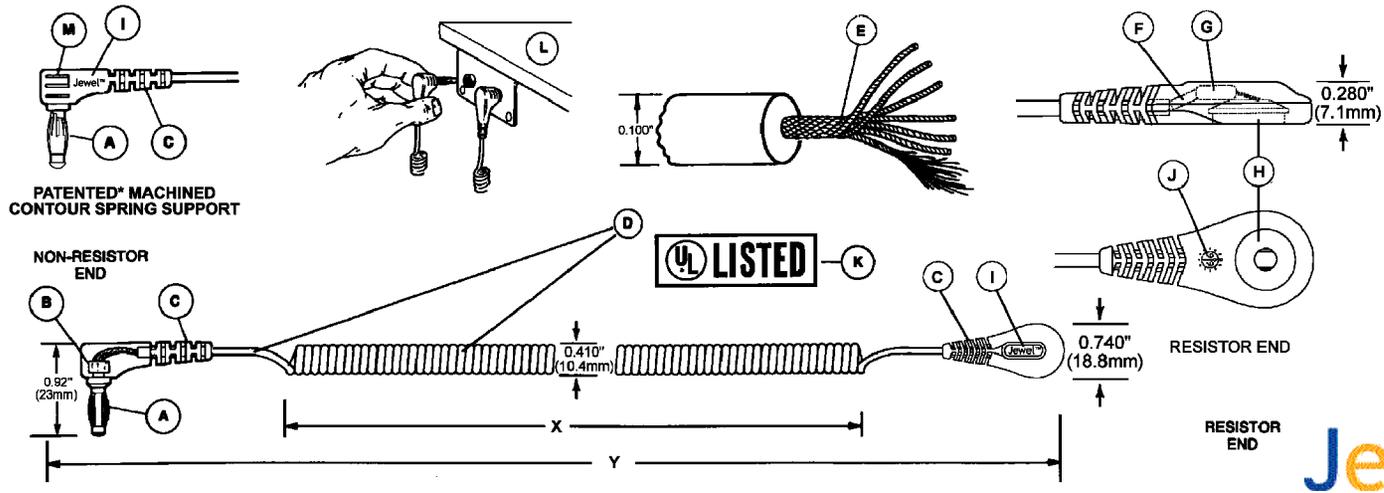




Made in America



- A. Right angle barrel type banana plug with **machined contour spring support*** (U.S. Patent #5951337). Fits industry standard banana jack ≥ 0.157 ". Will maintain greater than 1 pound disengagement force over the life of the cord.
- B. Crimped termination to stranded conductor.
- C. Thermoplastic elastomer strain relief molded on. Flex life average >30,000,000 cycles (per ESD S1.1 Bending Life Test, greatly exceeding the 16,000 average cycle requirement). Break load average 30 pounds.
- D. Polyurethane wire insulation. Rapid retraction coil cord compresses length with resulting benefit of less tangling and dragging along work surface. Break load average 30 pounds.
- E. Tinsel conductor. Consisting of polyester wrapped with copper. High flex life. Equivalent is 29 gauge (cir mil and/or ohms).
- F. Autosplice brass crimp secures conductors to resistor lead and provides stress relief for resistor.
- G. One megohm $\pm 5\%$, 1/4 watt, series resistor limits current for operator safety.
- H. Spring loaded 4mm medical snap socket. Spring separation .125" - .165". Provides

1-5 pound breakaway from .160" snap stud (ESD-S1.1). Compatible with most major brands.

- I. Jewel® logo molded in compliance with EOS/ESD-S1.
- J. Date coded with date of manufacture. Arrow points to month of manufacture (12:00 = December), numerals indicate the year (03=2003).
- K. Underwriters Laboratory Listing 90P1C when used with ESD Systems.com wristbands.
- L. Right angle design has lower profile, making it less likely to be snagged and accidentally pulled out. Swivels on banana barrel for less strain - extending the life of the cord.
- M. Ribbed molding assists grasping of right angle banana plug. The plug will not be removed by tugging on cord.

Jewel® Wrist Bands and Coil Cords meet and exceed the Wrist Band and Wrist Cord requirements of ANSI/ESD S20.20 except that ESD S1.1 paragraph 5.9 states "Only wrist straps incorporating a nonstandard [resistor] value shall use the color red on any portion of the wrist strap."

See drawing 22020 for wristband specifications

ITEM	DESCRIPTION	Retracted Length		Extended Length	
		X	Y	Nominal	Max
23555	6' Cord, Sapphire	10"	27"	6'	10'
23556	6' Cord, Ruby	10"	27"	6'	10'
23557	6' Cord, Topaz	10"	27"	6'	10'
23558	6' Cord, Emerald	10"	27"	6'	10'
23559	6' Cord, Amethyst	10"	27"	6'	10'

Jewel® Lifetime Limited Warranty

ESD Systems.com expressly warrants that for a period of 1 year from the date of purchase, ESD Systems.com Jewel® Wrist Straps and Coil Cords will be free of defects in material (parts) and workmanship (labor). In addition, normal use will not cause Coil Cord resistor strain relief connection or Wrist Band 4 mm snap stud to wear sufficiently to open path-to-ground circuit. Within the lifetime warranty period, a credit for purchase of replacement ESD Systems.com Jewel® products, or, at ESD Systems.com's option, the ESD Systems.com Jewel® product will be repaired or replaced free of charge. If product credit is issued, the amount will be calculated based upon the original invoice purchase price.

JEWEL® GROUND CORD, WRIST STRAP, RAPID RETRACTION, COILED, RIGHT ANGLE



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<http://www.esdsystems.com>

DRAWING NUMBER
TD-23555

DATE
07/04