

[INCH-POUND]
A-A-55485/1A
21 March 2001
SUPERSEDING
A-A-55485/1
30 September 1993

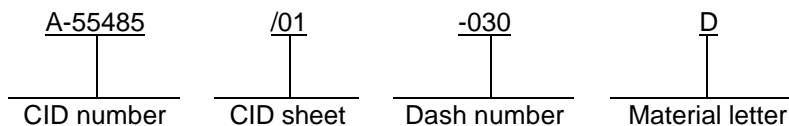
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

MOUNTING PADS, ELECTRICAL-ELECTRONIC COMPONENT,
.100 DIAMETER PIN CENTER

The General Services Administration has authorized the use of this commercial item description (CID) as a replacement for MIL-M-38527/1 for all federal agencies.

The complete requirements for procuring the mounting pads described herein shall consist of this document and the issue in effect of CID A-A-55485.

CLASSIFICATION. This CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see notes).



SALIENT CHARACTERISTICS.

Interface and physical dimensions. Mounting pads supplied to this CID shall be as specified herein (see figure 1).

Material. Material shall be diallyl phthalate (D) or nylon (N).

Marking. Not applicable.

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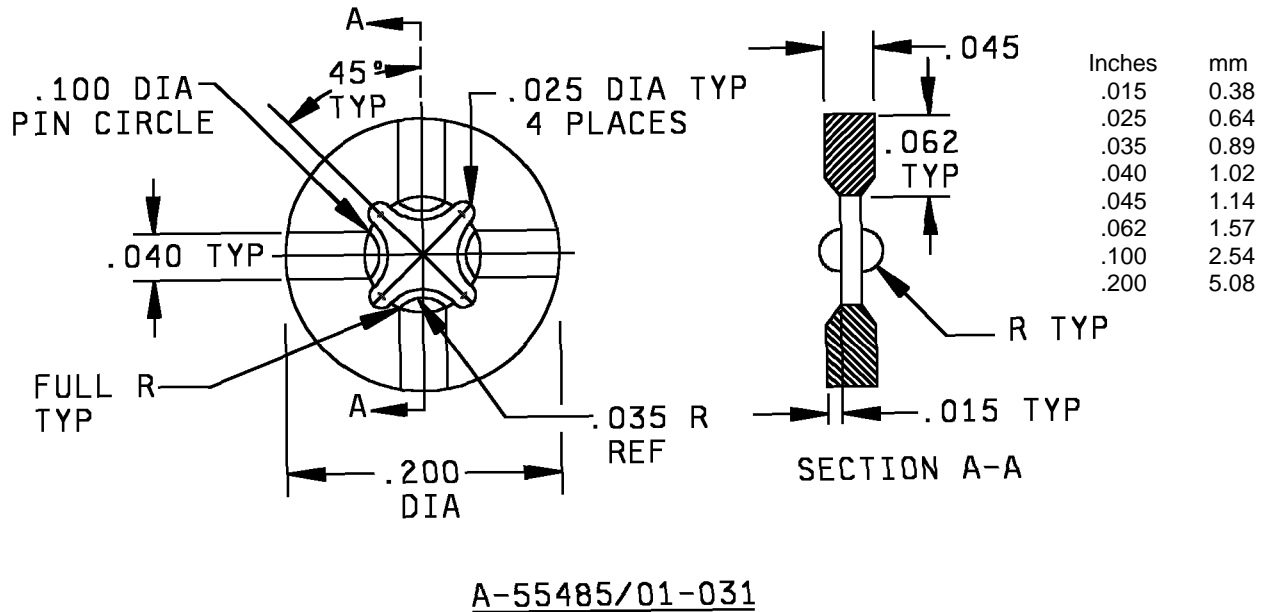
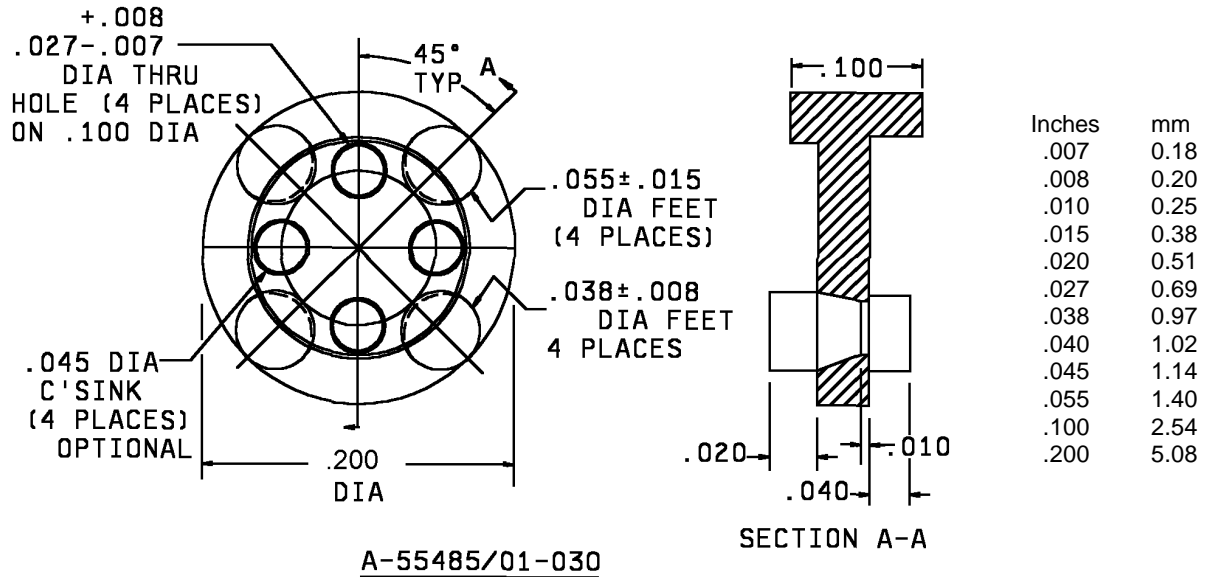


Figure 1. Configurations and dimensions.

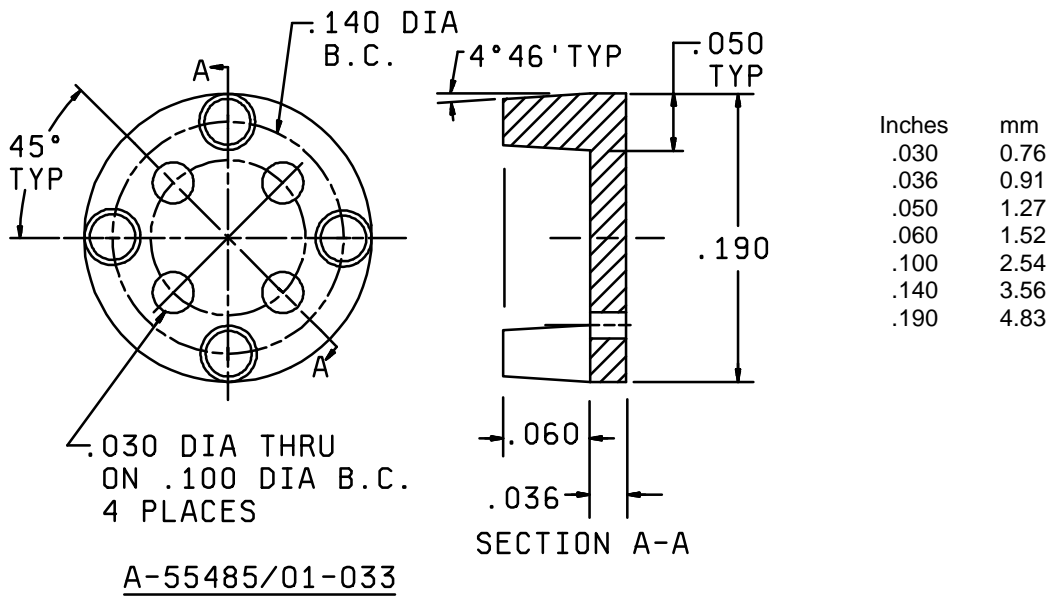
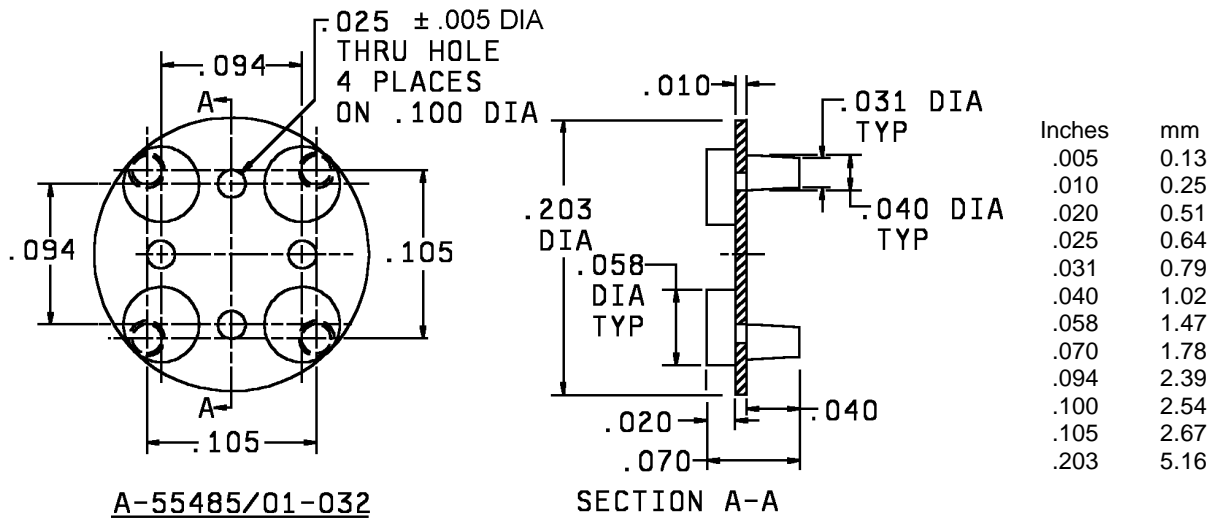
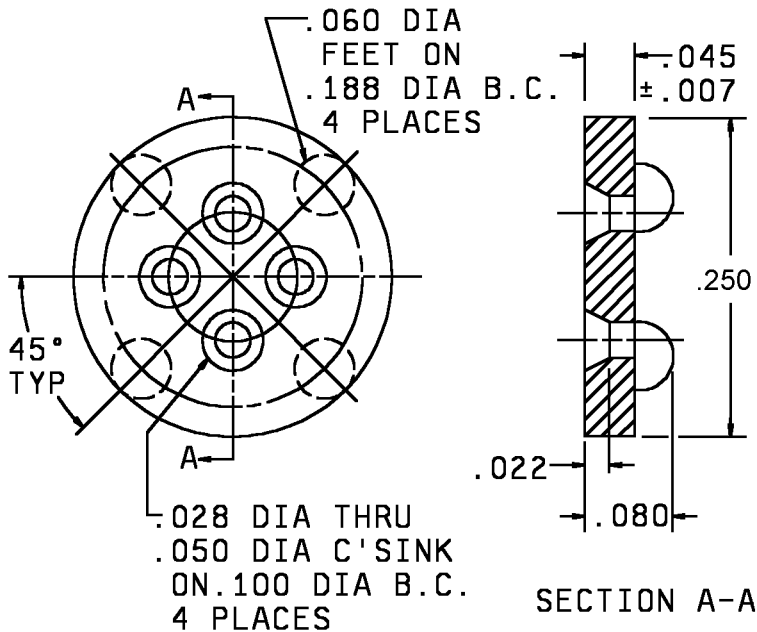


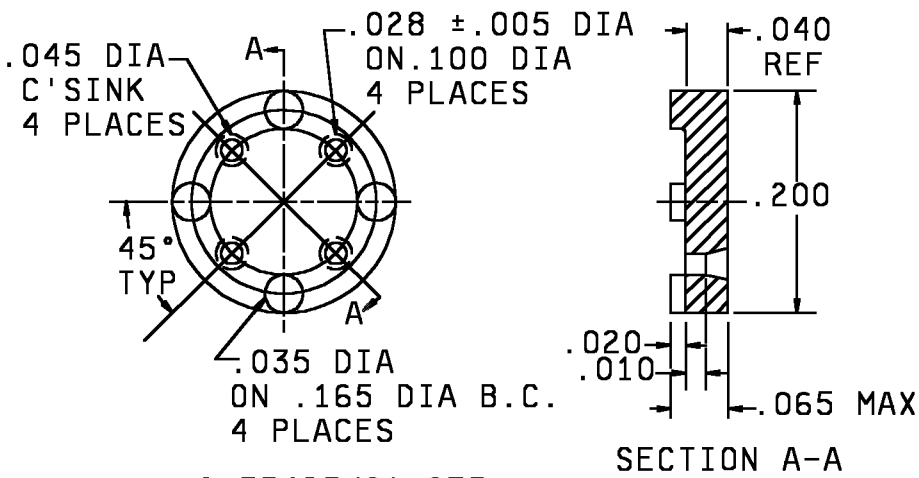
Figure 1. Configurations and dimensions - Continued.

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Inches	mm
.007	0.18
.022	0.56
.028	0.71
.045	1.14
.050	1.27
.060	1.52
.080	2.03
.100	2.54
.188	4.78
.250	6.35

A-55485/01-034



Inches	mm
.005	0.13
.010	0.25
.020	0.51
.028	0.71
.035	0.89
.040	1.02
.045	1.14
.065	1.65
.100	2.54
.165	4.19
.200	5.08

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Figure 1. Configurations and dimensions - Continued.

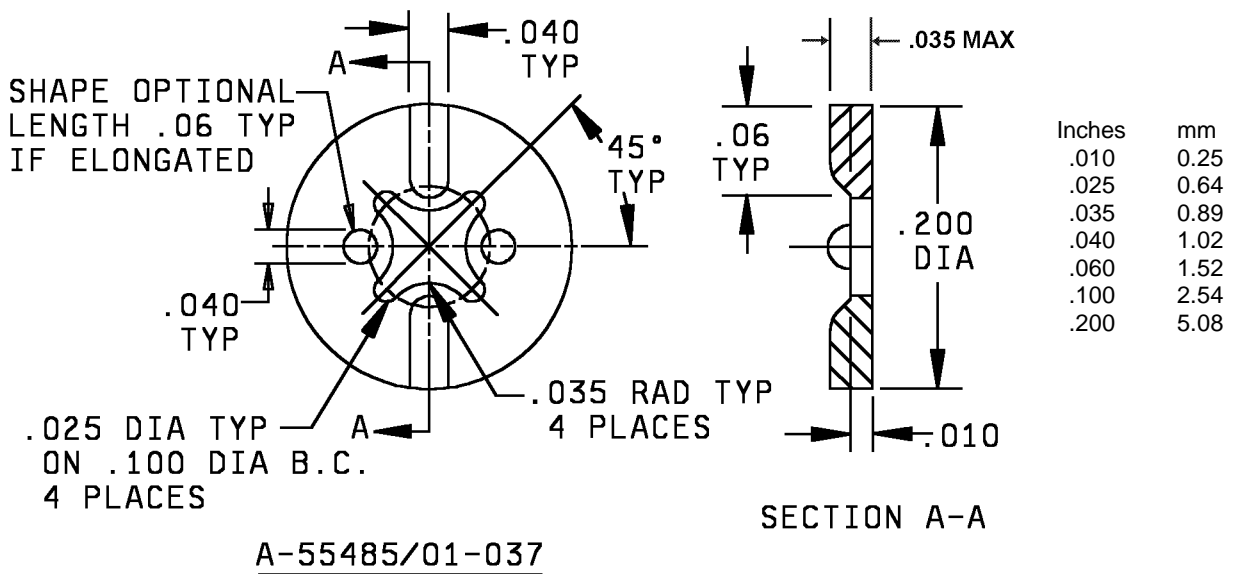
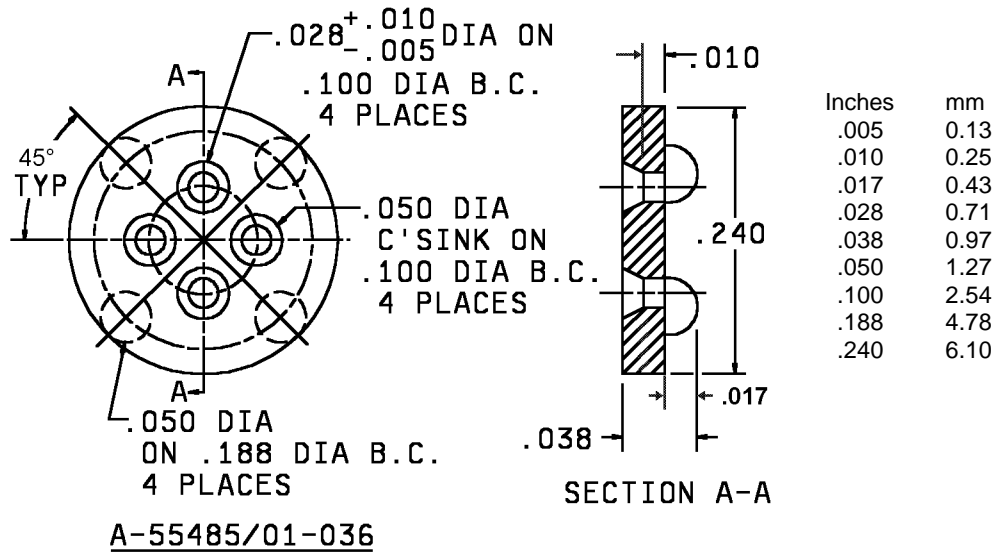


Figure 1. Configurations and dimensions - Continued.

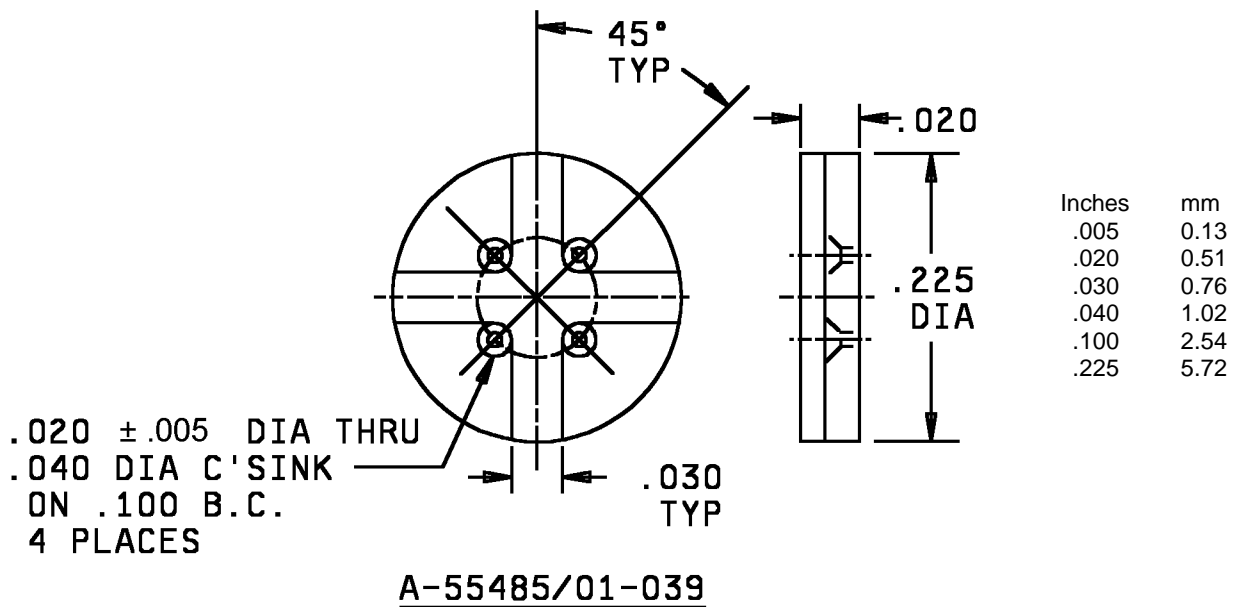
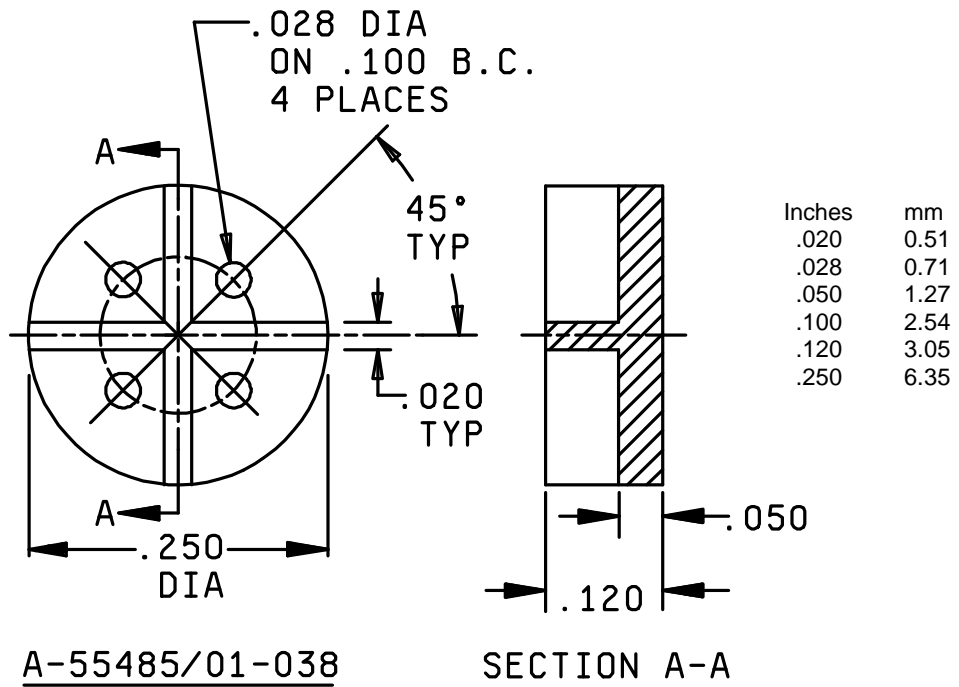


Figure 1. Configurations and dimensions - Continued.

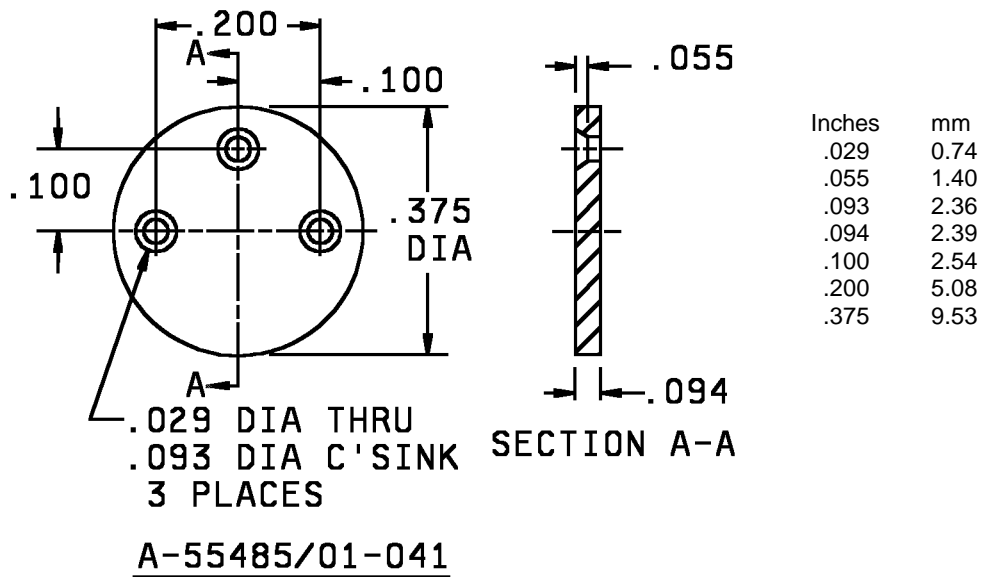
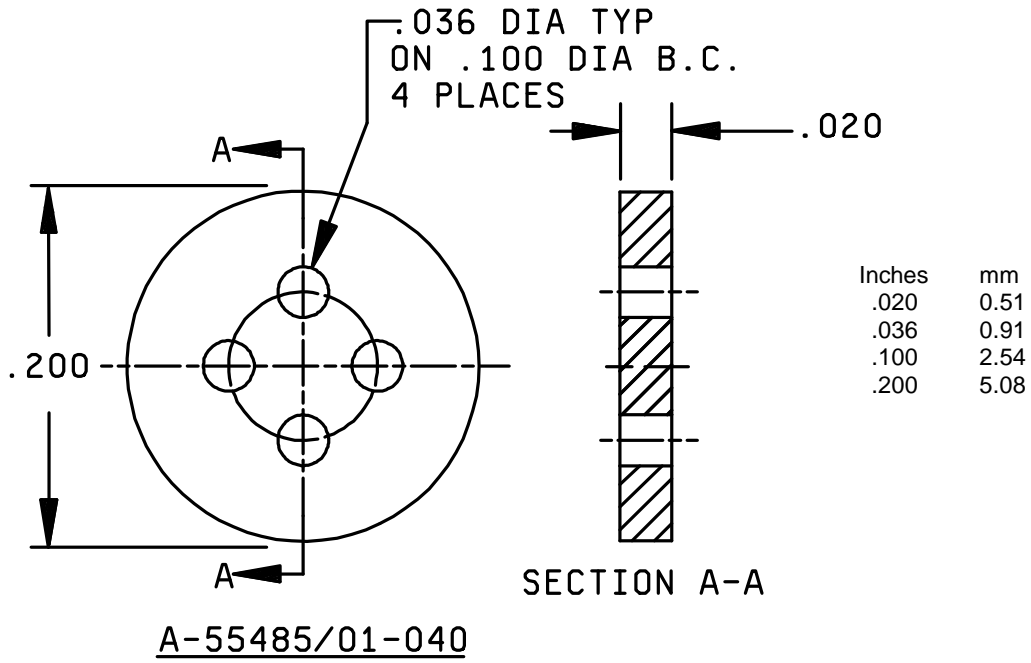


Figure 1. Configurations and dimensions - Continued.

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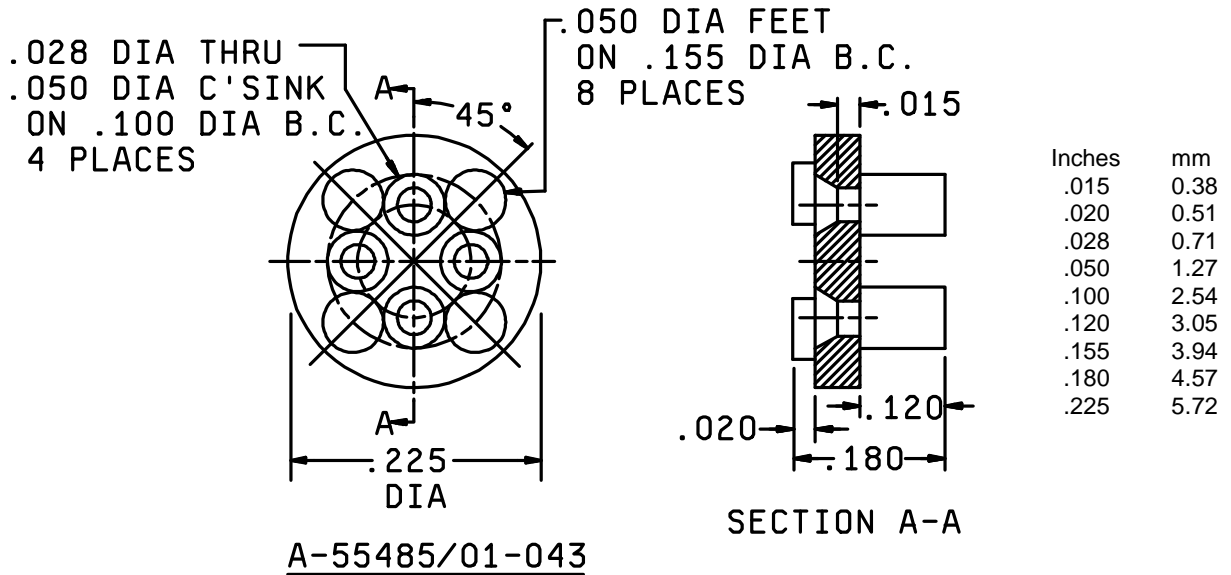
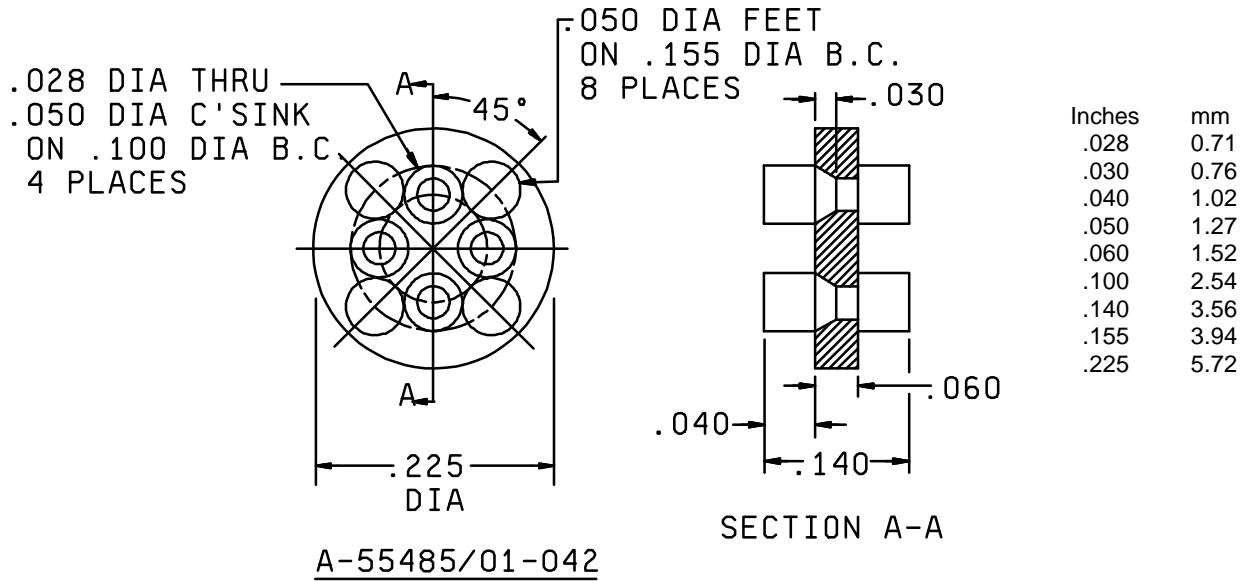


Figure 1. Configurations and dimensions - Continued.

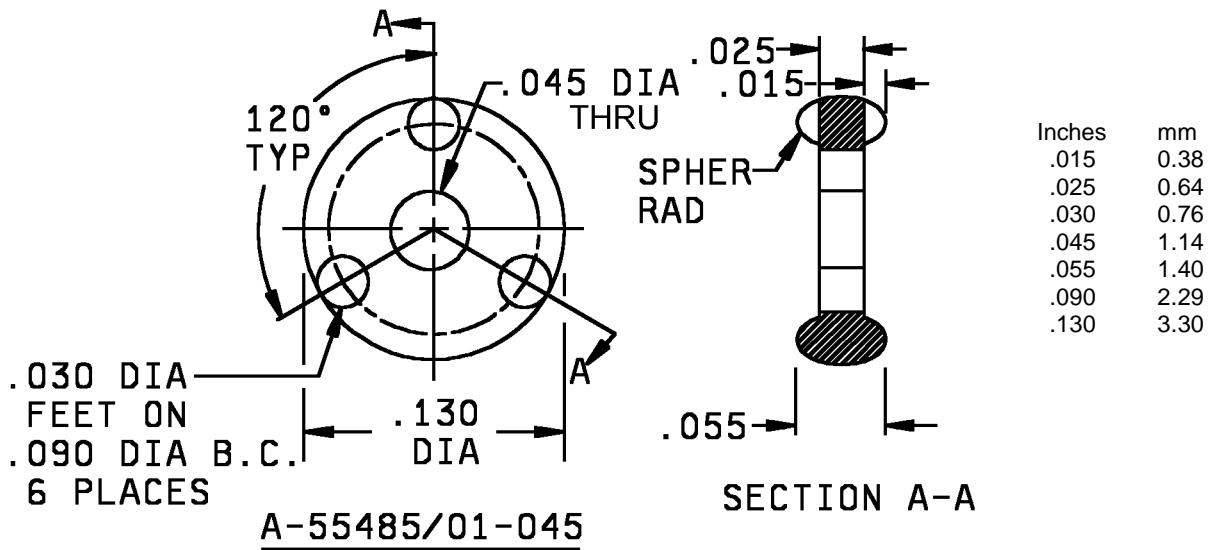
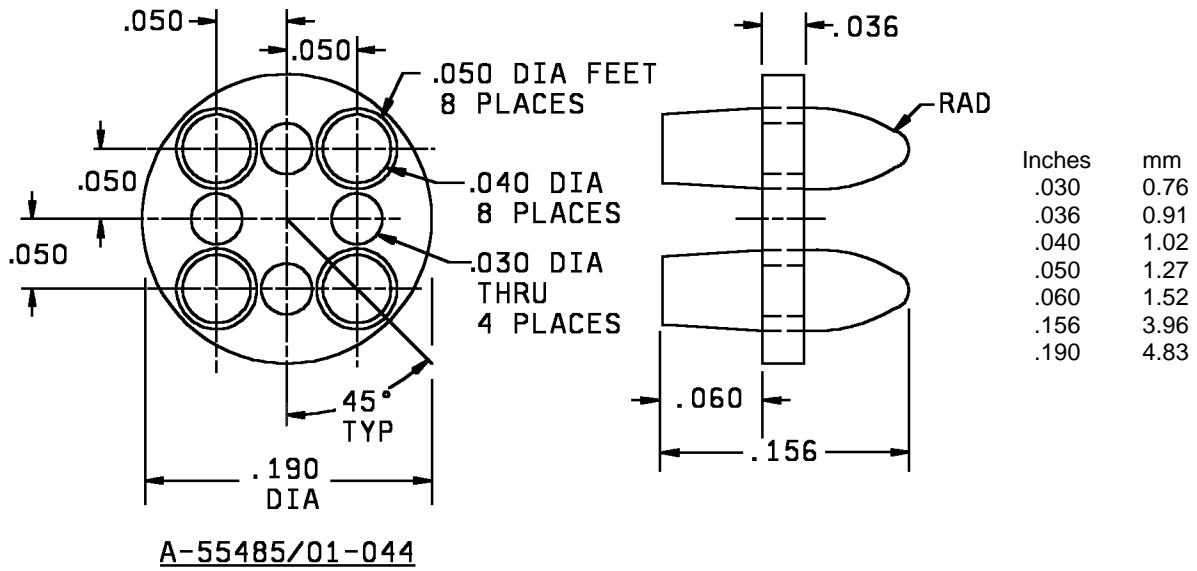


Figure 1. Configurations and dimensions - Continued.

A-A-55485/1A

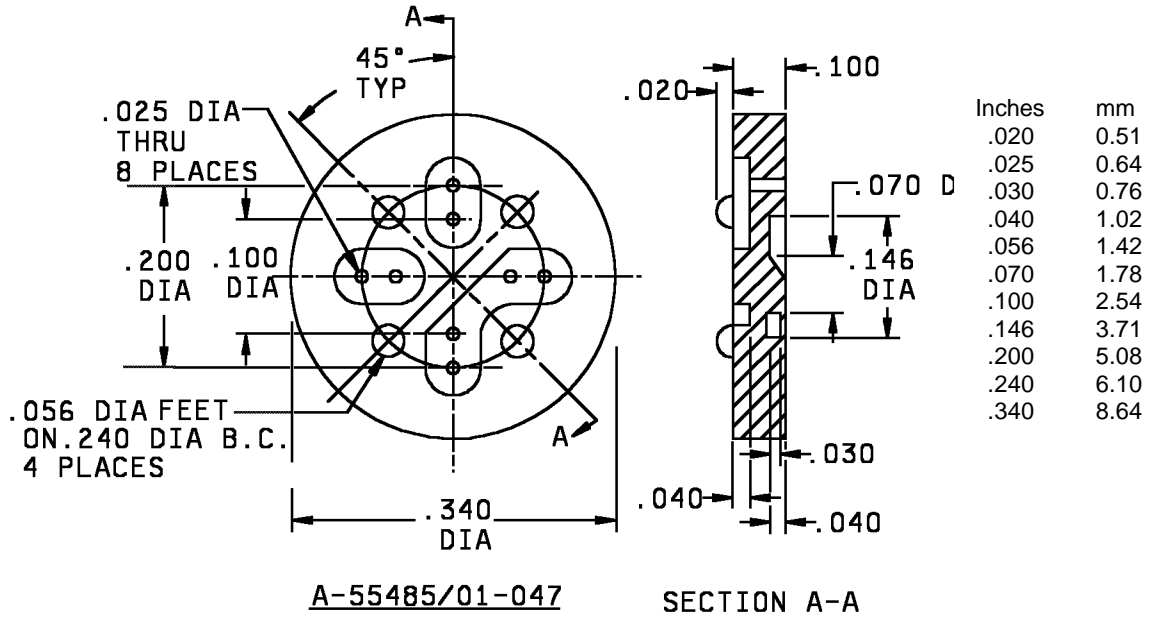
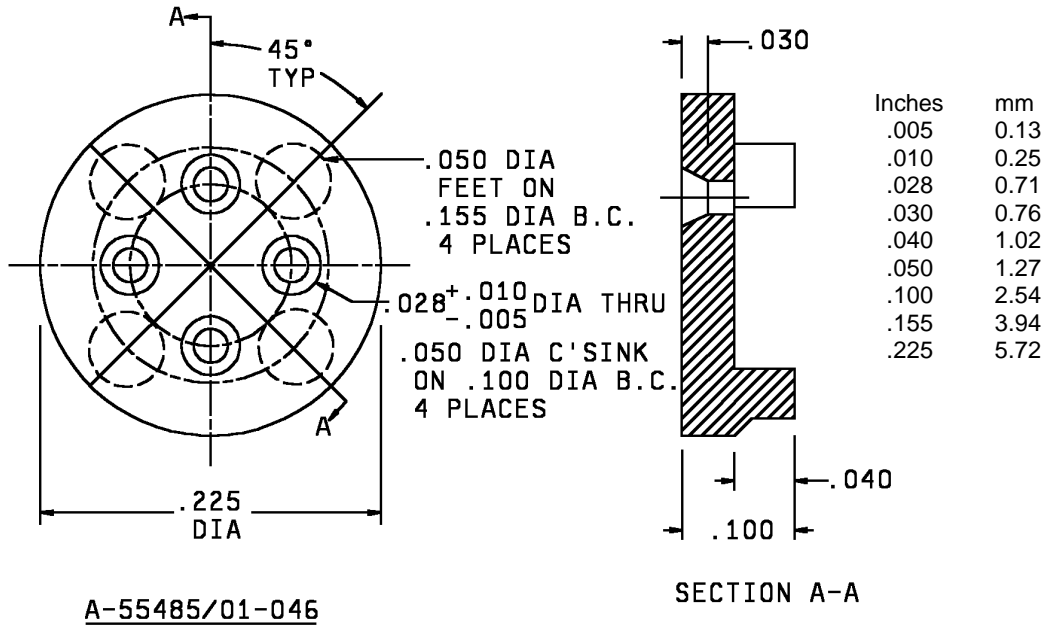
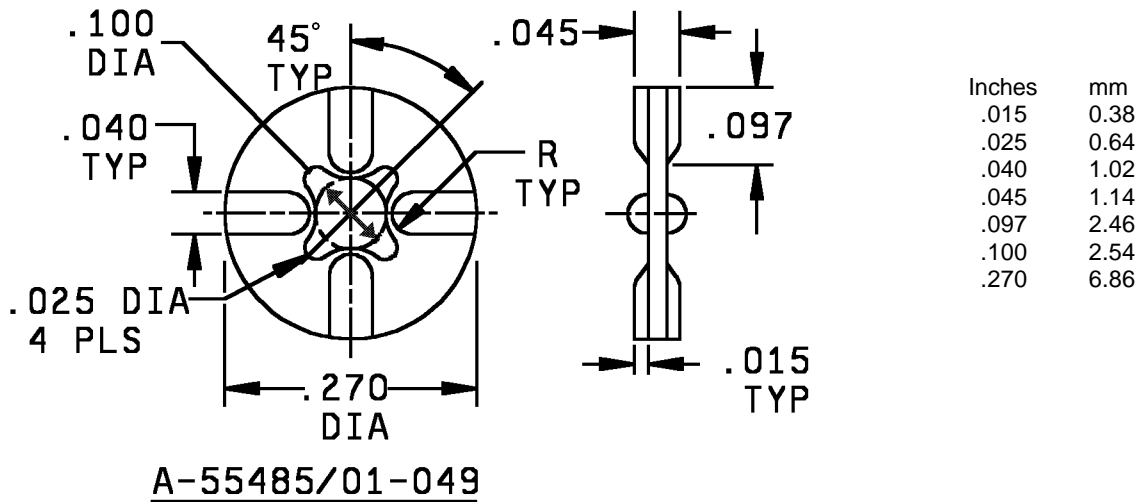
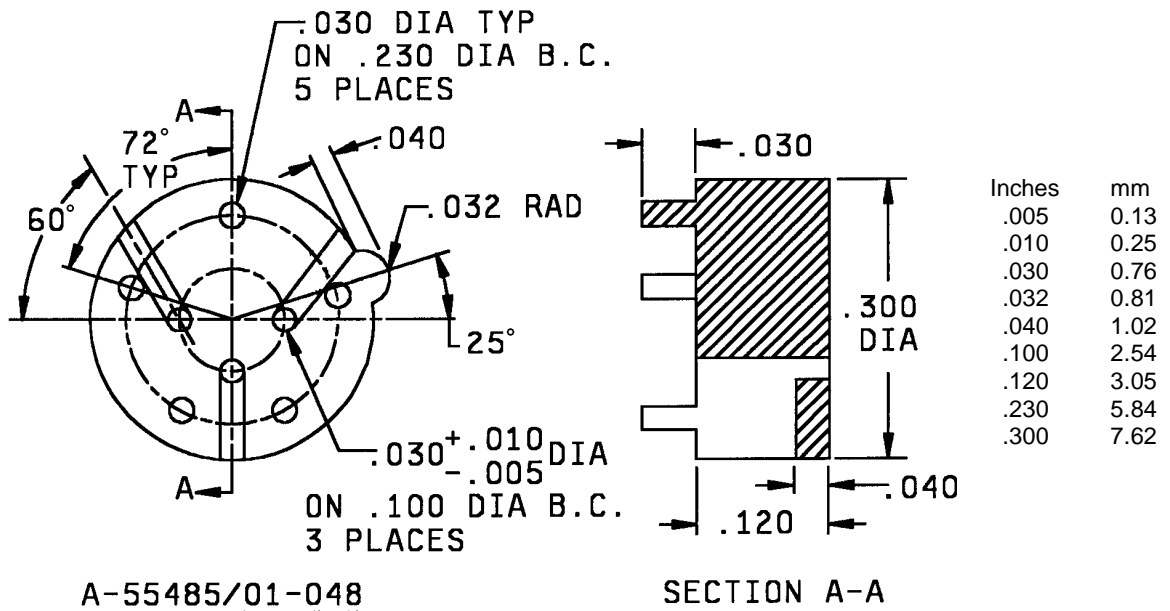


Figure 1. Configurations and dimensions - Continued.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Tolerance on height of pad shall be ± 0.015 (0.38 mm).
4. Unless otherwise specified, tolerances are ± 0.010 (0.25 mm) for decimals and $\pm 1^\circ$ on angles. A 0.010 (0.25 mm) radius is permissible on corners and edges. A 1° draft is permitted on sides.

Figure 1. Configurations and dimensions - Continued.

NOTES.

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.)

<u>MFR's CAGE</u>	<u>MFR's name and address</u>	<u>MFR's CAGE</u>	<u>MFR's name and address</u>
OZK84	Micro-Dimensional Products, Inc 548 North Trooper Road Norristown, PA 19403-4536 (610) 630-4658	24227	Teknational Industries, Inc. 391 Gregory Street Rochester, NY 14620 (716) 473-6310 http://www.teknational.com
08289	Delbert Blinn Company, Inc 1678 East Mission Boulevard Pomona, CA 91766-2007 (909) 623-1257 http://www.delbertblinn.com	32559	Bivar, Inc. 4 Thomas Irvine, CA 92718-2512 (949) 951-8808 http://www.bivar.com
13103	Thermalloy, Inc 2021 West Valley View Lane Dallas, TX 75381-0839 (214) 243-4321 http://www.thermalloy.com	53174	APX Plastics Company 3407 Dalworth Street Arlington, TX 76011-6815 (817) 275-3883 http://www.apxplastics.com
21071	Globe Plastics, Inc. 13477 Twelfth Street Chino, CA 91710-5206 (909) 464-1520 http://www.globecomposites.com	54355	Accessories for Electronics, Inc. 195-Q Central Avenue E. Farmingdale, NY 11735 (516) 847-0158 http://www.afeaccessories.com

Part number (P/N) supersession data. These CID part numbers supersede the following manufacturer's P/N's (table I) and MIL-M-38527/1 P/N's (table II) as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE I. P/N Supersession data.

Dash number (see figure 1) A-55485/01-	Manufacturers part number <u>1/</u>							
	CAGE OZK84	CAGE 08289	CAGE 13103	CAGE 21071	CAGE 24227	CAGE 32559	CAGE 53174	CAGE 54355
030N	10167N		7717-18N	10058-1	1018	115-100	AP-002/N	965-525N
030D	10167D		7717-18D	10058-2			AP-002/D	965-525D
031N	10172N		7717-152N	10239-1	1011	109-045	AP-036/B/N	965-541N
031D	10172D		7717-152D	10239-2			AP-036/B/D	965-541D
032N	10239N		7717-108N	10052-1			AP-136/N	965-547N
032D	10239D		7717-108D	10052-2			AP-136/D	965-547D
033N	10216N		7717-188N	10070-1	1029	119-096	AP-286/N	965-545N
033D	10216D			10070-2			AP-286/D	965-545D
034N	10042N		7717-89N	10108-1	1020	117-080	AP-028/N	965-527N
034D	10042D		7717-89D	10108-2			AP-028/D	965-527D
035N	10206N			10160-1		116-060	AP-284/N	965-526N
035D	10206D			10160-2			AP-284/D	965-526D
036N	10045N			10234-1	1027	118-055	AP-065/N	965-528N
036D	10045D			10234-2			AP-065/D	965-528D
037N	10168N			10238-1	1000	110-030	AP-036/A/N	965-546N
037D	10168D			10238-2			AP-036/A/D	965-546D
038N	10304N	503-041-N	7717-7N	10746-1			AP-008/N	965-564N
038D	10304D	503-041-D	7717-7D	10746-2			AP-008/D	965-564D
039N	10234N							
039D	10234D							
040N	10246N		7717-16N	10114-1	1017	104-020	AP-014/N	965-524N
040D	10246D		7717-16D	10114-2			AP-014/D	965-524D
041N	10038N			10020-1	3035	521-094	AP-165/N	965-548N
041D	10038D			10020-2			AP-165/D	965-548D
042N	10117N							
042D	10117D							
043N	10243N			10254-1			AP-144/N	965-567N
043D	10243D			10254-2			AP-144/D	965-567D
044N	10053N			10018-1	1030	120-156	AP-213/N	965-838N
044D	10053D			10018-2			AP-213/D	965-838D
045N	10226N			10550-1			AP-151/N	965-531N
045D	10226D			10550-2			AP-151/D	965-531D

See footnote at end of table.

TABLE I. P/N supersession data - continued.

Dash number (see figure 1) A-55485/01-	Manufacturers part number <u>1/</u>							
	CAGE OZK84	CAGE 08289	CAGE 13103	CAGE 21071	CAGE 24227	CAGE 32559	CAGE 53174	CAGE 54355
046N	10217N			10246-1			AP-455/N	965-597N
046D	10217D			10246-2			AP-455/D	965-597D
047N	10067N			10038-1			AP-162/N	965-517N
047D	10067D			10038-2			AP-162/D	965-517D
048N	10036N		7717-115N				AP-206/N	965-622N
048D	10036D						AP-206/D	
049N	10190N			10236-1	1001	106-045	AP-237/N	965-625N
049D	10190D			10236-2			AP-237/D	965-625D

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.

TABLE II. MIL-M-38527/1 P/N supersession data. 1/

Superseded part number M38527/01 -	Replacement CID Part number A-55485/01 -
030	030
031	031
032	032
033	033
034	034
035	035
036	036
037	037
038	038
039	039
040	040
041	041
042	042
043	043
044	044
045	045
046	046
047	047
048	048
049	049

1/ Complete PIN shall include a suffix letter to denote material.

MILITARY INTERESTS:

Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA - CC

(Project 5999-0377)