



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



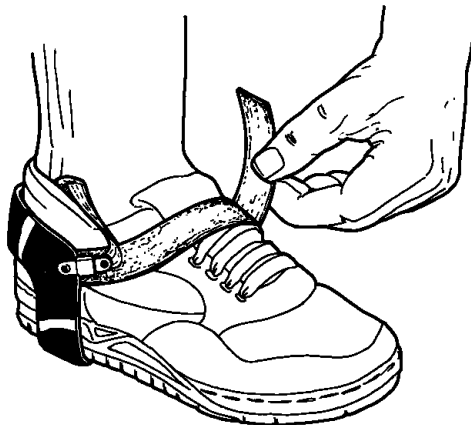
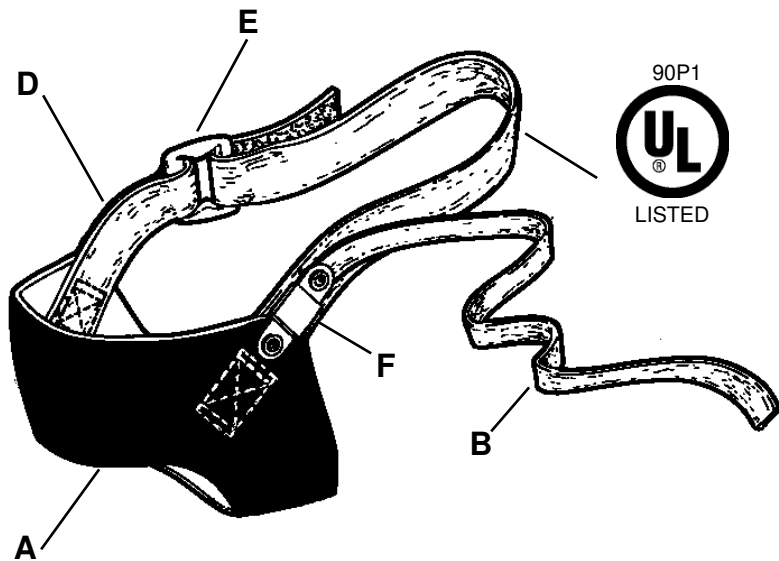
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Note:

Two heel straps are recommended for reliable grounding and ESD protection, providing ground when one foot is off the floor.

Operator is grounded when foot is in contact with grounded dissipative or conductive flooring.

Desco recommends the use of foot ground tester item No. 19252, 19253, 98280/98273, or 98280/98254.

For additional information on the use and maintenance of foot grounders please ask for Technical Bulletins TB-2020, TB-2040, TB-3000.

Description:

The 07590 premium series heel grounder provides effective ESD protection. The cup is made from a black and non-marring rubber with inner tear resistant conductive scrim. The rubber is antistatic, low tribocharging, and dissipative. It removes charges when in contact with ESD protected floors. This foot grounder meets the less than 3.5×10^6 ohm requirement of ANSI ESD S20.20. This unit includes either a one or two megohm molded external resistor, a conductive tab with carbon suffused fibers, and a D-ring fastening system. The product has been tested to ESD STM97.2 - Floor Materials and Footwear Voltage Measurement in Combination with a Person. It is a suitable ESD footwear component in Flooring - Footwear System when used as the primary grounding method ($<3.5 \times 10^7$ ohms per ESD STM 97.1 Floor Materials and Footwear-Resistance Measurement in Combination with a Person.)

Components:

- A. 0.060" thick, 1.50" wide, black conductive exterior with a non-marring interior. Tear resistant nylon reinforced 4.3 oz. inner scrim layer prevents the rubber from tearing.
- B. 3/8" wide, 30" long blue polyester tab contains electrically conductive carbon suffused fibers.
- C. 3/4" wide, blue loop material with return hook tip for quick and easy adjustment and wearer's comfort.
- D. 3/4" wide blue elastic material stretches for comfort.
- E. D-ring fastening system.
- F. A 1/4 watt, 1 megohm blue (07590) or 2 megohm black (07593) molded external resistor.

listed for safety and date coded.

Tab to cup resistance:

$10^6 - 10^7$ Ohms @ 100 volts

ITEM #	DESCRIPTION
07590	Foot Ground, Heel, 1 megohm resistor, RTG: $10^6 - 10^7$ Ohms
07593	Foot Ground, Heel, 2 megohm resistor, RTG: $10^6 - 10^7$ Ohms

Made in America

Our UL listed foot grounders are rated at 250 VAC. It is not recommended to use them where exposure to line voltages above 250 VAC is possible. **Caution:** The foot grounder is for ESD control. It will not reduce or increase your risk of receiving electric shock when using or working on electrical equipment.

Meets the requirements of JEDEC-108/9, MIL-HDBK-263A, MIL-STD-1686, DOD-STD-2000.

FOOT GROUND, HEEL, D-RING FASTENER

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: www.desco.com
 PHONE (909) 627-8178 FAX (909) 627-7449
 DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407
 PHONE (781) 821-8370 FAX (781) 575-0172

DRAWING NUMBER
07590

DATE:
December
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