



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!



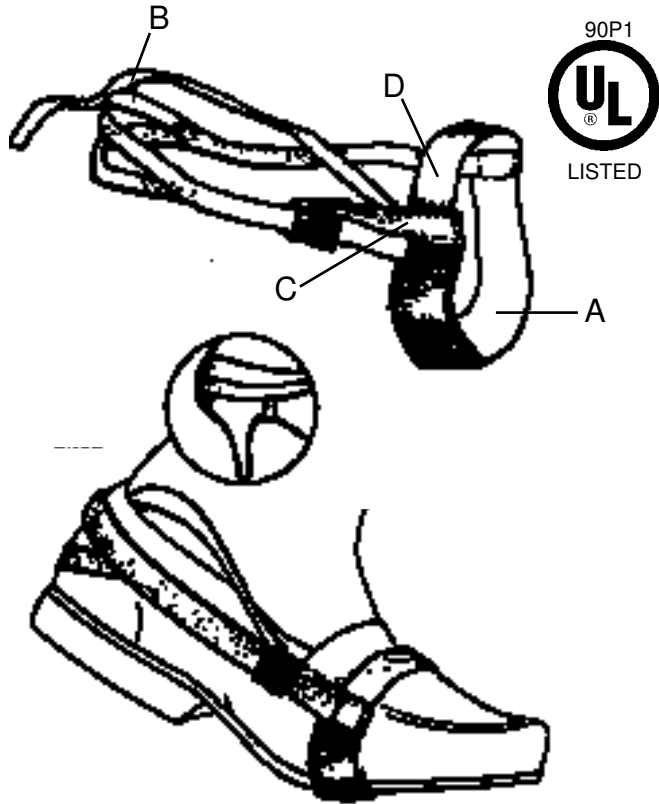
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**Description:**

The 17222 Toe Ground provides a continuous ground path between an operator and a properly grounded ESD protected flooring. These toe grounders are designed for use on standard shoes, including high heeled shoes. They can be easily adjusted to fit most wearers. Desco's toe grounders have a lining that prevents carbon marks on shoes. Toe grounder model 17222 has a discrete one megohm resistor built into the contact strip. The product has been tested to ESD STM 97.2 - 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 (<math>3.5 \times 10^7</math> ohms per ESD STM 97.1 Floor Materials and Footwear-Resistance Measurement in Combination with a Person.)

**Components:**

- A. 0.060" thick, two-layer laminated rubber sole. Inner layer is insulative neoprene, and outer black layer is conductive neoprene. Tear resistant nylon reinforced 4.3 oz. inner scrim layer prevents the rubber from tearing.
- B. 3/8" wide, 18" long blue nylon ribbon contains 8 electrically conductive carbon suffused fibers, reversible, may be positioned on either side of foot.
- C. 3/4" wide blue non-elastic hook material.
- D. 3/4" wide blue stretch loop material, for quick and easy attachment to foot.

 listed for safety and date coded.

Tab to cup resistance:  
 $10^6 - 10^7$  Ohms @ 100 volts

**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.

Item 17222 is UL listed.

ITEM NO.	DESCRIPTION
17222	Foot Ground, Toe w/1 megohm 



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.

**FOOT GROUND, TOE, ADJUSTABLE**



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**DRAWING NUMBER**  
17222

**DATE:**  
March 2010