



UL LISTED

**NON-RESISTOR
END**

0.300"
(7.6mm)

1.5" (38.1mm)

0.410"
(10.4mm)

X

Y

0.100"
(2.5mm)

D

E

F

0.280"
(7.1mm)

I

G

B

H

0.740"
(18.8mm)

**RESISTOR
END**

- A. Patented* barrel type banana plug with machined contour spring support. Crimped uniformly from 4 sides for maximum strength. Fits industry standard banana jack $\geq .157"$. 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. 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.
- H. Desco logo molded in compliance with ESD S1.1.
- I. Date coded with date of manufacture. Arrow points to month of manufacture (12:00 = December), numerals indicate the year (03=2003).
- J. Underwriters Laboratory Listing 90P1C when used with Desco 09025, 09026, 09027, 09028, 09041, 09043, 09044, 09045, and 14840 wristbands.



Made in America

ITEM	Retracted Length		Extended Length	
	X	Y	Nominal	Max
09480	12"	20"	6'	8.5'
09680	24"	32"	12'	17'
09682	30"	38"	15'	22'

*U.S. Patent 5951337

GROUND CORD, WRIST STRAP, RELAXED RETRACTION, COILED

DESCO

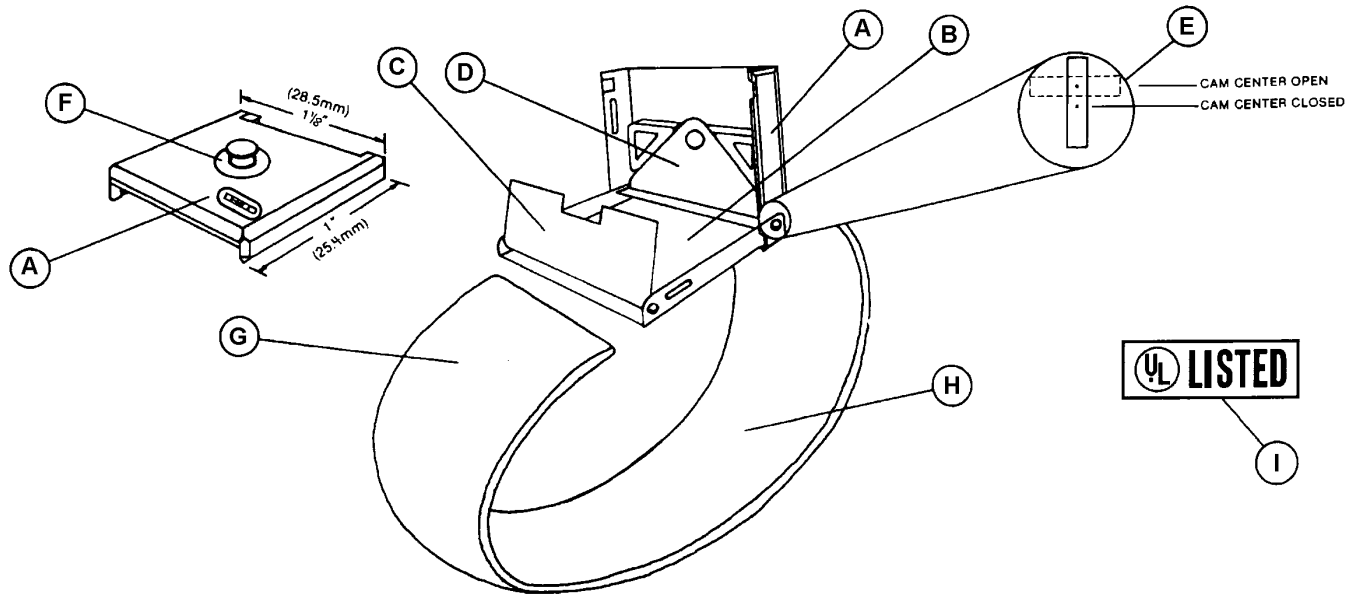
DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: www.desco.com
 PHONE (909) 627-8178 FAX (909) 627-7449
 DESCO EAST: 90 HUDSON RD, CANTON, MA 02021-1407
 PHONE (781) 821-8370 FAX (781) 575-0172

DRAWING NUMBER
09480

DATE:
7/04



Made in America



- A. Insulating cap, blue ABS plastic.
- B. 300 series stainless steel backplate (0.016" thick). Manufacturing date code is stamped into stainless steel backplate.
- C. Small cam lock, allows material replacement. 300 series stainless steel.
- D. Large cam lock, allows size adjustment, maintains electrical continuity even when open. 300 series stainless steel.

- E. Patented* floating cam lock allows wide opening for easy adjustment and secures material down against base plate when closed.
- F. 4mm snap stud machined from 300 series stainless steel. Fits to 4mm spring loaded medical type socket. Coil cord disengages from snap with 1-5 lbs. of perpendicular force, fulfilling ESD-S1 paragraph 4.1.6 breakaway force requirement. Durable, providing long life well beyond that of sheet metal snaps.
- G. Knit elastic band material of light blue fiber; .875" (22mm) wide and 0.10" (2.5mm) thick. 50 strands of textured polyester, 36 strands of lycra spandex and 14 strands of silver plated Nylon 6 yarn. Outer surface of light blue fibers act as an insulator.
- H. The conductive silver plated Nylon 6 (see G) represents 13.5% of the material by weight. The 14 strands of conductive Nylon are randomly knit on the inner surface of the material and are electrically isolated from the outer surface (blue side).
- I. Underwriters Laboratory listing 90P1C.

Meets or exceeds requirements of ANSI ESD-S20.20 and EOS/ESD-S1-1987.

ITEM	DESCRIPTION	CIRCUMFERENCE		WIDTH
		MIN	MAX	
09028	Band Only	2.5" (63.5mm)	13" (330mm)	.875" (22mm)
09069	Band w/12' Black Cord	2.5" (63.5mm)	13" (330mm)	.875" (22mm)
09070	Band w/6' Black Cord	2.5" (63.5mm)	13" (330mm)	.875" (22mm)
09071	Band w/6' Beige Cord	2.5" (63.5mm)	13" (330mm)	.875" (22mm)
09072	Band w/12' Beige Cord	2.5" (63.5mm)	13" (330mm)	.875" (22mm)
09029	Replacement Strip	2.5" (63.5mm)	13" (330mm)	.875" (22mm)

*U.S. Patent No. 4,662,695

WRISTBAND, ELASTIC, ADJUSTABLE

DESCO

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DRAWING NUMBER
09028

DATE:
9/01