

# Datasheet

**WRISTBAND METAL 10 MM ADJUSTABLE AND COILED CORD 2 M 2x 10 MM SOCKET,  
RS#-7873101**

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## FEATURES

### Wrist Band

- Fixed black glass-filled nylon cap with slotted opening to allow size adjustment
- 300 Series Stainless Steel Backplate forms channel to hold up to 10 links of band allowing size adjustment
- 10 mm snap stud machined from 300 series stainless steel. Fits to 10 mm spring loaded medical type socket. Durable, providing long life well beyond that of sheet metal snaps
- Premium adjustable metal expansion wristband. Inside links are constructed of 300 Series Stainless Steel. Width of links is 16 mm
- 0.05 mm polyphenylsulfone sheet is laminated to each link. Provides >5,000 volt RMS insulation per ASTM D149. Scratch resistant
- Size is adjusted by sliding 1 to 10 links of the band into the backplate "C" channel
- 300 Series Stainless Steel clip for electrical contact between snap stud and backplate
- Underwriters Laboratory listing 90P1C
- Circumference adjusts from 195 mm to 245 mm fully expanded
- Designed to satisfy wrist strap requirements of EN 61340-5
- Meets ESD S1.1 cuff resistance interior =100 kilohms ( $1 \times 10^2$  ohms)
- Meets ESD S1.1 cuff resistance exterior =10 megohms ( $1 \times 10^7$  ohms)

### Coiled Cord

- 2.5 mm polyurethane insulation
- Conductor is high strength 7-end duplex tinsel for strength and flexibility
- 1 megohm resistor built into each socket, power rating of .25 watt
- Colour: Black
- Dielectric Strength: Cords withstand 1250 volts DC for at least one minute
- Cords are marked and date coded

*"The term 'wrist strap' describes the combination of the wrist band, which should fit around the wrist making good skin contact, and the wrist cord which bonds the wearer to an earth bonding point. The wrist band will normally be worn for several hours at a time so it needs to be comfortable while making good contact with the skin. It is a good idea to check the wrist strap every time it is applied. Constant on line monitors can be used so that any breaks will be immediately found.*

*As a safety feature, the ground cord should release with a force of between 5N and 25N, preferably at the wrist band end." (EN 61340-5-2 paragraph 5.2.7 Wrist strap)*

*Wrist straps shall be checked before use. Each check shall be made with the wrist band worn in contact with the wearer's skin and with the ground cord attached to the appropriate tester." (EN 61340 5 1 paragraph 9.6 Daily checks)*

*"EPA ground cords shall be used to make electrical connections between groundable points and the EPA ground facility.*

*Where a single resistor is used in the EPA ground cord, this shall be located near the groundable point. Where more than one resistor is used, a resistor of a minimum resistance value of one half the total resistance shall be located near the groundable point.*

*When accessible, the EPA ground cord and its groundable point connection shall be shrouded by insulating material." (EN 61340-5-1 section 5.3.4 ground cords)*

*Per Note 6 of Table 1 of EN 61340-5-1 for Working surfaces, storage racks, trolleys and carts "It is allowed, when approved by the ESD co-ordinator, to use surfaces which are 'hard ground' i.e. less than  $1 \times 10^4$  ohms to EPA ground."*