

INCH-POUND

A-A-55469/2C
01 October 2015
SUPERSEDING
A-A-55469/2B
21 August 2012

COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, PLUGS, TIP, DUAL
(BANANA PLUG)

Inactive for new design after 21 August 2012.

The General Services Administration has authorized the use of this commercial item description for all federal agencies.

The complete requirements for acquiring the connectors described herein shall consist of this document and the issue in effect of A-A-55469.

CLASSIFICATION/PART or IDENTIFICATION NUMBER (PIN). This commercial item description (CID) specification sheet uses a classification system which is included in the PIN as shown in the following example (see NOTES).

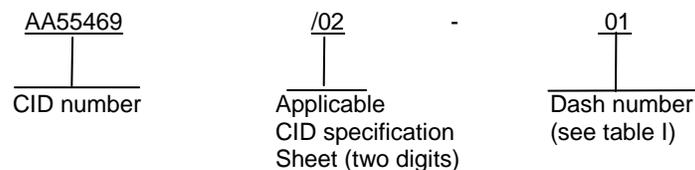


TABLE I. Design and identification data.

Dash number AA55469/02	Color	Current rating (amperes, maximum)	Contact resistance (milliohms, maximum)
01 and 03	Black	15	10
02 and 04	Red	15	10

SALIENT CHARACTERISTICS.

Interface and physical dimensions. Connectors, electrical, plugs, tip, dual (banana plug) supplied to this CID specification sheet shall be as specified herein (see figure 1).

CID sheet. The electrical connectors shall be in accordance with the requirements specified herein in addition to the salient characteristics of A-A-55469.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Defense Supply Center, Columbus, ATTN: DLA Land & Maritime-VAI, Post Office Box 3990, Columbus OH 43216-5000 or by email: RFConnectors@dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

AMSC N/A

FSC 5935

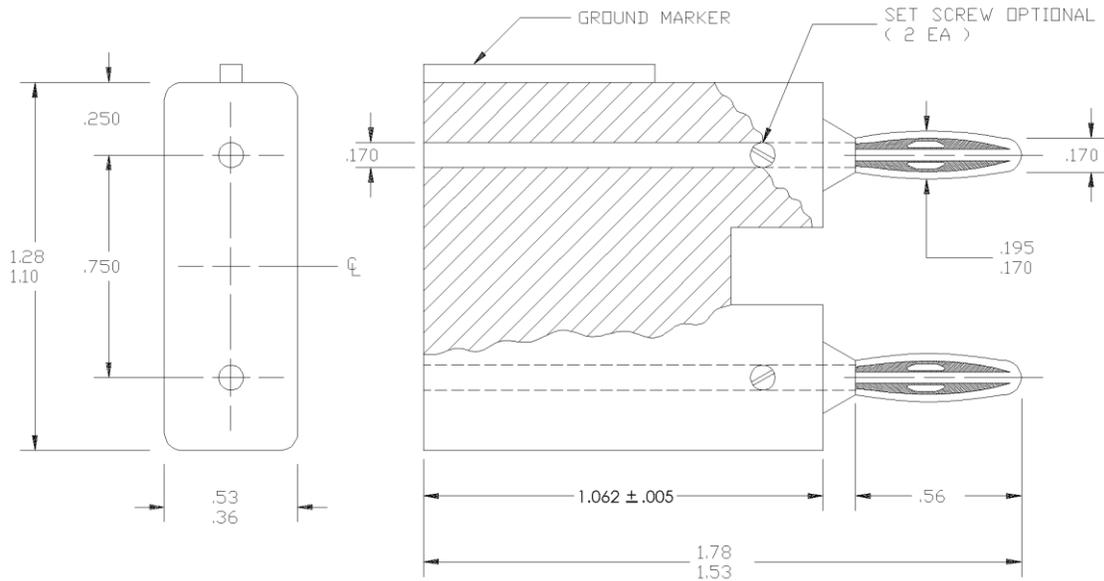


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Design, construction, and dimensions. Design, construction, and dimensions shall be as specified on figure 1 and table I.

Contact current rating. Contact current rating shall be as specified in table I.

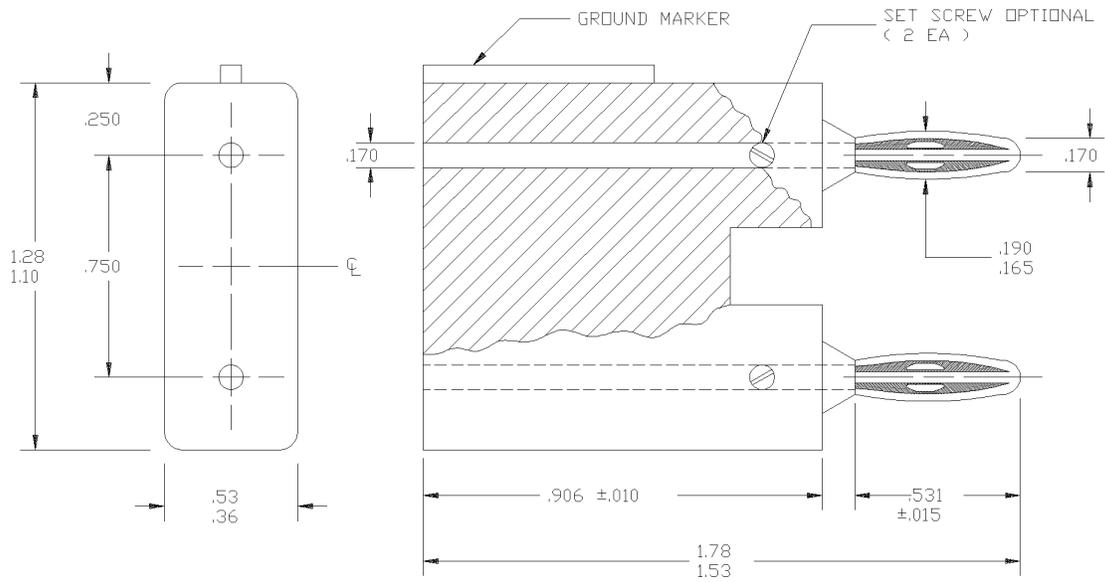
Contact resistance. Contact resistance shall be as specified in table I.



AA55469/02-01 and AA55469/02-02

FIGURE 1. Configuration and dimensions.

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A-A55469/02-03 and A-A-5546902-04

Inches	mm	Inches	mm
.005	0.127	.56	14.2
.010	0.25	.750	19.05
.015	0.38	.906	23.01
.165	4.19	1.00	25.4
.170	4.32	1.06	26.97
.190	4.83	1.10	27.9
.195	4.95	1.28	32.5
.36	9.1	1.53	38.9
.53	13.5	1.78	45.2
.531	13.49		

NOTES:

1. Dimensions are in inches. Metric equivalents are given for information only.
2. Unless otherwise specified, tolerances are ± 0.010 (0.25 mm) for three-place decimals and ± 0.03 (0.08 mm) for two-place decimals.
3. When set screw is used, the head shall be below the surface of the insulating material.

FIGURE 1. Configuration and dimensions – Continued.

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Dielectric withstanding voltage (at sea level). Dielectric withstanding voltage (at sea level) shall be 3,000 V rms at 60 Hz or 5,000 V dc.

Operating voltage. Operating voltage is 300 volts rms, 60 hertz at sea level.

Marking. Test point connectors supplied to this CID shall be marked with the manufacturer's standard commercial PIN.

QUALITY ASSURANCE PROVISIONS. Shall be as specified in CID A-A-55469.

Certificate of compliance. Each contractor desiring to be listed as a suggested source of supply shall submit a DSCC certificate of compliance to DSCC-VAI. This certificate shall state that the contractor's product meets all the requirements of this CID. In addition, a certificate of compliance shall accompany all test point connectors supplied to this CID.

NOTES.

Part or Identifying Number (PIN). The PIN should be used for government purposes to buy commercial products to this CID specification sheet. See the classification section for PIN format example.

Source document.

COMMERCIAL ITEM DESCRIPTION

A-A-55469 - Connectors, Electrical, Plugs.

(Copies of these documents are available online at <http://quicksearch.dla.mil>/or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

Government users. To acquire information on obtaining these test pint connectors from the Government inventory system, contact Defense Supply Center Columbus, ATTN: DLA Land & Maritime-VAI, 3990 East Broad Street, Columbus, OH 43216-5000.

Ordering data. Ordering data shall be as specified in A-A-55469.

Supersession data. This CID supersedes MIL-C-28901/2.

Suggested sources of supply. Suggested sources of supply are listed below. Additional sources will be added as they become available. The vendors listed have submitted a certificate of compliance to DSCC-VAI and meet the market acceptability requirements of this CID.

Dash number (see table I) AA55469/02-	Vendor commercial PIN CAGE 91967	Vendor commercial PIN CAGE 74970	Applicable NSN
01	210-103	---	5935-00-931-0380
02	210-102	---	5935-00-140-3354
03	---	108-0203-001	5935-00-007-8602
04	---	108-0202-001	5935-00-567-0521

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Commercial products. As part of the market analysis and research effort, this CID specification sheet was coordinated with the following manufactures of commercial products. At the time of CID specification sheet preparation and coordination, these manufactures were known to have commercial products that would meet the requirements of this CID specification sheet. (NOTE: this information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

<u>Vendor CAGE number</u>	<u>Vendor name and address</u>
74970	E.F. Johnson 299 Johnson Avenue Waseca, MN 56093
91967	Abbatron 632 Arch Street Meadville, PA 16335

Revision notations. The margins of this specification are marked with vertical lines to indicate where modifications from this revision were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

CONCLUDING MATERIAL

Custodians:
Army - CR
Navy - EC
Air Force – 85
DLA - CC

Preparing activity:
DLA - CC
(Project 5935-2015-185)

Review activities:
Army - AR, CR4, MI
Navy - AS, CG, MC, OS
Air Force - 19

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil/>.