



## **Product Specification: Made in the USA Portable Cord Connectors**

### PART 1: Overview

Product used to secure portable cord to a box or enclosure. All product shall be Made in the USA.

General Specification Guidance: “EMT Fittings shall be Poly Vinyl Chloride (PVC), zinc die cast, zinc plated steel or aluminum as manufactured by Bridgeport Fittings, Inc.

Connectors shall be strap, snap-in or grip type.

### PART 2: Products

#### 2.01 ACCEPTABLE MANUFACTURERS

A. Snap-In Connectors – PVC. Shall be 620-NM or 621-NM as manufactured by Bridgeport Fittings, Inc.

B. Two Screw. Strap Connectors – Zinc Die Cast. Shall be 650-DC2 as manufactured by Bridgeport Fittings, Inc.

C. Straight Cord Grip Connectors – Zinc Die Cast. Shall be series 770-22 through 770-72, 771-32 through 771-62 or 772-32 through 772-62 as manufactured by Bridgeport Fittings, Inc.

D. Straight Cord Grip Connectors – Steel. Shall be series CG770-250 through CG770-650, CG771-250 through CG771-850, CG772-560 through CG772-1050, CG773-850 through CG773-1375, or CG774-1050 through CG774-1375 as manufactured by Bridgeport Fittings, Inc.

E. Straight Cord Grip Connectors – Aluminum. Shall be series CGA770250 through CGA770650, CGA771250 through CGA771850 or CGA772560 through CGA7721050 as manufactured by Bridgeport Fittings, Inc.

#### 2.02 MATERIALS

A. Steel Product shall be SAE 1050.

B. Die Cast Zinc Product shall be #7 or #3 ZAMAK.

C. Aluminum.

#### 2.03 GENERAL DESIGN

A. Zinc die cast components shall be ball burnished.

B. Steel parts shall be zinc plated for corrosion protection.

C. Bridgeport logo shall appear on each fitting and/or box.

D. Die cast zinc locknuts shall have precision machine-cut threads and possess a serrated face on each side.

E. All set screw products shall have staked screws to prevent disassembly in transit.

F. All fitting throat diameters shall be smooth with no sharp edges.

G. All fittings shall be tested to UL 514B and be listed by Underwriters Laboratories.