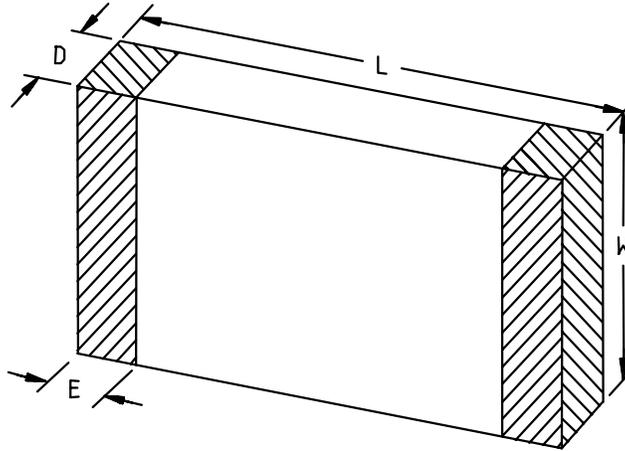


3. SALIENT CHARACTERISTICS

3.1 Interface and physical dimensions. Interface and physical dimensions shall be as specified herein (see figure 1).



L	W	D	E
1.0 \pm 0.10	0.5 \pm 0.10	0.60 max	0.25 \pm 0.15

mm	Inches
0.10	0.004
0.15	0.006
0.25	0.010
0.50	0.020
0.60	0.024
1.0	0.040

NOTES:

1. Dimensions are in millimeters. Inch-pound equivalents are given for information only.

Figure 1. Interface and physical dimensions, style 0402.

- 3.2 Working voltage (dc). The working voltage (dc) shall be as specified in table I.
- 3.3 Breakdown voltage. The breakdown voltage shall be as specified in table I.
- 3.4 Clamping voltage. The clamping voltage shall be as specified in table I.
- 3.5 Peak current. The peak current shall be as specified in table I.
- 3.6 Transient energy. The transient voltage shall be as specified in table I.
- 3.7 Capacitance. The capacitance shall be as specified in table I.
- 3.8 Inductance. The inductance shall be as specified in table I.
- 3.9 Termination finish. The termination finish shall be Nickel barrier with Tin alloy plated finish (Ni/Sn), code letter P.

4. REGULATORY REQUIREMENTS. This section is not applicable to this CID.

5. PRODUCT CONFORMANCE PROVISIONS. Product conformance provisions shall be as specified in A-A-55562.

6. PACKAGING. Packaging shall be as specified in A-A-55562.

7. NOTES

7.1 PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See section 2 for PIN format example.

7.2 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these varistors to DSCC under the Military Parts Control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

7.3 Source of document.

Commercial Item Description

A-A-55562 - Resistor, Voltage Sensitive (Varistor, Metal Oxide), Chip.

(Copies of commercial item descriptions are available from the Document Automation and Production Service (DAPS), Building 4D (DPM-DODSSP), 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

7.4 Ordering data. Ordering data shall be as specified in A-A-55562.

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

MFG's CAGE	MFG's name and address
16299	AVX Corporation 3900 Electronics Dr. Raleigh, NC 27604-1698 (919) 878-6200

7.6 Part number (P/N) supersession data. These CID part numbers supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

CID dash number (see table I) AA5556205-	MFG's P/N <u>1/</u> for CAGE 16299
001P	VC040205X150
002P	VC040209X200
003P	VC040214X300
004P	VC040218X400

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown. For actual part marking requirements see the marking paragraph.

7.7 Government users. To acquire information on obtaining these varistors from the Government inventory system, contact Defense Supply Center, Columbus, ATTN: DSCC-CP, P. O. Box 3990, Columbus, OH 43216-5000, or telephone (614) 692-7684.

MILITARY INTERESTS:

Custodians:
NAVY-EC
DLA-CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE
Preparing Activity:
DLA-CC
Project 5905-1636