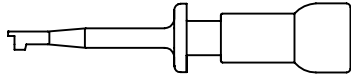


E-Z-MICRO-HOOK TEST CONNECTORS

BASIC MODEL

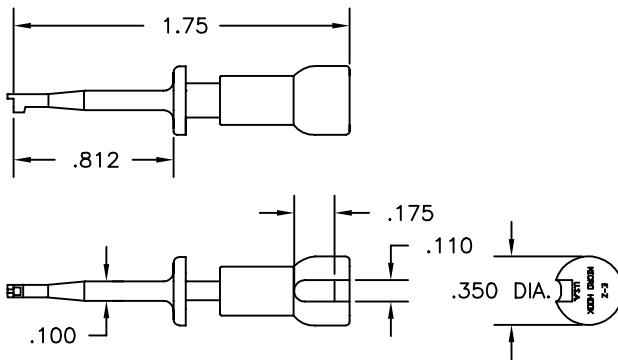


Actual Size

Part Number	Description
XM-(color)	Micro-Hook Test Connector
XM-S	Assortment - 1 each of 10 Solid Colors
XM-NM (color)	Non Magnetic Micro Hook
XM-NM-S	Assortment - 1 each of 10 Solid Colors

Colors: Brown, Black, Red, Orange, Yellow, Green, Blue, Violet, Gray and White PLUS Kilo-Color Capability. See inside back cover for Kilo-Color Ordering Information.

The XM Micro-Hook is designed for difficult IC test connections. Lightweight (less than 1 gram) and Finger-eze Hypo Action permit direct hook up to delicate wires where weight and leverage may damage component. Insulated to a single contact point to assure true readings. Barrier on tip prevents shorting between DIP legs.



Construction: One-Piece Beryllium Copper, Gold-Plated Conductor and Hook per MIL G45204. Made for connections over component leads up to .025" (.635mm) diameter. Durable Nylon Body and Plunger. Stainless Steel Compression Coil Spring provides approximately 8 ounces (227 Grams) contact pressure.

Field Serviceable: To connect or replace leads, pull straight out on plunger until it slips free of body. Strip lead wire 3/4" (19mm), feed wire through plunger and wrap around terminal as shown in figure 1. Solder. Cut off excess wire at solder point.

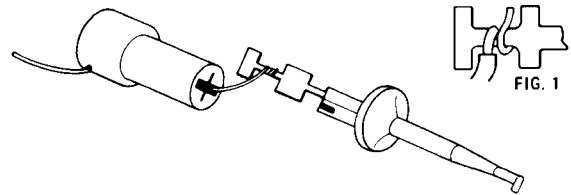
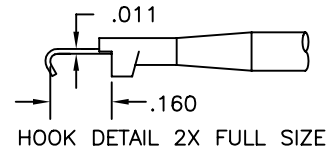


FIG. 1

Reassemble, making sure that terminal and nylon fins enter their respective grooves. Keep slack in lead wire pulled out while assembling to prevent binding.



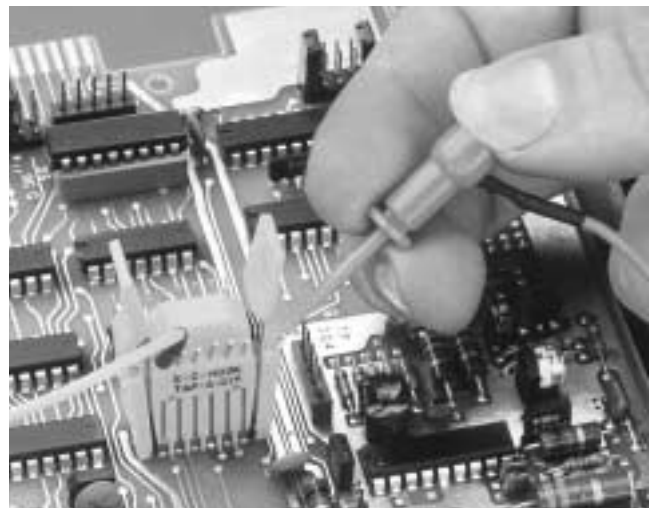
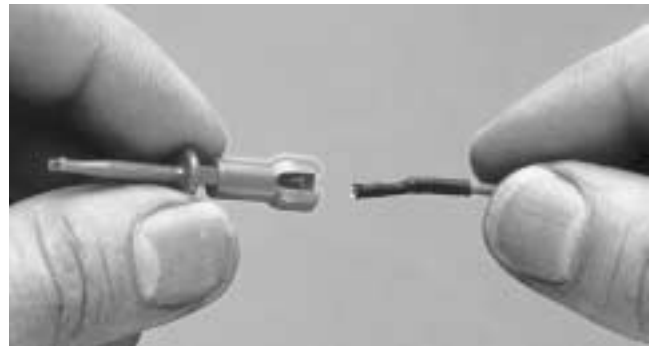
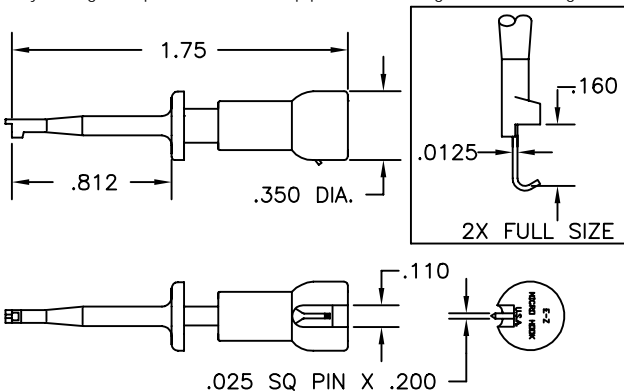
XM25 MICRO-HOOK® ADAPTOR with .025" (.635mm) SQUARE PIN

Part Number	Description
XM25-(color)	Micro-Hook with .025" Square Pin
XM25-S	Assortment - 1 each of 10 Solid Colors
XM25-14S	14 Hook Kilo-Color Assortment
XM25-16S	16 Hook Kilo-Color Assortment
XM25SS-(color)	Micro-Hook with .025" Square Pin, Stainless Steel
XM25SS-S	Assortment - 1 each of 10 Solid Colors

Colors: Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray and White PLUS Kilo-Color Capability. See inside back cover for Kilo-Color Ordering Information.

Construction: One-Piece Gold-Plated Beryllium Copper Blade forms Hook. Conductor and .025" Square Pin is accessible through lead exit slot in plunger permits connection to .025" Square or .030" Round Push-On Jumpers.

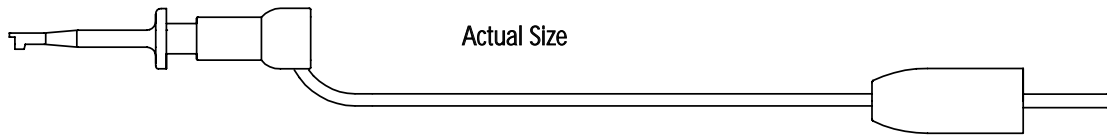
Hook is designed for connection directly to a single leg of a DIP or to other components with a maximum diameter of .025". Lightweight and Finger-eze Hypo Action permit hook ups to delicate wires where weight and leverage may damage component Barrier on tip prevents shorting between DIP legs.



E-Z-MICRO-HOOK TEST LEADS

MICRO-HOOK TO .080" (2.03mm) PIN PLUG

COLOR CHART	
Black	Green
Brown	Blue
Red	Violet
Orange	Gray
Yellow	White



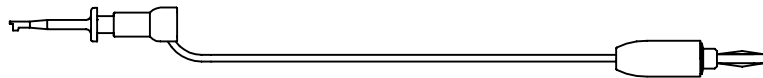
.080" (2.03mm) PIN PLUG: Nickel-Plated Brass Body. Plastic Handle. Solderless Assembly See P/N 9201.

Standard Unit Part Number AXM-(color)	22AWG 36"	Lead Length 90cm
Additional Lengths		
AXM-12-(color)	12"	30cm
AXM-18-(color)	18"	45cm
AXM-24-(color)	24"	60cm
AXM-48-(color)	48"	120cm
AXM-60-(color)	60"	150cm
AXMC-(color)	48" Coil Cord	

MICRO-HOOK:	Gold-Plated BeCu Contact per MIL G45204. Nylon Body with removable Plunger for easy service. Stainless Steel Spring. Hook fits component leads to .025" (.635mm) dia.
LEAD WIRE:	22AWG 65 x 40 Tinned Copper with extra flexible PVC Insulation. 28AWG 19 x 40 Tinned Copper with extra flexible PVC Insulation. 24AWG 19 x 36 Tinned Copper with Teflon Insulation. Temperature to 200°C.
COIL CORD:	22 AWG 26 x 36 PVC Insulated. Urethane Jacket. 7" Coil Length. 6" Pigtails. 48" Reach.
COLOR CHOICES	1. Single Color Unit: Add desired color to Part No. See Color Chart. Example: AXM-Red. 2. Color Assortment (1 ea of 10 Colors): Add -S after Part No. Example: AXM-S. 3. Multicolor Unit: See Kilo-Color Ordering Information on inside back cover.

MICRO-HOOK TO STANDARD BANANA PLUG (Illustration NOT to Scale)

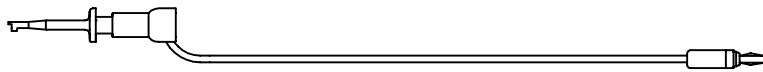
Standard Unit Part Number BXM-(color)	22AWG 36"	Lead Length 90cm
Additional Lengths		
BXM-12-(color)	12"	30cm
BXM-18-(color)	18"	45cm
BXM-24-(color)	24"	60cm
BXM-48-(color)	48"	120cm
BXM-60-(color)	60"	150cm
BXMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.
STANDARD BANANA PLUG: Nickel-Plated Brass Body. Nickel-Silver Leaf Springs. Plastic Handle. Solderless Assembly. See P/N 9202.

MICRO-HOOK TO MINIATURE BANANA PLUG (Illustration NOT to scale)

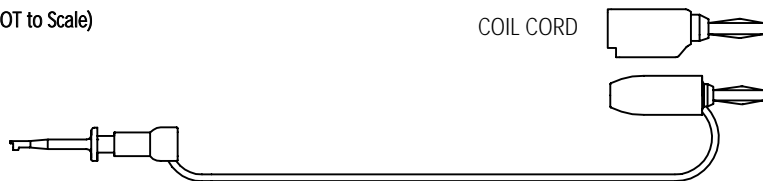
Standard Unit Part Number CXM-(color)	22AWG 36"	Lead Length 90cm
Additional Lengths		
CXM-12-(color)	12"	30cm
CXM-18-(color)	18"	45cm
CXM-24-(color)	24"	60cm
CXM-48-(color)	48"	120cm
CXM-60-(color)	60"	150cm
CXMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.
STANDARD BANANA PLUG: Nickel-Plated Phosphor Bronze Body. Nickel-Plated BeCu Leaf Springs. Plastic Handle. Solder Assembly. See P/N 9213.

MICRO-HOOK TO STACKING BANANA PLUG (Illustration NOT to Scale)

Standard Unit Part Number 201XM-(color)	22AWG 36"	Lead Length 90cm
Additional Lengths		
201XM-12-(color)	12"	30cm
201XM-18-(color)	18"	45cm
201XM-24-(color)	24"	60cm
201XM-48-(color)	48"	120cm
201XM-60-(color)	60"	150cm
201XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.
STACKING BANANA PLUG: Nickel-Plated Brass Body. Nickel-Silver Leaf Springs. Plastic Handle. Solderless Assembly. See P/N 9203.

MICRO-HOOK TO STACKING .080" (2.03mm) PIN PLUG (Illustration NOT to Scale)

Standard Unit Part Number 202XM-(color)	22AWG 36"	Lead Length 90cm
Additional Lengths		
202XM-12-(color)	12"	30cm
202XM-18-(color)	18"	45cm
202XM-24-(color)	24"	60cm
202XM-48-(color)	48"	120cm
202XM-60-(color)	60"	150cm
202XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.
STACKING .080" (2.03mm) PIN PLUG: Nickel-Plated Brass Body. Plastic Handle. Solderless Assembly. See P/N 9204.

MICRO-HOOK TO METER BANANA PLUG (Illustration NOT to Scale)

Standard Unit Part Number 205XM-(color)	22AWG 36"	Lead Length 90cm
Additional Lengths		
205XM-12-(color)	12"	30cm
205XM-18-(color)	18"	45cm
205XM-24-(color)	24"	60cm
205XM-48-(color)	48"	120cm
205XM-60-(color)	60"	150cm
205XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.
METER BANANA PLUG: Nickel-Plated Brass Body. Phosphor Bronze Springs. Plastic Handle. Solder Assembly.
Red, Black. Red will be supplied with colors other than Black Unit. See P/N 9206.

E-Z-MICRO-HOOK TEST LEADS

MICRO-HOOK TO .025" (.635mm) SQUARE SOCKET (Illustration NOT to Scale)

Part Number	22AWG	Lead Length
203XM-6-(color)	6"	15cm
203XM-12-(color)	12"	30cm
203XM-18-(color)	18"	45cm
203XM-24-(color)	24"	60cm
203XM-36-(color)	36"	90cm
203XM-48-(color)	48"	120cm
203XM-60-(color)	60"	150cm
203XMC-(color)	48" Coil Cord	

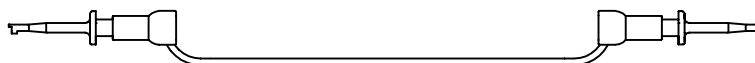


MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
.025" (.635mm) SQ. SOCKET: Brass Body. Gold-Plated BeCu Springs. Heat Shrink Insulation. Crimp assembly. See P/N 9205.

Part Number	28AWG	Lead Length
703XM-6-(color)	6"	15cm
703XM-12-(color)	12"	30cm
703XM-18-(color)	18"	45cm
703XM-24-(color)	24"	60cm
703XM-36-(color)	36"	90cm
703XM-48-(color)	48"	120cm
703XM-60-(color)	60"	150cm

MICRO-HOOK TO MICRO-HOOK JUMPER (Illustration NOT to Scale)

Part Number	22AWG	Lead Length
204XM-3-(color)	3"	8cm
204XM-6-(color)	6"	15cm
204XM-12-(color)	12"	30cm
204XM-18-(color)	18"	45cm
204XM-24-(color)	24"	60cm
204XM-36-(color)	36"	90cm
204XM-48-(color)	48"	120cm
204XM-60-(color)	60"	150cm
204XMC-(color)	48" Coil Cord	



TEFLON LEAD

Part Number	24AWG	Lead Length
304XM-3-(color)	3"	8cm
304XM-6-(color)	6"	15cm
304XM-12-(color)	12"	30cm
304XM-18-(color)	18"	45cm
304XM-24-(color)	24"	60cm
304XM-36-(color)	36"	90cm
304XM-48-(color)	48"	120cm
304XM-60-(color)	60"	150cm

MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.

Part Number	28AWG	Lead Length
704XM-3-(color)	3"	8cm
704XM-6-(color)	6"	15cm
704XM-12-(color)	12"	30cm
704XM-18-(color)	18"	45cm
704XM-24-(color)	24"	60cm
704XM-36-(color)	36"	90cm
704XM-48-(color)	48"	120cm
704XM-60-(color)	60"	150cm

MICRO-HOOK .080" (2.03mm) METER PIN PLUG (Illustration NOT to Scale)

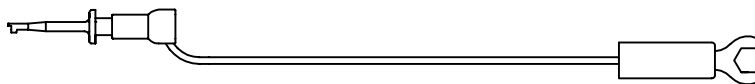
Standard Unit Part Number	22AWG	Lead Length
206XM-(color)	36"	90cm
Additional Lengths		
206XM-12-(color)	12"	30cm
206XM-18-(color)	18"	45cm
206XM-24-(color)	24"	60cm
206XM-48-(color)	48"	120cm
206XM-60-(color)	60"	150cm
206XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
.080" METER PIN PLUG: Nickel-Plated Brass Body. Plastic Handle. Solder Assembly. Red, Black. Red will be supplied with colors other than Black unit. See P/N 9207.

MICRO-HOOK TO .250" (6.35mm) INSULATED SPADE LUG (Illustration NOT to Scale)

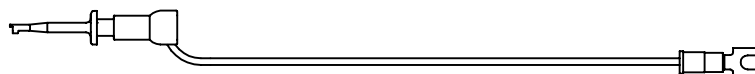
Standard Unit Part Number	22AWG	Lead Length
208XM-(color)	36"	90cm
Additional Lengths		
208XM-12-(color)	12"	30cm
208XM-18-(color)	18"	45cm
208XM-24-(color)	24"	60cm
208XM-48-(color)	48"	120cm
208XM-60-(color)	60"	150cm
208XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
.250" (6.35mm) INSULATED SPADE LUG: Nickel-Plated Brass Lug. Plastic Handle. Solder Assembly. Red, Black. Red will be supplied with colors other than Black Unit. See P/N 9208.

MICRO-HOOK TO .140" (3.57mm) INSULATED SPADE LUG (Illustration NOT to Scale)

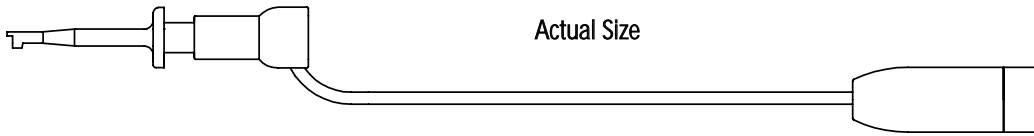
Standard Unit Part Number	22AWG	Lead Length
209XM-(color)	36"	90cm
209XM-12-(color)	12"	30cm
209XM-18-(color)	18"	45cm
209XM-24-(color)	24"	60cm
209XM-48-(color)	48"	120cm
209XM-60-(color)	60"	150cm
209XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
.140" (3.57mm) INSULATED SPADE LUG: Tin-Plated Copper Lug. Plastic Handle. Solder Assembly. Red Spade Lug will be provided with any color unit. See P/N 9209.

E-Z-MICRO-HOOK TEST LEADS

MICRO-HOOK TO STANDARD .080" (2.03mm) TIP JACK



COLOR CHART	
Black	Green
Brown	Blue
Red	Violet
Orange	Gray
Yellow	White

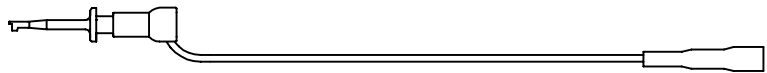
Part Number	22AWG	Lead Length
211XM-3-(color)	3"	8cm
211XM-6-(color)	6"	15cm
211XM-12-(color)	12"	30cm
211XM-18-(color)	18"	45cm
211XM-24-(color)	24"	60cm
211XM-36-(color)	36"	90cm
211XM-48-(color)	48"	120cm
211XM-60-(color)	60"	150cm
211XMC-(color)	48" Coil Cord	

MICRO-HOOK: Gold-Plated BeCu Contact per MIL G45204. Nylon Body with removable Plunger for easy service. Stainless Steel Spring. Hook fits component leads to .025" (.635mm) dia.
LEAD WIRE: 22AWG 65 x 40 Tinned Copper with extra flexible PVC Insulation.
 24AWG 19 x 36 Tinned Copper with Teflon Insulation. Temperature to 200°C.
 28AWG 19 x 40 Tinned Copper with extra flexible PVC Insulation.
COIL CORD: 22AWG 26 x 36 PVC Insulated. Urethane Jacket. 7" Coil Length. 6' Pigtails. 48" Reach.
COLOR CHOICES
 1. Single Color Unit: Add desired color to Part No. See Color Chart. Example: 211XM-6-Red
 2. Color Assortment (1 ea of 10 Colors): Add -S after Part Number. Example: 211XM-6-S
 3 Multicolor Unit: See Kilo-Color Ordering Information on inside back cover.

.080" (2.03mm) TIP JACK: Silver-Plated BeCu Contact Springs. Plastic Handle. Solder Assembly. See P/N 9211.

MICRO-HOOK TO FEMALE 6-32 THREAD (Illustration NOT to Scale)

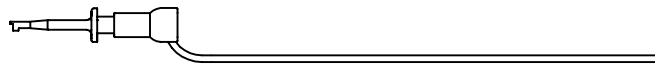
Part Number	22AWG	Lead Length
212XM-3-(color)	3"	8cm
212XM-6-(color)	6"	15cm
212XM-12-(color)	12"	30cm
212XM-18-(color)	18"	45cm
212XM-24-(color)	24"	60cm
212XM-36-(color)	36"	90cm
212XM-48-(color)	48"	120cm
212XM-60-(color)	60"	150cm
212XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.
FEMALE 6-32 THREAD JACK: Cadmium-Plated Spring Thread. Rubber Insulator. Solder Assembly. Black will be supplied with colors other than Red Unit. See P/N 9212.

MICRO-HOOK TO LEAD ONLY . . . NO INTERFACE (Illustration NOT to Scale)

Part Number	28AWG	Lead Length
713XM-6-(color)	6"	15cm
713XM-12-(color)	12"	30cm
713XM-18-(color)	18"	45cm
713XM-24-(color)	24"	60cm
713XM-36-(color)	36"	90cm
713XM-48-(color)	48"	120cm
713XM-60-(color)	60"	150cm



TEFLON LEAD

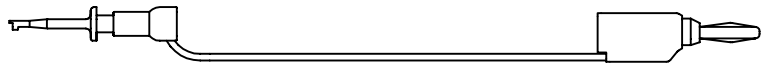
Part Number	22AWG	Lead Length
213XM-6-(color)	6"	15cm
213XM-12-(color)	12"	30cm
213XM-18-(color)	18"	45cm
213XM-24-(color)	24"	60cm
213XM-36-(color)	36"	90cm
213XM-48-(color)	48"	120cm
213XM-60-(color)	60"	150cm
213XMC-(color)	48" Coil Cord	

Part Number	24AWG	Lead Length
313XM-6-(color)	6"	15cm
313XM-12-(color)	12"	30cm
313XM-18-(color)	18"	45cm
313XM-24-(color)	24"	60cm
313XM-36-(color)	36"	90cm
313XM-48-(color)	48"	120cm
313XM-60-(color)	60"	150cm

MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.

MICRO-HOOK TO STACKING MINIATURE BANANA PLUG (Illustration NOT to Scale)

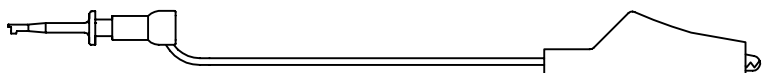
Standard Unit Part Number	22AWG	Lead Length
216XM-(color)	36"	90cm
216XM-12-(color)	12"	30cm
216XM-18-(color)	18"	45cm
216XM-24-(color)	24"	60cm
216XM-48-(color)	48"	120cm
216XM-60-(color)	60"	150cm
216XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.
STACKING MINI BANANA PLUG: Nickel-Plated Phos. Bronze Body. Nickel-Plated Brass Socket. Nickel-Plated BeCu Leaf Springs. Plastic Handle. Solderless Assembly. See P/N 9261.

MICRO-HOOK TO STANDARD ALLIGATOR CLIP (Illustration NOT to Scale)

Part Number	22AWG	Lead Length
219XM-6-(color)	6"	15cm
219XM-12-(color)	12"	30cm
219XM-18-(color)	18"	45cm
219XM-24-(color)	24"	60cm
219XM-36-(color)	36"	90cm
219XM-48-(color)	48"	120cm
219XM-60-(color)	60"	150cm
219XMC-(color)	48" Coil Cord	

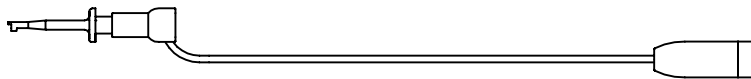


MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See top of page.
STANDARD ALLIGATOR CLIP: Cadmium-Plated Steel Body. Vinyl Insulator. Solder Assembly. See P/N 9274.

E-Z-MICRO-HOOK TEST LEADS

MICRO-HOOK TO STANDARD BANANA JACK (Illustration NOT to Scale)

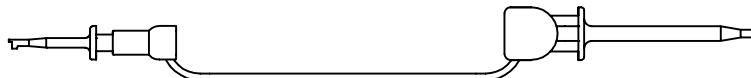
Part number	22AWG	Lead Length
210XM-3-(color)	3"	8cm
210XM-6-(color)	6"	15cm
210XM-12-(color)	12"	30cm
210XM-18-(color)	18"	45cm
210XM-24-(color)	24"	60cm
210XM-36-(color)	36"	90cm
210XM-48-(color)	48"	120cm
210XM-60-(color)	60"	150cm
210XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
STANDARD BANANA JACK: Nickel-Plated Brass Socket. Plastic Handle. Solder Assembly.
 See P/N 9210.

MICRO-HOOK TO MINI-HOOK X100W JUMPER (Illustration NOT to Scale)

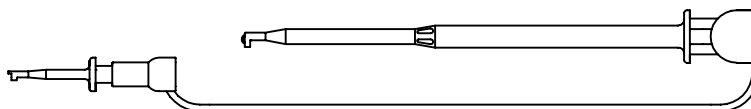
Part Number	22AWG	Lead Length
220W-6-(color)	6"	15cm
220W-12-(color)	12"	30cm
220W-18-(color)	18"	45cm
220W-24-(color)	24"	60cm
220W-36-(color)	36"	90cm
220W-48-(color)	48"	120cm
220W-60-(color)	60"	150cm
220WC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
MINI-HOOK: Gold-Plated BeCu Contact per MIL G45204. Sq. Hole Tip Nylon Body with removable Plunger for easy service. Stainless Steel Spring. Hook fits component leads to .040" (1.016mm) dia.

MICRO-HOOK TO MINI-HOOK XL1 JUMPER (Illustration NOT to Scale)

Part Number	22AWG	Lead Length
220XL1-6-(color)	6"	15cm
220XL1-12-(color)	12"	30cm
220XL1-18-(color)	18"	45cm
220XL1-24-(color)	24"	60cm
220XL1-36-(color)	36"	90cm
220XL1-48-(color)	48"	120cm
220XL1-60-(color)	60"	150cm
220XL1C-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
MINI-HOOK XL1: Long bodied 5" (127mm) Mini-Hook. Gold-Plated BeCu Contact per MIL G45204. Square Hole Tip Nylon Body with removable Plunger for easy service. Stainless Steel Spring. Hook fits component leads to .040" (1.016mm) dia.
RECTANGULAR HOLE TIP MODEL (Mini-Hook XL2 only): Replace 1 with 2 in Part No.
Example: 220XL2-6-RED.

MICRO-HOOK TO MINIATURE ALLIGATOR CLIP (Illustration NOT to Scale)

Part Number	22AWG	Lead Length
229XM-6-(color)	6"	15cm
229XM-12-(color)	12"	30cm
229XM-18-(color)	18"	45cm
229XM-24-(color)	24"	60cm
229XM-36-(color)	36"	90cm
229XM-48-(color)	48"	120cm
229XM-60-(color)	60"	150cm
229XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
MINIATURE ALLIGATOR CLIP: Cadmium-Plated Steel Body. Vinyl Insulator. Solder Assembly.
 See P/N 9275.

MICRO-HOOK TO .025" (.635mm) SQUARE PIN PLUG (Illustration NOT to Scale)

Part Number	22AWG	Lead Length
230XM-6-(color)	6"	15cm
230XM-12-(color)	12"	30cm
230XM-18-(color)	18"	45cm
230XM-24-(color)	24"	60cm
230XM-36-(color)	36"	90cm
230XM-48-(color)	48"	120cm
230XM-60-(color)	60"	150cm
230XMC-(color)	48" Coil Cord	



MICRO-HOOK, LEAD WIRE DESCRIPTIONS AND COLOR CHOICES: See Basic P/N AXM.
.025" (.635mm) SQUARE PIN PLUG: Gold-Plated Brass Body. Heat Shrink Insulator. Crimp Assembly.
 See P/N 9265.

Part Number	28AWG	Lead Length
730XM-6-(color)	6"	15cm
730XM-12-(color)	12"	30cm
730XM-18-(color)	18"	45cm
730XM-24-(color)	24"	60cm
730XM-36-(color)	36"	90cm
730XM-48-(color)	48"	120cm
730XM-60-(color)	60"	150cm