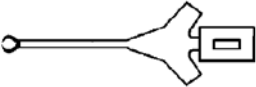
Accepts 2.3 (.090) O.D. wire. **Rating:** 45 VAC, 3 amps. 885-5410. 4233-0. Black.....PER PK./10 14.00 885-5411. 4233-2. Red.....PER PK./10 14.00 885-5412. 4233-4. Yellow.....PER PK./10 14.00 885-5413. 4233-6. Blue.....PER PK./10 14.00

Minipincer Test Clips



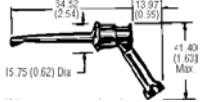
Do-It-Yourself Minipincer Test Clip. Utilizes a snap-on cap and a solder contact to provide a reliable connection. Lower contact has pincer-type action. **Material:** Contact, selectively gold plated beryllium copper. **Insulation:** Nylon. **Rating:** 45 VAC, 5 amps, +102°C max. 885-5418. 5418-0. Black.....EACH 1.65 885-5419. 5418-2. Red.....EACH 1.65

Rotating Micrograbber® Test Clip



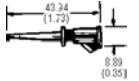
Rotating Micrograbber Test Clip. Ideal for testing surface mounted devices (SMDs), high density leads with 1.2 mm (0.05") spacing, and fine gauge wires (0.1 mm/0.004"). Two access entries with 0.6 mm (0.025") square pins. Rotating pincers grasp leads firmly. Extended guide tube reaches into tight areas and can be bent to a 35° angle. **Rating:** 42 VAC, 2 A max. 885-5780. 5790-0. Black.....EACH 5.40 885-5781. 5790-2. Red.....EACH 5.40

Minigrabber® Test Clip with Banana Jack



Clip has a standard banana jack built into the plunger. Banana jack, brass, nickel plated. **Rating:** 45 VAC, 5 amps. 885-4722. 4723-0. Black.....EACH 4.10 885-4723. 4723-2. Red.....EACH 4.10

Micrograbber® Test Clip with 0.64 mm (.025) Square Pin



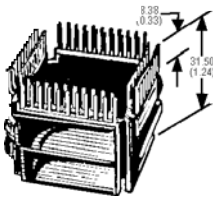
Square pin, phosphor bronze. **Rating:** 45 VAC, 3 amps. 885-5451. 4521-0. Black.....EACH 2.50

Do-It-Yourself Flexible Maxigrabber® Test Clip



This flexible clip has a rotating pincer type contact to make access easier. Standard banana jack and screw for direct wire termination. 885-6067. 5830-0. Black.....EACH 7.45 885-6068. 5830-2. Red.....EACH 7.45

Test Adapters



PLCC Quad Clip® Test Adapter

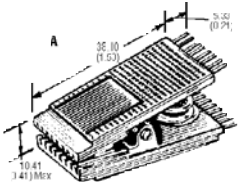
Test adapters designed for plastic leaded chip carriers (PCC or PLCC) with "J" leads. Snap-ring design allows Quad Clip® Test Adapter to fit directly into IC, providing hands-free testing. **Upper:** .025" square pins, gold plated, phosphor bronze. **Lower:** Contracts, gold plated beryllium copper. **Insulation:** Glass filled nylon, gray. **Rating:** 500 Vrms, 1 amp, +102°C max.

885-5279. 5279. 20 Pin.....	EACH	19.50
885-5281. 5280. 28 Pin.....	EACH	31.90
885-5733. 5733. 32 Pin.....	EACH	33.50
885-5261. 5281. 44 Pin.....	EACH	37.50
885-5312. 5312. 52 Pin.....	EACH	44.00
885-5310. 5401. 68 Pin.....	EACH	50.00
885-5311. 5402. 84 Pin.....	EACH	60.00

Quad Clip® Test Adapter Kit

Kit contains 6 sizes of Quad Clips: 20, 28, 32, 44, 52, 68 and 84 pin, housed in a protective case. 885-5515. 5515A.....EACH 245.00

DIP Clip® Test Adapters



DIP Clip test adapters are designed especially for testing dual-in-line IC packages on high-density P.C. boards. The DIP Clip test adapter has many built-in features that assure a positive electrical connection and at the same time provide hands-free testing. The high density DIP Clip TEST adapters are used for ultra-dense packaged chips located adjacent to each other on 2.54 mm (.100) spacing. **Material:** Contact, tarnish resistant nickel, silver or gold plated beryllium copper. Stainless steel hinge pin and spring. **Insulation:** Glass filled nylon, blue. **Rating:** 500 VRMS, 1 amp, +102°C (+216°F) max.

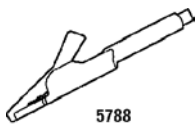
Standard Test Clips

885-5014. 5014. 14 Pin DIP.....	EACH	7.60
885-3916. 3916A. 16 Pin DIP.....	EACH	6.85
885-5120. 5120. 20 Pin DIP. Gold.....	EACH	11.55
885-4124. 4124A. 24 Pin DIP.....	EACH	15.00
885-4140. 4140A. 40 Pin DIP.....	EACH	21.95

High Density Test Clips

885-5114. 5114. 14 Pin DIP.....	EACH	9.75
885-4236. 4236A. 16 Pin DIP.....	EACH	6.85
885-5001. 5220. 20 Pin DIP.....	EACH	11.55
885-4324. 4324A. 24 Pin DIP.....	EACH	15.00
885-4340. 4340A. 40 Pin DIP.....	EACH	21.95

Insulated Alligator Clip Banana Jack

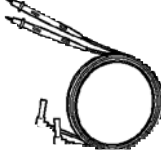


Material: Alligator clip, steel. Accepts standard banana plug. **Finish:** Nickel plated. **Insulation:** Vinyl. **Rating:** +50°C (+122°F) max.

885-2241. 2240-0. Black with Flexible Boot.....	PER PK./10	6.00
885-2243. 2240-2. Red with Flexible Boot.....	PER PK./10	6.00

Miniature insulated with miniature banana jack. **Overall Length:** 1.57". 885-5791. 5788-0. Black.....PER PK./10 16.50 885-6792. 5788-2. Red.....PER PK./10 16.50

Replacement
Test Lead Sets



Each set contains 2 PVC insulated leads, one black and one red.

885-5600. 5516A. Fits most older Amprobe meters.....	EACH	13.15
885-5601. 5517A. Fits Simpson 260, -7, -8 meters.....	EACH	13.15
Model 5519A. Fits Fluke, HP, Tektronix, Wavetek and newer Amprobe meters.		
885-5529. 5519A.....	EACH	9.90

Minigrabber® Test Clips

Minigrabber® Test Clip To Right Angle
Sheathed Banana Plug



18 AWG silicone insulated wire. **Rating:** 1000 V, 5 amps per IEC1010-2-031 CAT III P2. **Standard Colors:** Black and red. 885-5602. 6244-48-0. Black.....EACH 6.80 885-5603. 6244-48-2. Red.....EACH 6.80

Minigrabber® Test Clip to Straight
Sheathed Banana Plug



18 AWG silicone insulated wire. **Rating:** 1000 V, 5 amps per IEC1010-2-031 CAT III P2. **Standard Colors:** Black and red. 885-5604. 6245-48-0. Black.....EACH 6.80 885-5605. 6245-48-2. Red.....EACH 6.80

Minigrabber® Test Clip Patch Cord



18 AWG silicone insulated wire. **Rating:** 1000 V, 5 amps per IEC1010-2-031 CAT III P2. **Standard Colors:** Black and red. 885-5606. 6246-12-0. Black.....EACH 4.00 885-5607. 6246-12-2. Red.....EACH 4.00 885-5608. 6246-24-0. Black.....EACH 4.00 885-5609. 6246-24-2. Red.....EACH 4.00 885-5610. 6246-36-0. Black.....EACH 4.00 885-5611. 6246-36-2. Red.....EACH 4.00

Minigrabber®
Test Clip Each End

Wire: 20 AWG, 41 x t.c. PVC insulated, 2.21 mm (.087) O.D. **Rating:** 45 VAC, 12 amps. 885-5432. 3781-8-0. Black, 8'.....EACH 3.40 885-5433. 3781-8-2. Red, 8'.....EACH 3.40 885-0910. 3781-12-0. Black, 12'.....EACH 3.40 885-0911. 3781-12-2. Red, 12'.....EACH 3.40 885-0916. 3781-18-0. Black, 18'.....EACH 3.40 885-0917. 3781-18-2. Red, 18'.....EACH 3.40 885-0912. 3781-24-0. Black, 24'.....EACH 3.40 885-0913. 3781-24-2. Red, 24'.....EACH 3.40 885-5438. 3781-36-0. Black, 36'.....EACH 3.40 885-5439. 3781-36-2. Red, 36'.....EACH 3.40 885-0914. 3781-48-0. Black, 48'.....EACH 3.70 885-0915. 3781-48-2. Red, 48'.....EACH 3.70 885-0918. 3781-60-0. Black, 60'.....EACH 3.70 885-0919. 3781-60-2. Red, 60'.....EACH 3.70