

[INCH-POUND]
A-A-55485/3D
19 September 2022
SUPERSEDING
A-A-55485/3C
13 September 2002

COMMERCIAL ITEM DESCRIPTION SPECIFICATION SHEET

MOUNTING PADS, ELECTRICAL-ELECTRONIC COMPONENT,
LEAD CONVERSION, .100 DIAMETER PIN CENTER TO A LARGER DIAMETER

The General Services Administration has authorized the use of
this commercial item description (CID) as a replacement for
[MIL-M-38527/3](#) 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 [A-A-55485](#).

CLASSIFICATION OR PART 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).



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.

NOTES.

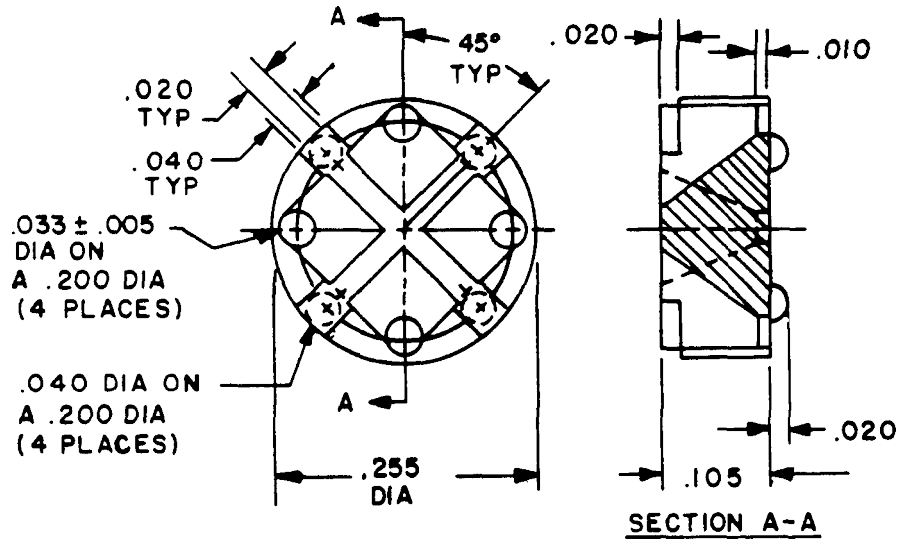
PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See
classification information for PIN format example.

AMSC N/A

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

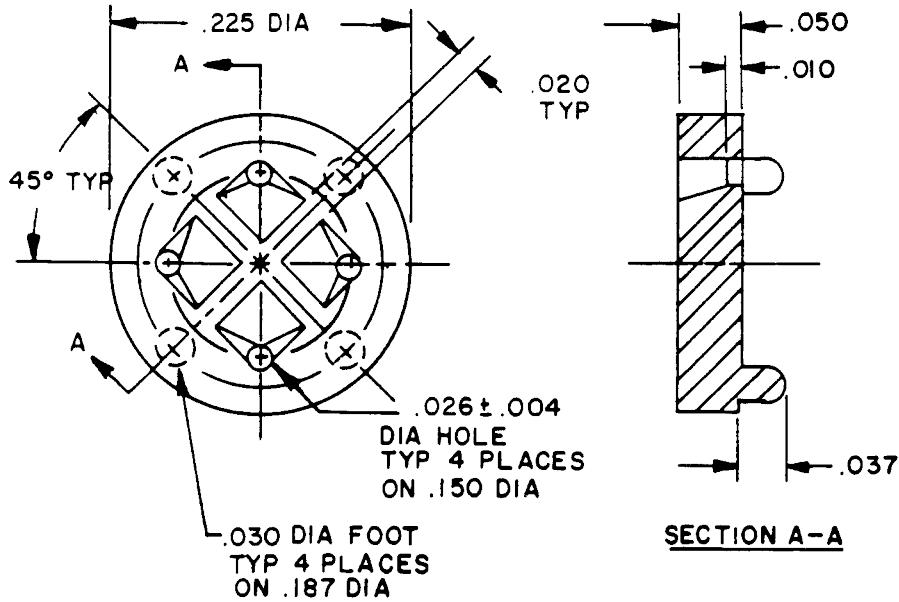
FSC 5999





Inches	mm
.005	0.13
.010	0.25
.020	0.51
.033	0.84
.040	1.02
.105	2.67
.200	5.08
.255	6.48

A-55485/03-001

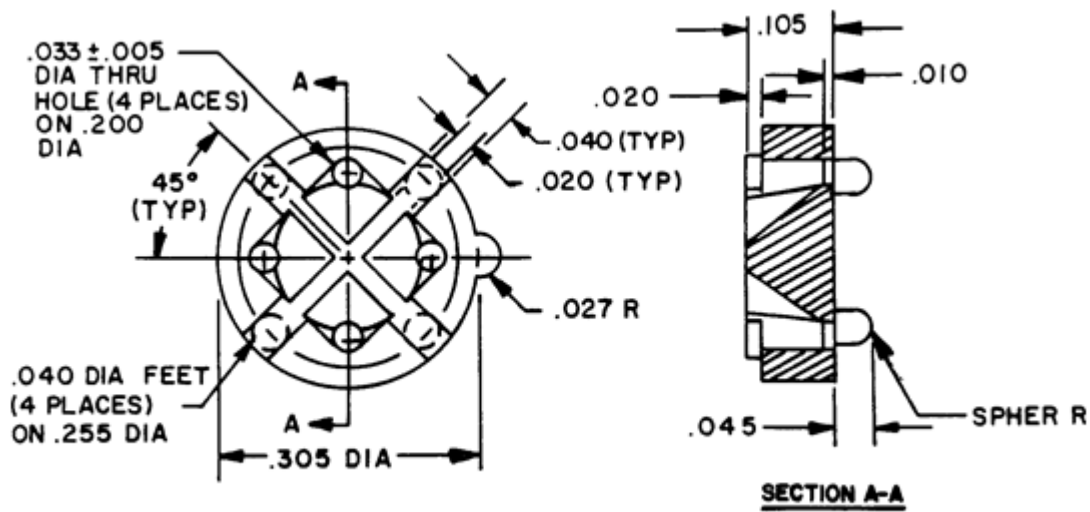


Inches	mm
.004	0.10
.010	0.25
.020	0.51
.026	0.66
.030	0.76
.037	0.94
.050	1.27
.150	3.81
.187	4.75
.225	5.72

A-55485/03-002

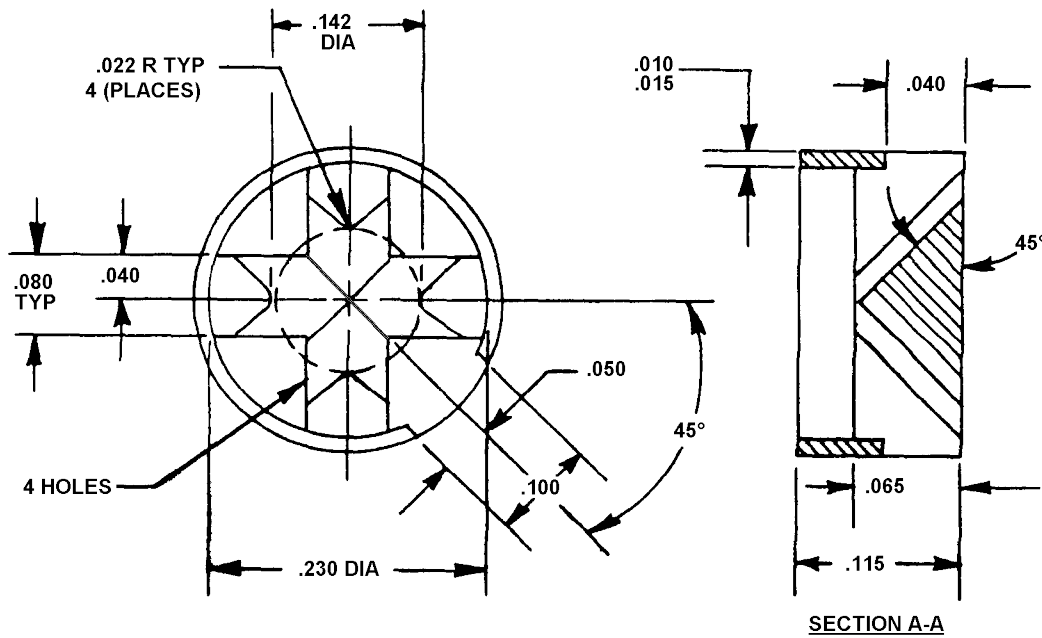
Figure 1. Configurations and dimensions.

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Inches	mm
.005	0.13
.010	0.25
.020	0.51
.027	0.69
.033	0.84
.040	1.02
.045	1.14
.105	2.67
.200	5.08
.255	6.48
.305	7.75

A-55485/03-003

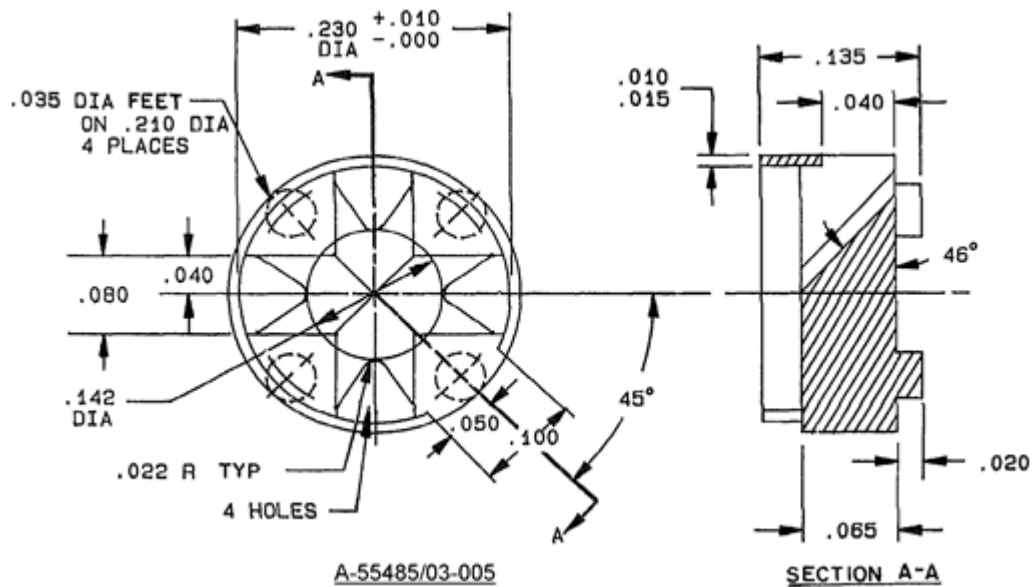


Inches	mm
.010	0.25
.015	0.38
.020	0.51
.022	0.56
.035	0.89
.040	1.02
.050	1.27
.065	1.65
.080	2.03
.100	2.54
.135	3.43
.142	3.61
.210	5.33
.230	5.84

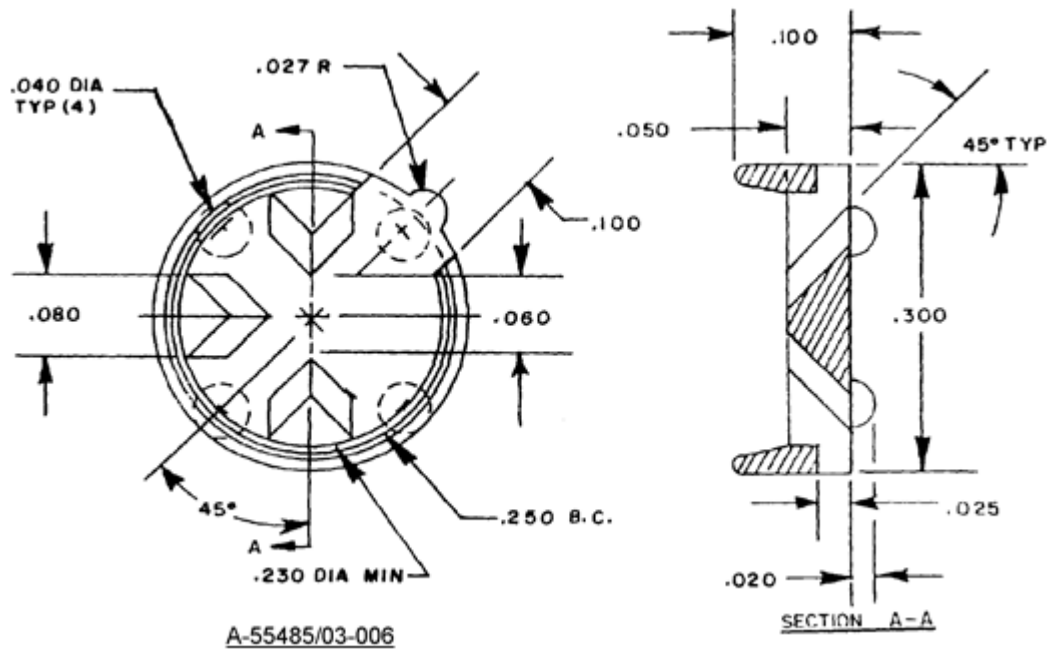
A-55485/03-004

Figure 1. Configurations and dimensions - Continued.

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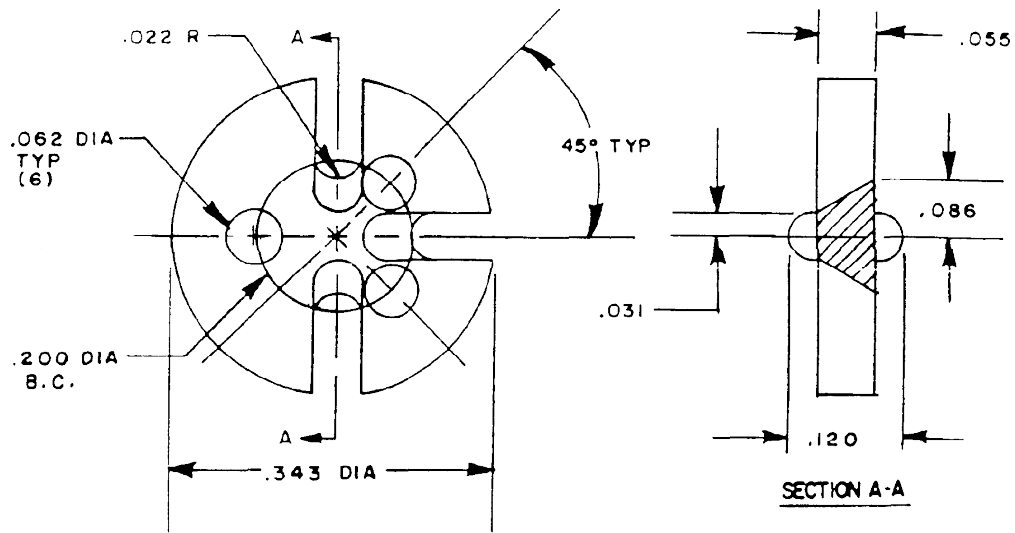
Inches	mm
.010	0.25
.015	0.38
.020	0.51
.022	0.56
.035	0.89
.040	1.02
.050	1.27
.065	1.65
.080	2.03
.100	2.54
.135	3.43
.142	3.61
.210	5.33
.230	5.84



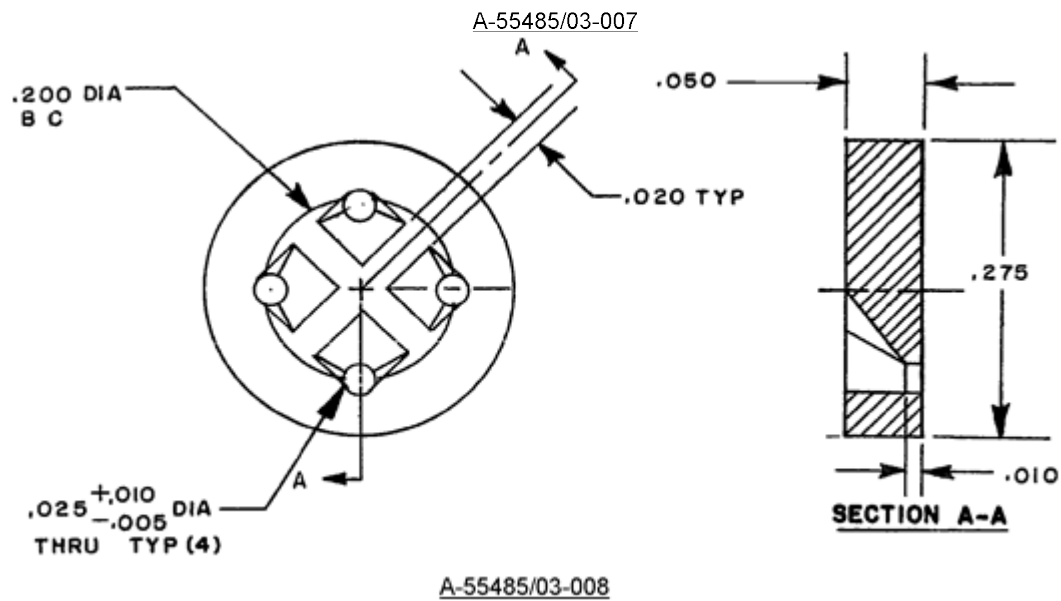
Inches	mm
.020	0.51
.025	0.64
.027	0.69
.040	1.02
.050	1.27
.060	1.52
.080	2.03
.100	2.54
.230	5.84
.250	6.35
.300	7.62

Figure 1. Configurations and dimensions - Continued.

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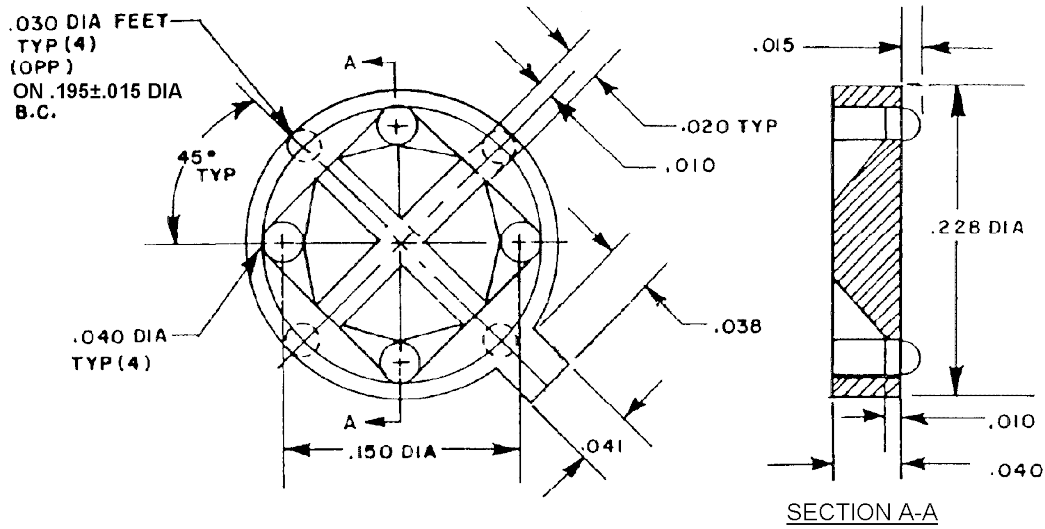
Inches	mm
.022	0.56
.031	0.79
.055	1.40
.062	1.57
.086	2.18
.120	3.05
.200	5.08
.343	8.71



Inches	mm
.005	0.13
.010	0.25
.020	0.51
.025	0.64
.050	1.27
.200	5.08
.275	6.99

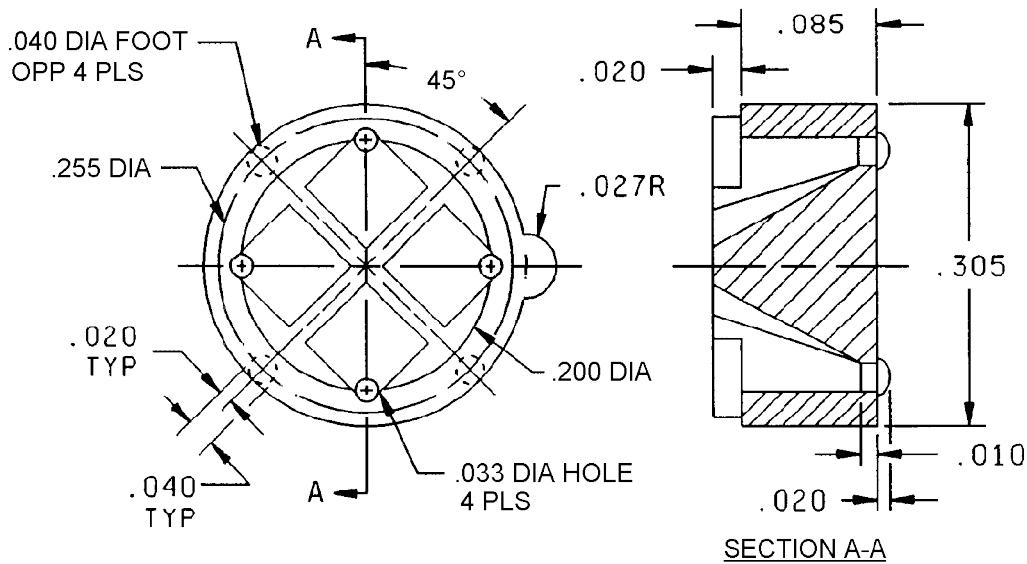
Figure 1. Configurations and dimensions - Continued

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Inches	mm
.010	0.25
.015	0.38
.020	0.51
.030	0.76
.038	0.97
.040	1.02
.041	1.04
.150	3.81
.195	4.95
.228	5.79

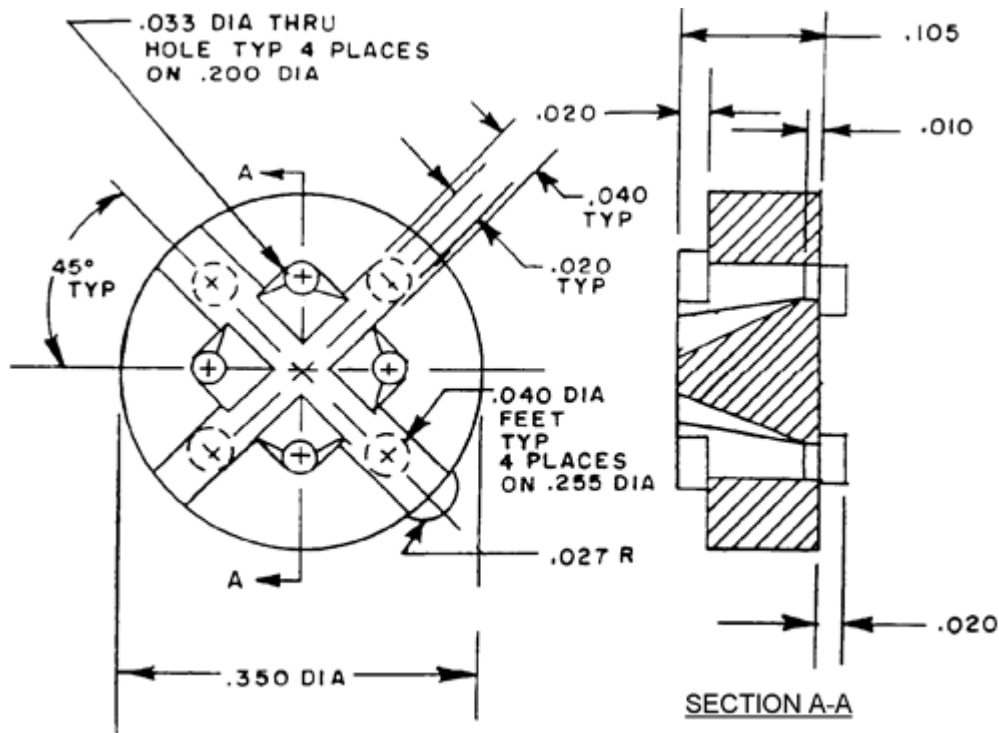
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Inches	mm
.010	0.25
.020	0.51
.027	0.69
.033	0.84
.040	1.02
.085	2.16
.200	5.08
.255	6.48
.305	7.75

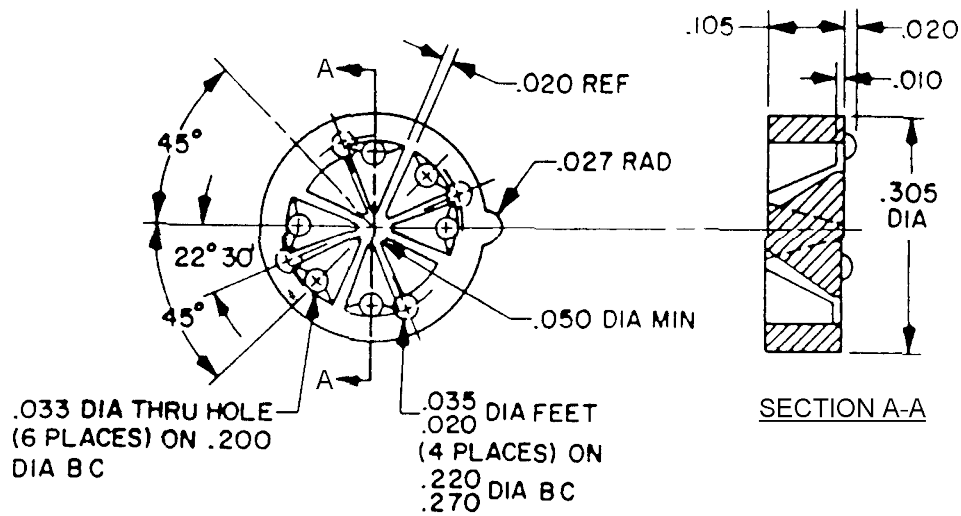
A-55485/03-010

Figure 1. Configurations and dimensions - Continued.



A-55485/03-011

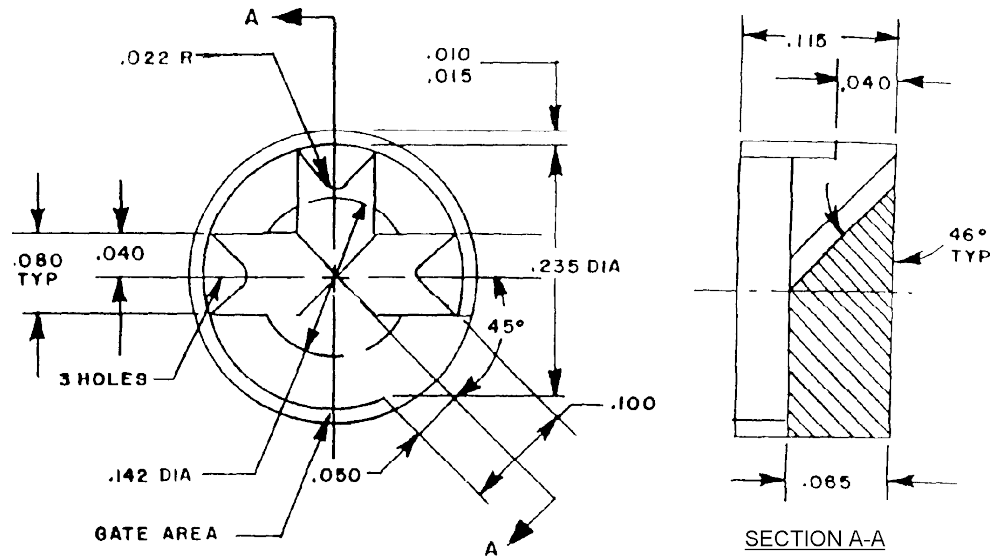
Inches	mm
.010	0.25
.020	0.51
.027	0.69
.033	0.84
.040	1.02
.105	2.67
.200	5.08
.255	6.48
.350	8.89



A-55485/03-012

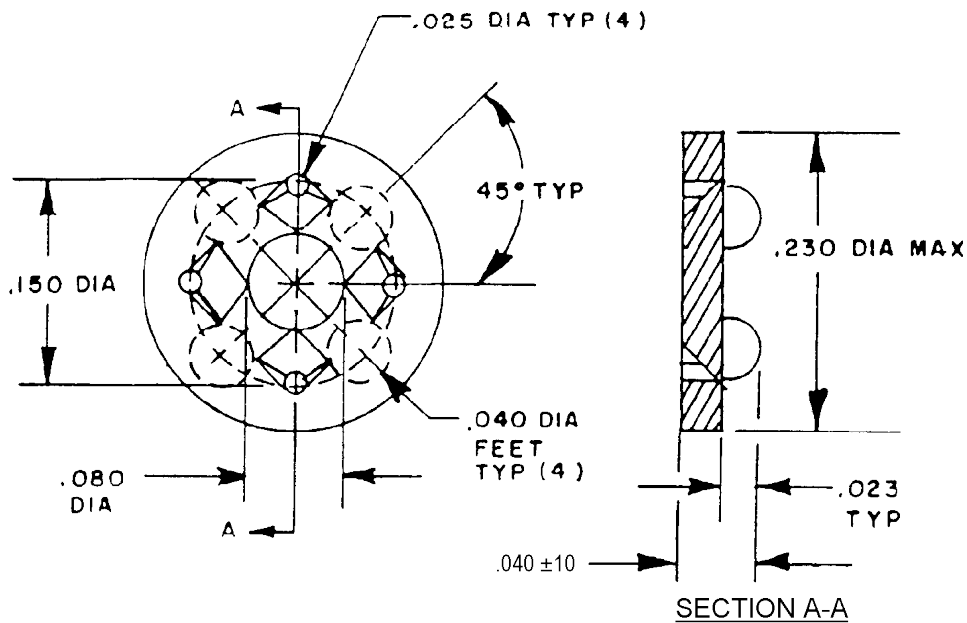
Inches	mm
.010	0.25
.020	0.51
.027	0.69
.033	0.84
.035	0.89
.050	1.27
.105	2.67
.200	5.08
.220	5.59
.270	6.86
.305	7.75

Figure 1. Configurations and dimensions - Continued.



Inches	mm
.010	0.25
.015	0.38
.022	0.56
.040	1.02
.050	1.27
.065	1.65
.080	2.03
.100	2.54
.115	2.92
.142	3.61
.235	5.97

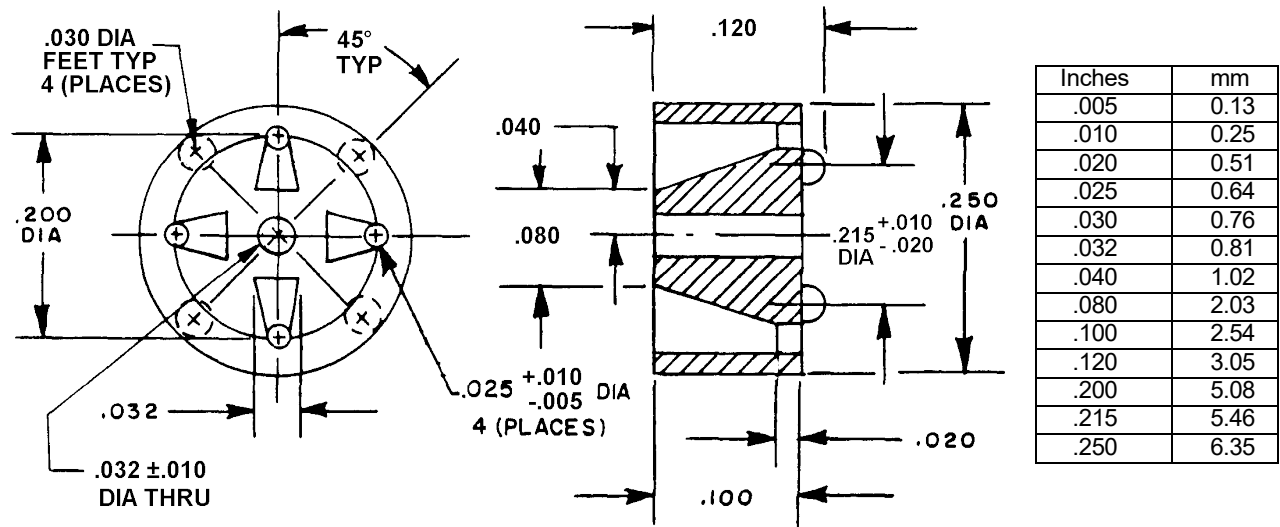
A-55485/03-013



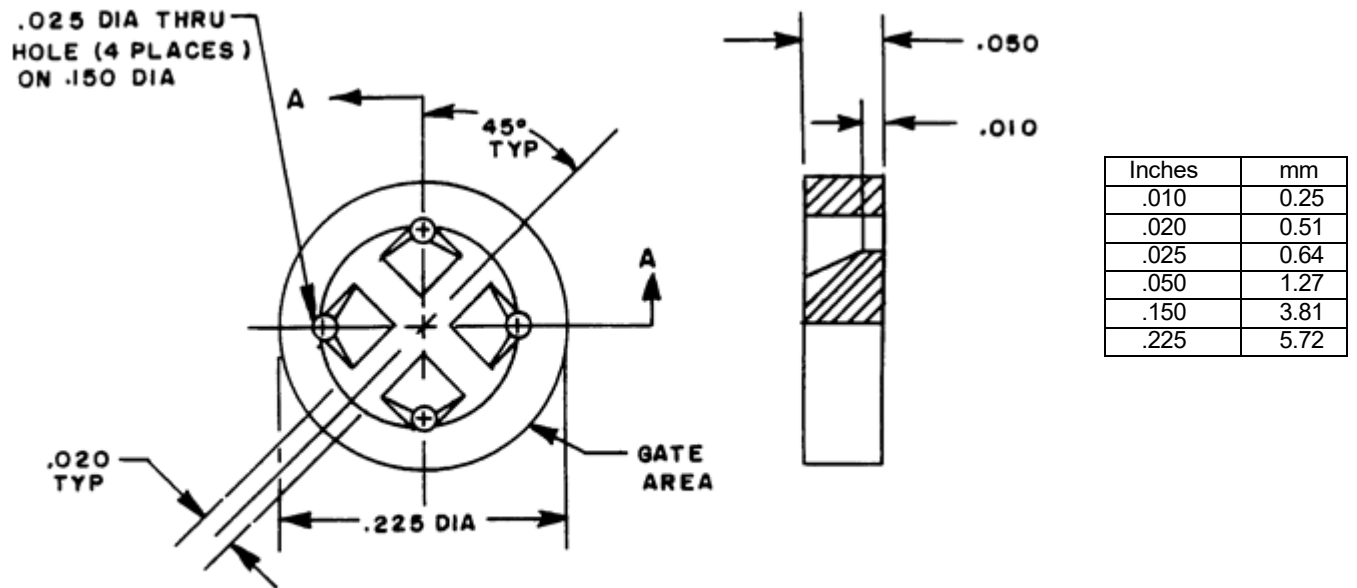
Inches	mm
.023	0.58
.025	0.64
.040	1.02
.080	2.03
.150	3.81
.230	5.84

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Figure 1. Configurations and dimensions - Continued.

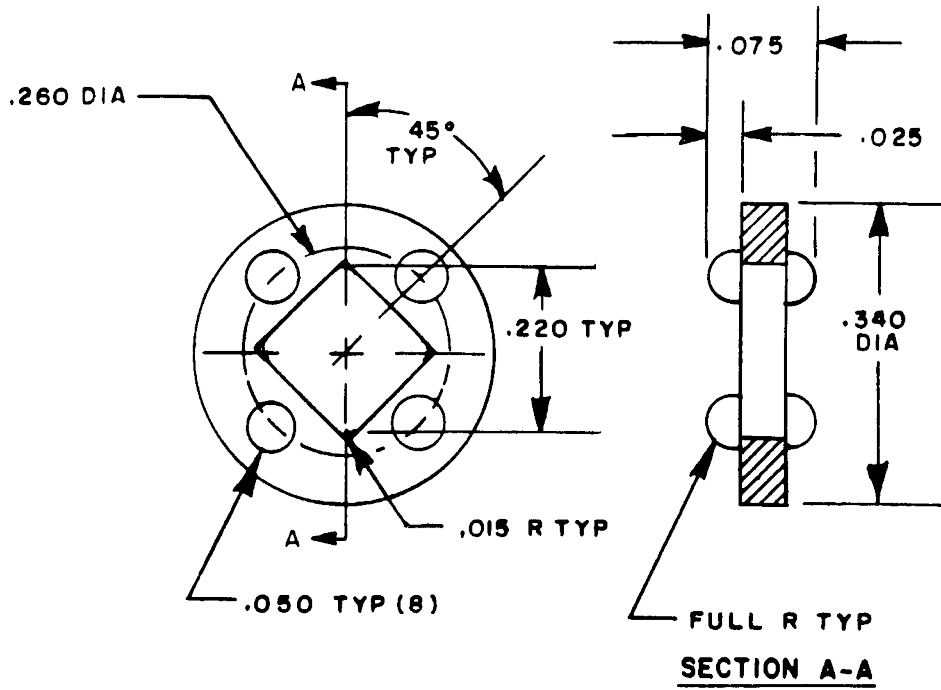


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A-55485/03-016

Figure 1. Configurations and dimensions - Continued.



Inches	mm
.015	0.38
.025	0.64
.050	1.27
.075	1.91
.220	5.59
.260	6.60
.340	8.64

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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 .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>
0ZK84	Micro-Dimensional Products, Inc 199 W. Spruce Street Norristown, PA 19401-3863 (610) 239-7940 https://www.microdimensional.com	67012	Global Supply, LLC. Teknational Division 500 Division St Campbell, CA 95008-6906 (408) 978-4181 https://www.teknational.com
21071	Globe Plastics, Inc. 13477 Twelfth Street Chino, CA 91710-5206 (909) 464-1520 https://www.globecomposites.com		

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Part number (P/N) supersession data. These CID PINs supersede the following MFR's P/N's ([table I](#)) and MIL-M-38527/3 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-55485/03-	Manufacturers part number ^{1/}		
	CAGE 0ZK84	CAGE 21071	CAGE 67012
001N	10394N		
001D	10394D		
002N	10047N		2001
002D	10047D	10118-2	2001D
003N	10124N	10106-1	
003D	10124D	10106-2	
004N	10201N		2018
004D	10201D		2018D
005N	10242N		
005D	10242D		
006N	10194N	10272-1	
006D	10194D	10272-2	
007N	10026-10N	10140-1	2010
007D	10026-10D	10140-2	2010D
008N	10250N	10397-1	2017
008D	10250D	10397-2	2017D
009N	10232N	10399-1	2016
009D	10232D	10399-2	2016D
010N	10044N	10030-1	2015
010D	10044D	10030-2	2015D
011N	10197N		
011D	10197D		
012N	10251N	10164-1	
012D	10251D	10164-2	
013N	10034N	10266-1	
013D	10034D	10266-2	
014N	10385N	10516-1	
014D	10385D	10516-2	
015N	10548N	10704-1	2020
015D	10548D	10704-2	2020D
016N	10091N	10280-1	
016D	10091D	10280-2	
017N	10549N	10102-1	3032
017D	10549D	10102-2	3032D

^{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-38527/3 P/N supersession data. 1/

Superseded part number M38527/03 -	Replacement CID Part number A-55485/03 -
001	001
002	002
003	003
004	004
005	005
006	006
007	007
008	008
009	009
010	010
011	011
012	012
013	013
014	014
015	015
016	016
017	017

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

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue 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 and relationship to the previous issue.

MILITARY INTERESTS:

CIVIL AGENCY COORDINATING ACTIVITY:
GSA – FAS

Custodians:

Army – CR
Navy – EC
Air Force – 85
DLA – CC

Preparing Activity:
DLA - CC

(Project 5999-2022-004)

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/>.