

A-A-55480  
DECEMBER 7, 1993

## COMMERCIAL ITEM DESCRIPTION

CONNECTORS, PIN AND RECEPTACLE, ELECTRICAL, RECTANGULAR,  
RACK AND PANEL, DUST COVERThe General Services Administration has authorized  
the use of this commercial item description (CID)

Abstract This CID covers the general requirements for a dust cover for MIL-C-28748/9 and /10 connectors. This dust cover can be used in applications that require a high density polyethylene dust cover. Dust covers covered by this CID are intended for commercial/industrial applications and shall not be used in military systems needing stringent environmental and electrical requirements.

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

A-A-55480	-	01
CID number		Dash number

Salient characteristics

Design, construction, and dimensions Design, construction, and dimensions shall be as specified on figure 1 and table I.

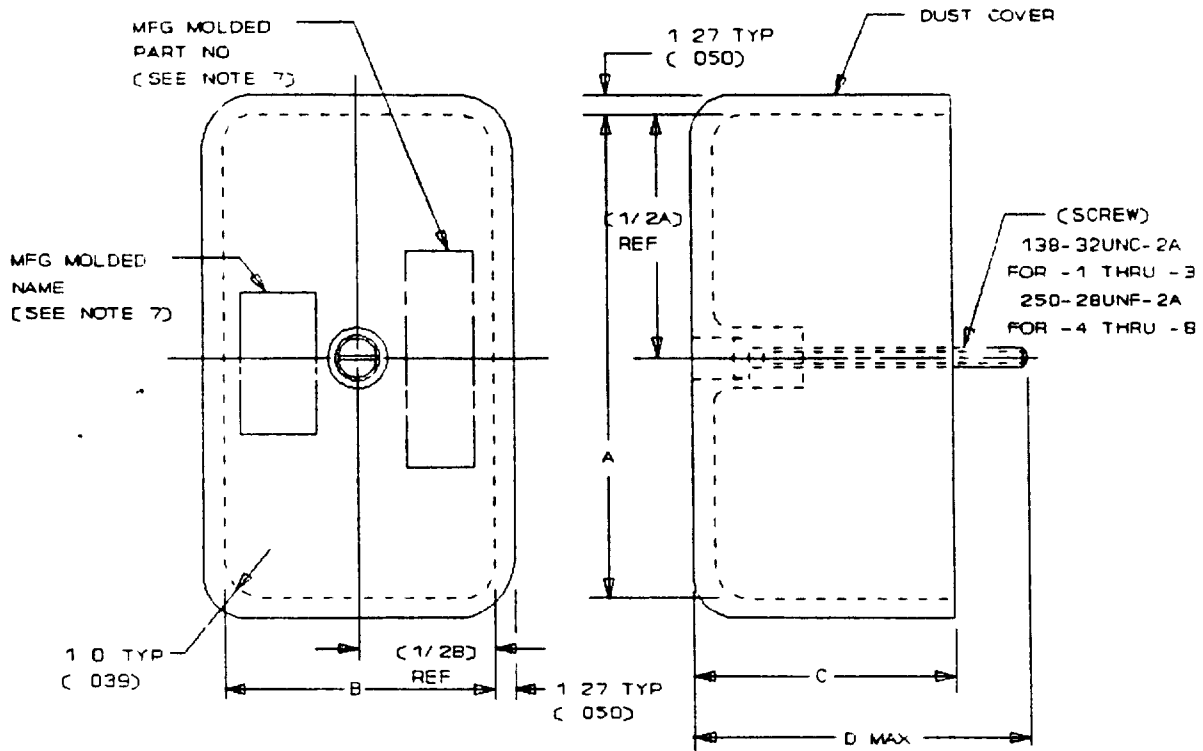
Material

Dust cover. Dust covers are molded from a high density polyethylene (color green), for durability and strength.

Screw Stainless steel 300-series

Finish. Screw passivate shall be in accordance with QQ-P-35

A-A-55480



## NOTES

- 1 Dimensions are in millimeters
- 2 Inches are in parentheses
- 3 Unless otherwise specified, tolerance is  $\pm 0.76$  millimeter (.030 inch)
- 4 The US government preferred system of measurement is the metric SI system. However, this item was originally designed using inch-pound units of measurement. In the event of conflict between the metric and inch-pound units, the inch-pound units shall take precedence.
- 5 Dimensions A and B are measured at the opening, with 1.5° draft acceptable.
- 6 An inward or outward bow of 0.76 millimeter (.030 inch) is acceptable at A and B dimensions.
- 7 Manufacturer's molded part number and name location is optional.

Figure 1 Design, construction, and dimensions

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.

Certificate of compliance A certificate of compliance shall accompany all dust covers supplied to this CID.

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 procuring the item, but is not mandatory.

Referenced documents. The following documents, of the issue in effect on date of invitation for bids for request for proposal, form a part of this CID to the extent specified herein.

Federal Specification

QQ-P-35 - Passivation Treatments for Corrosion-Resisting Steel (Fastening Devices)

Military Specifications

MIL-C-28748/9 - Connectors, Receptacle, Electrical, Rectangular, Rack and Panel, Polarized Center Jackscrew or Guidepin Style, Crimp Type Removable Pin Contacts, Size 16

MIL-C-28748/10 - Connectors, Receptacle, Electrical, Rectangular, Rack and Panel, Polarized Center Jackscrew or Guidepin Style, Crimp Type Removable Socket Contacts, Size 16.

(Copies of federal and military specifications are available from the Standardization Documents Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

Ordering data. Acquisition documents should specify the following

- a. CID document number and revision and CID PIN
- b. Quality assurance provisions.
- c. Packaging requirements
- d. Color (if applicable)

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

A-A-55480

Sources of supply A suggested source of supply is listed in table II herein. Additional sources will be added as they become available

Cross-reference Cross-reference information is listed in table III, CID dash number to MIL-C-28748/9 insert designator.

TABLE I Ordering data.

CID dash number A-A-55480-	A mm (Inch)	B mm (Inch)	C mm (Inch)	D mm (Inch)	For reference connector size
01	24.6 (.97)	12.2 (.48)	25.4 (1.00)	35.6 (1.40)	10
02	24.6 (.97)	18.8 (.74)	25.4 (1.00)	35.6 (1.40)	20
03	36.1 (1.42)	18.8 (.74)	25.4 (1.00)	35.6 (1.40)	36
04	39.9 (1.57)	25.4 (1.00)	32.3 (1.27)	43.3 (1.70)	52
05	43.4 (1.71)	32.0 (1.26)	32.3 (1.27)	43.3 (1.70)	80
06	55.1 (2.17)	32.0 (1.26)	32.3 (1.27)	43.3 (1.70)	104
07	55.1 (2.17)	45.0 (1.77)	32.3 (1.27)	43.3 (1.70)	158
08	55.1 (2.17)	58.4 (2.30)	32.3 (1.27)	43.3 (1.70)	212

TABLE II. Suggested sources of supply.

CID dash number A-A-55480-	Vendor commercial PIN	Vendor CAGE number
01	MAC0010C000	53669
02	MAC0020C000	53669
03	MAC0036C000	53669
04	MAC0052C000	53669
05	MAC0080C000	53669
06	MAC0104C000	53669
07	MAC0158C000	53669
08	MAC0212C000	53669

Vendor CAGE  
number

53669

Vendor name  
and address

Packard Hughes Interconnect  
17150 Von Karman Avenue  
Irvine, CA 92713-9685

TABLE III Quick cross-reference

CID dash number A-A-55480-	MIL-C-28748/9 and /10 insert designator
01	A or J
02	B or K
03	C or L
04	D or M
05	E or N
06	F or P
07	G or R
08	H or S

## CIVIL AGENCY COORDINATING ACTIVITY

GSA - 7FXE

PREPARING ACTIVITY

DLA-ES

(Project 5935-D482)