

- A. Fixed black ABS cap with slotted opening to allow size adjustment.
- B. 300 Series Stainless Steel Backplate forms channel to hold up to 10 links of band allowing size adjustment.
- C. Machined nickel plated steel stud. Fits Desco's MagSnap® coil cords. Coil cord disengages from from snap with 1-5 lbs. of perpendicular force.
- D. Metal expansion wrist strap. Inside links are constructed of 300 Series Stainless Steel. Width of links is 0.630". Minimum Circumference: 5.75" and Maximum Circumference: 13".

- E. 0.002" polyphenylsulfone sheet is laminated to each link. Provides >5,000 volt RMS insulation per ASTM D149. Scratch resistant. Color onyx (black).
- F. Size is adjusted by sliding 1 to 10 links of the band into the backplate "C" channel.
- G. 300 Series Stainless Steel clip for electrical contact between stud and backplate.
- H. Underwriters Laboratory listing 90P1C.

Standard items that include MagSnap Metal Expansion Wristbands

Item	Description	Cord Style	Accessories
09186	Wristband	N/A	None
09187	Wrist Strap	6 Foot MagSnap® Coil Cord	Alligator Clip
09188	Wrist Strap	12 Foot MagSnap® Coil Cord	Alligator Clip
09204	Wrist Strap	6 Foot MagSnap® Coil Cord with Right Angled Banana	None
09205	Wrist Strap	12 Foot MagSnap® Coil Cord with Right Angled Banana	None

Meets ANSI/ESD S1.1 wristband resistance interior < 100 kilohms (< 1 x 10² ohms)
 Meets ANSI/ESD S1.1 wristband resistance exterior >10 megohms (> 1 x 10⁷ ohms)

Meets ANSI/ESD S20.20 and Wrist Strap standard ANSI/ESD S1.1.



Made in the United States of America

Unless otherwise noted, tolerance ± 10%

Specifications and procedures subject to change without notice.

MagSnap® Metal Expansion Wristband

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

DRAWING NUMBER
09204

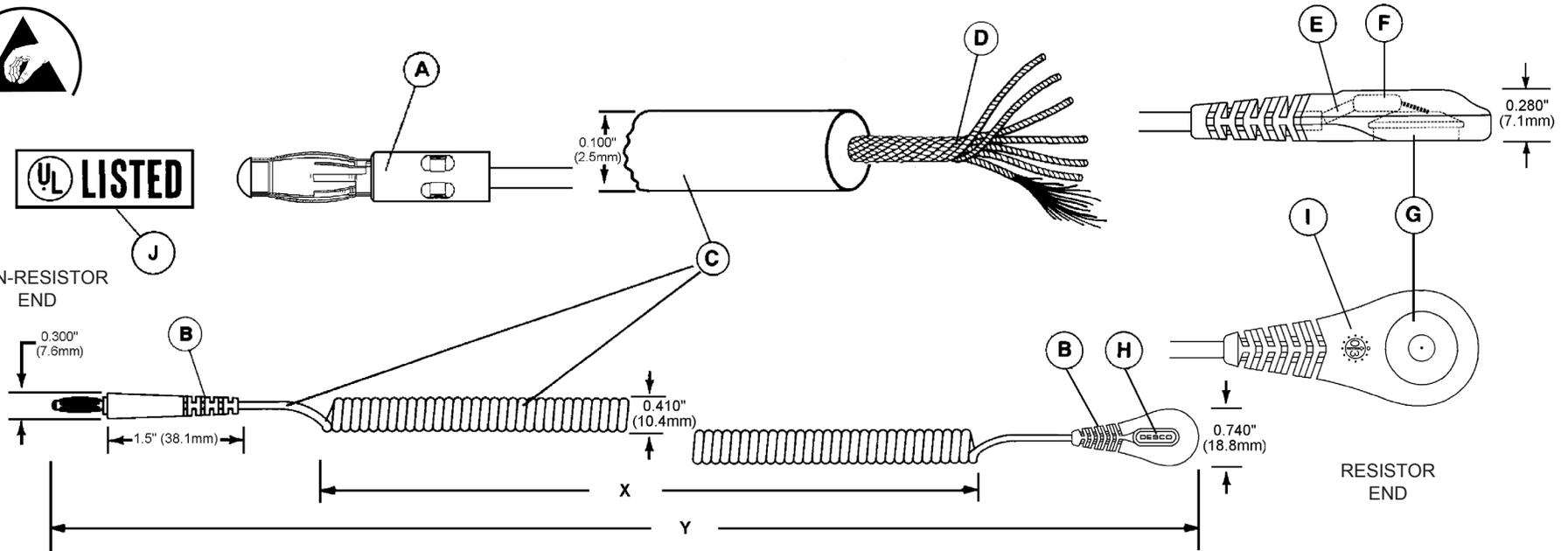
DATE:
September
2013





UL LISTED

NON-RESISTOR
END



- A. Patented (U.S. Patent 5,951,337) barrel type banana plug with machined contour spring support. Crimped uniformly from 4 sides for maximum strength. Fits industry standard banana jack ≥ 0.157 ". Will maintain greater than 1 pound disengagement force over the life of the cord.
- B. Thermoplastic elastomer strain relief molded on. Bending Life Test average $>1,000,000$ cycles per ANSI/ESD S20.20 (Tested per ESD S1.1). Break load average 30 pounds.
- C. Relaxed retraction coil cord produces less tug force on wearer's wrist. Wire insulation black color PVC. Break load average 30 pounds.
- D. Single T-2940 tinsel conductor. Consisting of 7 strands of polyester wrapped with copper. High flex life. Equivalent is 29 gauge (cir mil and/or ohms).

- E. Autosplice brass crimp secures conductors to resistor lead and provides stress relief for resistor.
- F. One megohm $\pm 5\%$, 1/4 watt, series resistor limits current for operator safety.
- G. Magnetic connection creates a superior connection with wrist band. Maintains 1-5 pound release.
- H. Desco logo molded in compliance with ANSI/ESD S1.1.
- I. Date coded with date of manufacture.
- J. Underwriters Laboratory Listing 90P1C when used with Desco [09183](#), [09201](#), [09186](#), [09195](#), and [09197](#) wristbands.

Meets required limits of ANSI/ESD S20.20 and requirements of ANSI/ESD S1.1



Made in the
United States of America

Item	Retracted Length		Retracted Length	
	X	Y	Nominal	Max
09180	12"	20"	6'	8.5'
09181	24"	32"	12'	17'
09182	30"	38"	15'	22'

Unless otherwise noted, tolerance $\pm 10\%$

Specifications and procedures subject to change without notice.

Jewel® MagSnap Coil Cord

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: Desco.com
PHONE (909) 627-8178

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407
PHONE (781) 821-8370

**DRAWING
NUMBER**
09180

DATE:
March
2013

DESCO