



UL LISTED

J

NON-RESISTOR
END

0.300"
(7.6mm)

B

1.5" (38.1mm)

0.100"
(2.5mm)

C

0.410"
(10.4mm)

X

Y

D

E

F

0.280"
(7.1mm)

I

G

B

H

0.740"
(18.8mm)

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 $\geq 0.157"$. 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
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**DRAWING
NUMBER**
09180

DATE:
March
2013

DESCO

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Desco:

[09181](#) [09180](#) [09182](#)