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COMMERCIAL ITEM DESCRIPTION

CONNECTORS, ELECTRICAL, IEEE 488 COMPATIBLE, RECTANGULAR, MINIATURE, POLARIZED SHELL, PLUG AND RECEPTACLE, SNAP ON COVERS, HARDWARE KIT

The General Services Administration has authorized the use of this commercial item description (CID).

Abstract This CID covers the general requirements for a snap on cover kit for a polarized shell, back to back plug and receptacle, electrical digital interface bus connector set. This connector hardware can be used in applications that require connectors which conform to the IEEE 488 interface standard. Connector hardware covered by this CID is intended for commercial/industrial applications and may be used in military systems where individual environmental and performance requirements can be met.

Part or Identifying Number (PIN). The PIN for the CID shall be as shown in the following example:

A-A-55515	-	01
CID number		Dash number

Salient characteristics.

Design, construction, and dimensions Design, construction, and dimensions shall be as specified on figure 1 and shall be compatible with connector specified in A-A-55148.

Connector hardware materials. The cover shell shall be of black thermoplastic material.

Operating temperature. The operating temperature range shall be from -40°C to +75°C.

Vibration. The hardware when assembled and locked to mating connectors, shall exhibit no evidence of breaking, cracking, or loosening of parts when subjected to vibration of 10-55-10 Hz traversed in 1 minute at 1.52 mm (.060 inch) total excursion for 2 hours in each of three mutually perpendicular planes.

Physical shock. The hardware when assembled and locked to mating connectors, shall exhibit no evidence of breaking, cracking, or loosening of parts when subjected to 50 G's half-sine wave shock of 11 milliseconds duration, 3 shocks in each direction applied along the three mutually perpendicular planes for a total of 18 shocks

Regulatory requirements. This section is not applicable to this CID.

Quality assurance provisions.

Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection, examination, and test requirements specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections, examinations, or tests set forth in this description where such inspections, examinations, and tests are deemed necessary to assure supplies and services conform to prescribed requirements.

Contractor certification statement. The contractor shall certify and maintain objective quality evidence that the product offered meets the requirements of this CID, and that the product conforms to the producer's own drawings, specifications, standards, quality assurances practices, and is the same as the product provided as a bid sample The Government reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited

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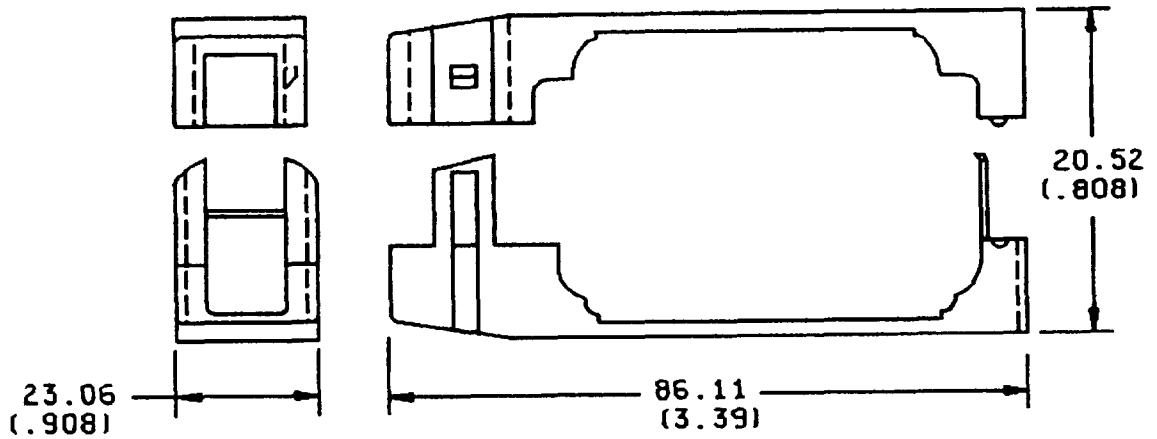

NOTES:
1. Dimensions are in millimeters.
2. Inches are in parentheses.
3. This item was designed using inch-pound units of measurement. In case of problems involving conflicts between the metric and inch-pound units, the inch-pound units shall rule

Figure 1. Connector, shell, plug, and receptacle.

Certificate of compliance. A certificate of compliance shall accompany all connector hardware supplied to this CID.

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Packaging.

Preservation, packaging, packing, labeling, and marking Preservation, packaging, labeling, and marking shall be as specified in the contract or purchase order.

Notes This section contains relevant information which is useful to buyers, users, and suppliers in the process of acquiring the item, but is not mandatory.

Referenced document

Other Publication

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

IEEE 488 - IEEE Standard Digital Interface for Programmable Instrumentation.

(Applications for copies should be addressed to the Institute of Electrical and Electronics Engineers (IEEE), IEEE Service Center, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331.)

Ordering data. Acquisition documents should specify the following:

a. CID document number and revision and CID PIN

b Quality assurance provisions

c. Packaging requirements.

Comments. Comments on this CID should be directed to Defense Electronics Supply Center, 1507 Wilmington Pike, ATTN: DESC-EMT, Dayton, OH 45444-5000, or telephone (513) 296-5391.

Source of supply A suggested source of supply is listed in table I. Additional sources will be added as they become available.

TABLE I. Suggested source of supply.

CID PIN A-A-55515-	Vendor commercial PIN	Vendor CAGE number
01	554831-1	00779

Vendor CAGE number	Vendor name and address
00779	AMP, Incorporated 470 Friendship Road Harrisburg, PA 17111-1203

CIVIL AGENCY COORDINATING ACTIVITY.

GSA - 7FXE

PREPARING ACTIVITY

DLA-ES

(Project 5935-D423)