



Industrial Static Control

WWW.SIMCO-ION.COM

ARC RESISTANT PINNER CHARGING APPLICATORS

The Pinner Series static charge applicators consists of the Linear Pinner, 5-Point and Pinner Claw. Pinner applicators are arcresistant to avoid suspension of static charge and loss of pinning action. The Pinner are current limited to ensure operator and equipment safety.

- Current limited design for operator and equipment protection
- Replaceable pins to ensure maximum pinning performance
- Minimized EMI and RFI generation, preventing disruption of sensitive controls



Specifications

Charge Pattern	Linear Pinner and Pinner Claw - 0.5" x 2.5" to 1" x 5" elliptical; 5-Point - 1" x 2" circular pattern		
Dimensions	Overall Length	Handle Diameter	Handle Length
Linear	4.75"	.75"	1.50"
5-point	6.75"	.75"	6.00"
Claw	6.75"	.75"	6.00"
Operating Voltage	±30kV Maximum ±50kV in special installation with insulation required; minimum 3" space clearance from all non-insulated ground sources		
Standard Cable Length	10'		
Mounting	Standard - Insulative brackets with fastening hardware Optional - Manual adjust gooseneck with easy lock/release feature and insulative bracket		
Weight	0.65lbs		
Ion Output Current at 0.5" from Ground	20kV	73µA	80µA
	25kV	91µA	100µA
5-Point Claw	30kV	110µA	120µA
	50kV	183µA	200µA
Operating Distance	30kV - 0.5" minimum; 50kV - 1" minimum		
Current Limit	30kV Input - 375µA; 50kV Input - 625µA		
Short Circuit	Pin to Ground at 30kV Input, Non-Repetitive: 2-second maximum, no damage		

Arcing can cause a multitude of problems such as EMI interference, shutdown of production lines and personnel injury due to surprise from electrical shock. Resistance to arcing means that the Pinner applicators continuously supply static charge. This feature makes them easier and safer to set up and use.

Applications

Converting

- Edge pinning on cast film lines

Packaging

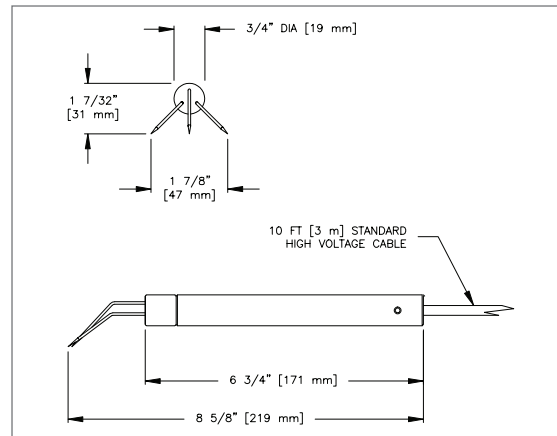
- Sealing & Shrinkwrap
- Overwrap

Printing

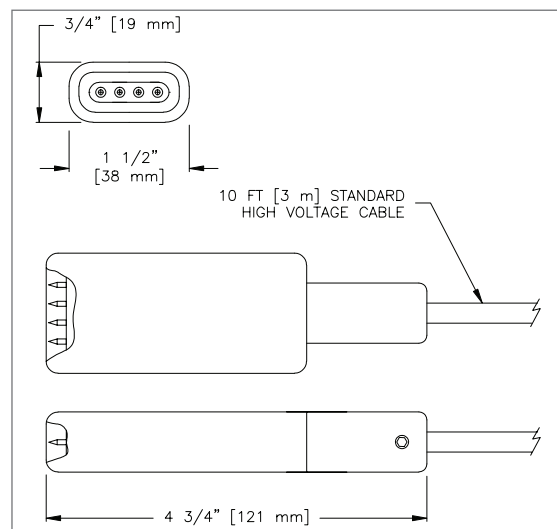
- Lap card insertion
- Blow in
- Collator

BONDLINE
STATIC CONTROL SOLUTIONS

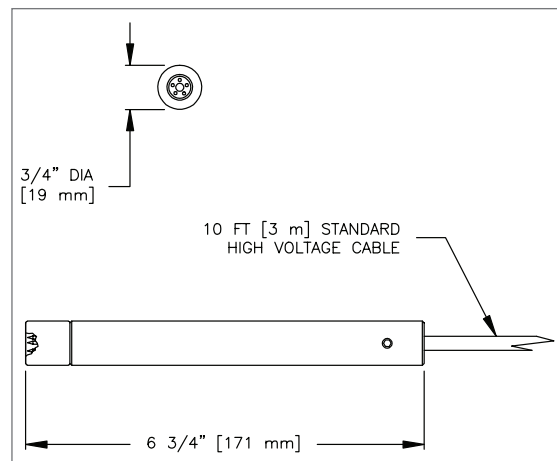
Dimensions



Pinner Claw Applicator



Linear Pinner Applicator



Pinner 5-Point Applicator

SIMCO ION™
An ITW Company

P/N 5200646 Rev. C
© 2012 Simco-Ion - All rights reserved.
Specifications are subject to change without notice.

Simco-Ion

2257 North Penn Road
Hatfield, PA 19440-1998

Tel: 800.203.3419 (in USA)
Tel: 215.822.6401

customerservice@simco-ion.com
www.simco-ion.com