

[INCH-POUND]
A-A-55485/4B
19 September 2022
SUPERSEDING
A-A-55485/4A
7 March 2003

COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

MOUNTING PADS, ELECTRICAL-ELECTRONIC COMPONENT,
LEAD CONVERSION, .200 OR .230 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-38527/4B](#) 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/PART OR IDENTIFICATION NUMBER (PIN). This CID uses a classification system
which is included in the Part Identification Number (PIN) as shown in the following example (see NOTES).

<u>A-55485</u>	<u>/04</u>	<u>-001</u>	<u>D</u>
—	—	—	—
CID	CID	Dash	Material letter
number	sheet	number	

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).

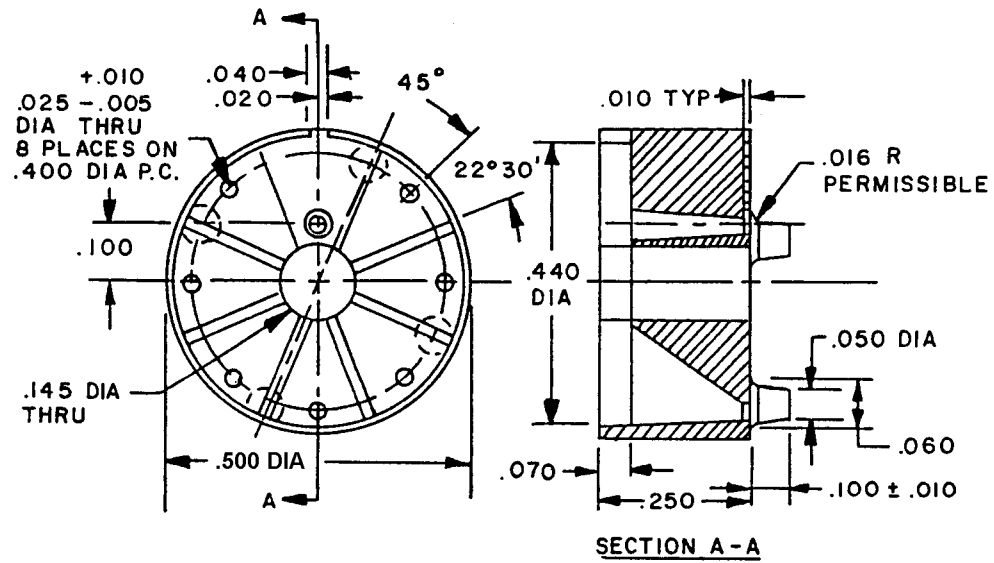
Marking. Not applicable.

NOTES.

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



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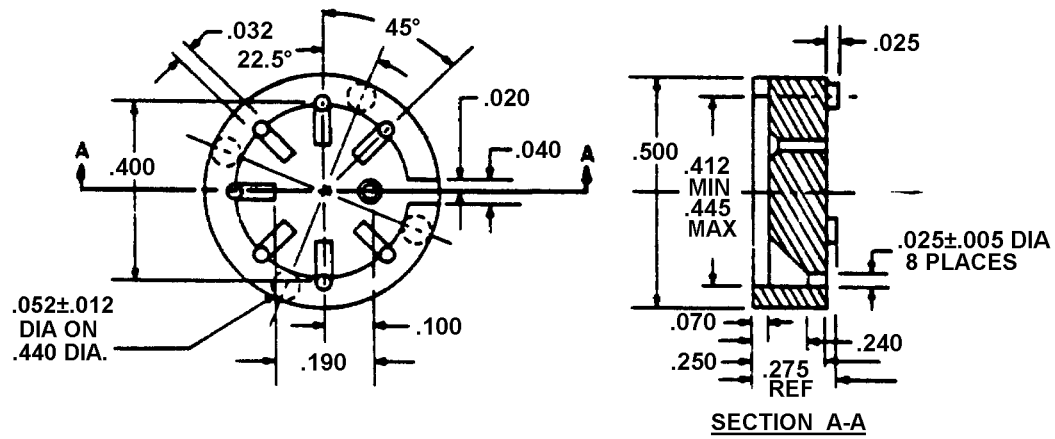


A-55485/04-001

Inches	mm
.005	0.13
.010	0.25
.016	0.41
.020	0.51
.025	0.64
.040	1.02
.045	1.14
.050	1.27
.060	1.52
.070	1.78
.100	2.54
.250	6.35
.400	10.16
.440	11.18
.500	12.70

FIGURE 1. Configurations and dimensions.

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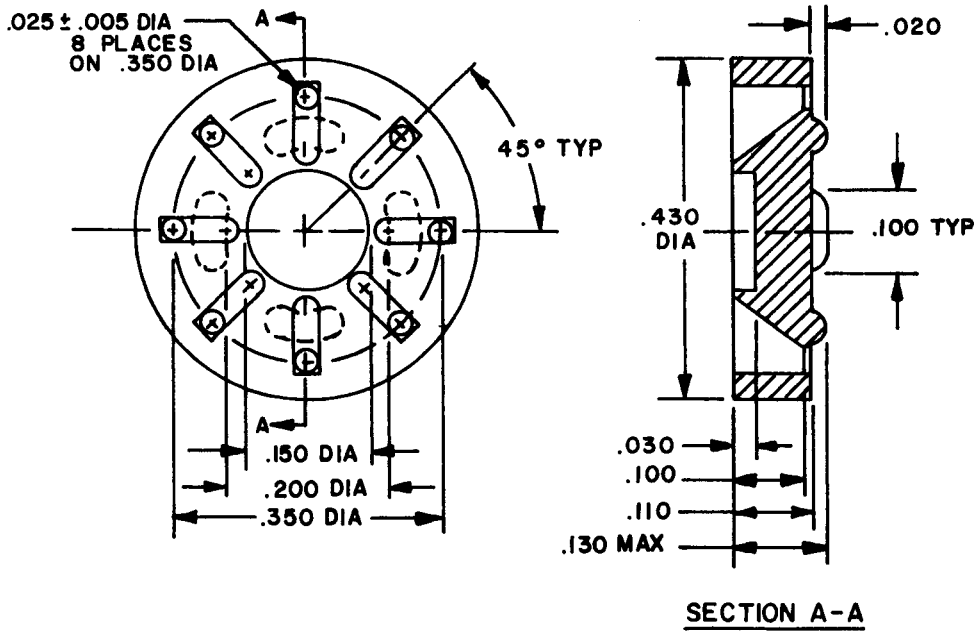


A-55485/04-002

Inches	mm
.005	0.13
.012	0.30
.020	0.51
.025	0.64
.032	0.81
.040	1.02
.052	1.32
.070	1.78
.100	2.54
.190	4.83
.240	6.10
.250	6.35
.275	6.99
.400	10.16
.412	10.46
.440	11.18
.445	11.30
.500	12.70

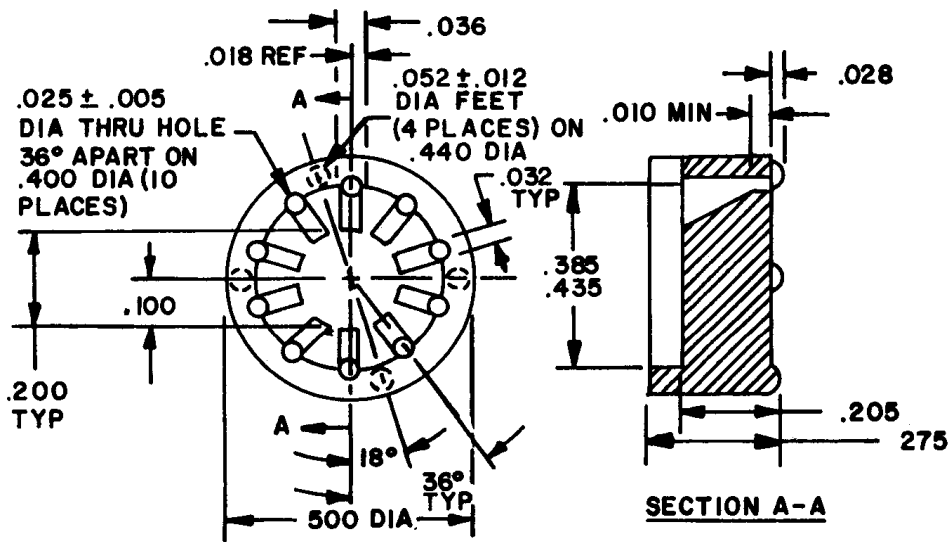
FIGURE 1. Configurations and dimensions - Continued.

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A-55485/04-003

Inches	mm
.005	0.13
.020	0.51
.025	0.64
.030	0.76
.100	2.54
.110	2.79
.130	3.30
.150	3.81
.200	5.08
.350	8.89
.430	10.92

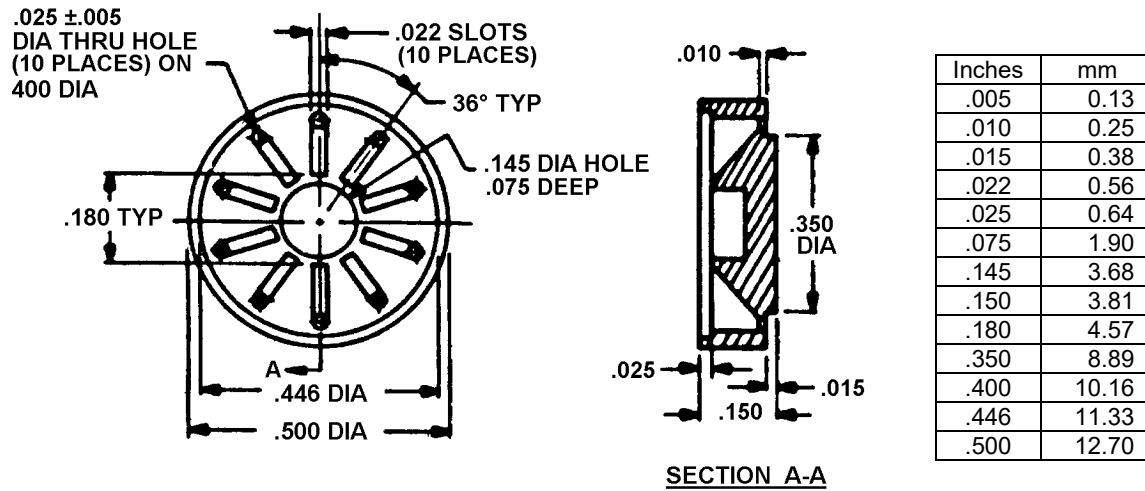


A-55485/04-004

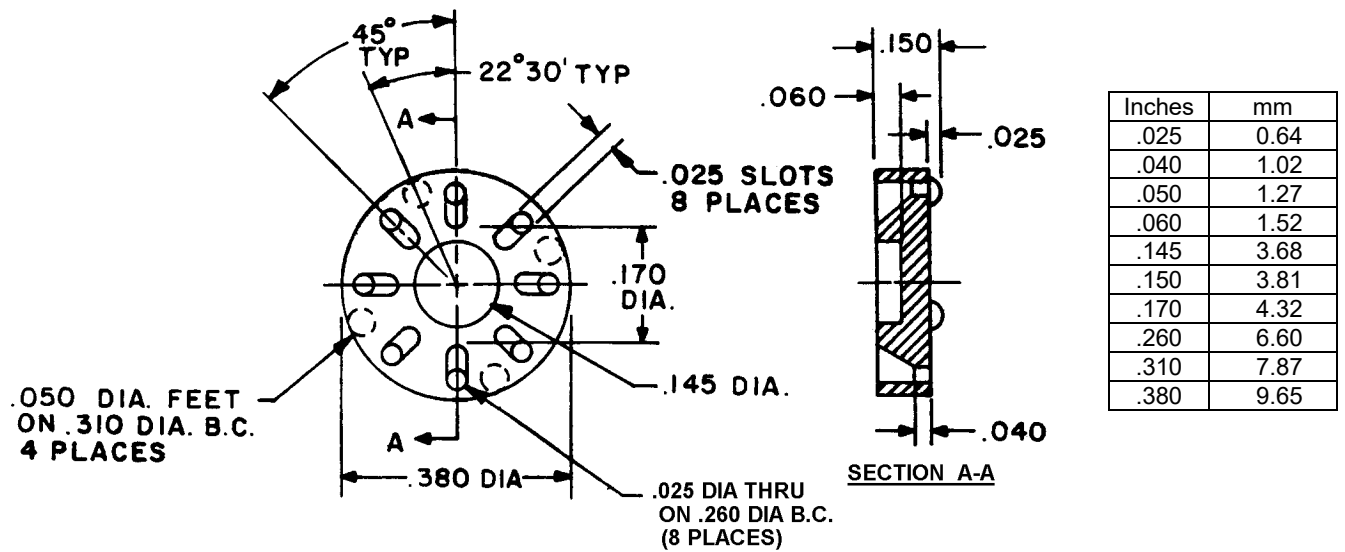
Inches	mm
.002	0.05
.005	0.13
.010	0.25
.012	0.30
.018	0.46
.025	0.64
.028	0.71
.032	0.81
.036	0.91
.052	1.32
.100	2.54
.200	5.08
.205	5.21
.275	6.99
.385	9.78
.400	10.16
.435	11.05
.440	11.18
.500	12.70

FIGURE 1. Configurations and dimensions - Continued.

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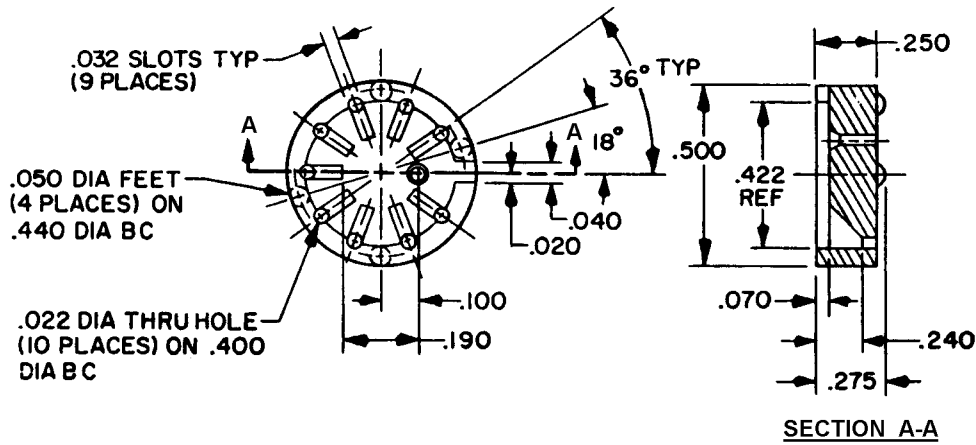
A-55485/04-005



A-55485/04-006

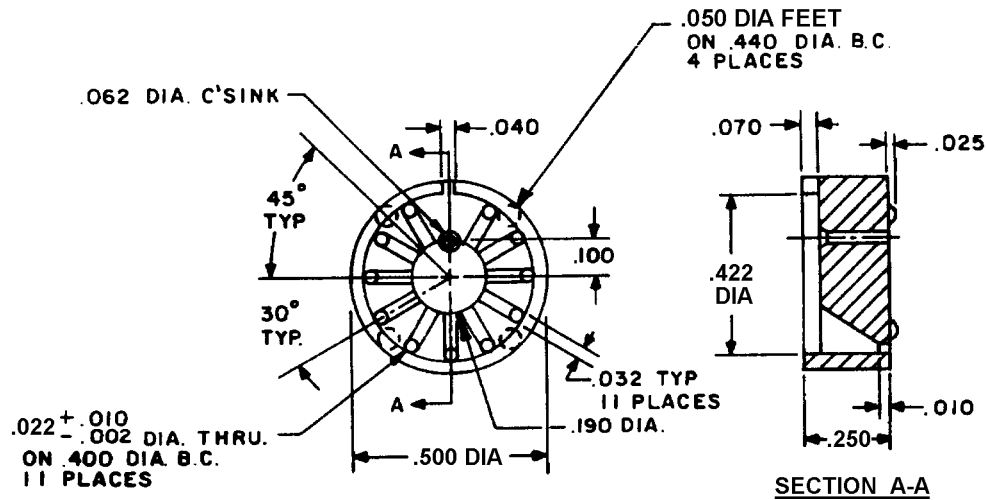
FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/4B



Inches	mm
.020	0.51
.022	0.56
.032	0.81
.040	1.02
.050	1.27
.070	1.78
.100	2.54
.190	4.83
.240	6.10
.250	6.35
.275	6.99
.400	10.16
.422	10.72
.440	11.18
.500	12.70

A-55485/04-007

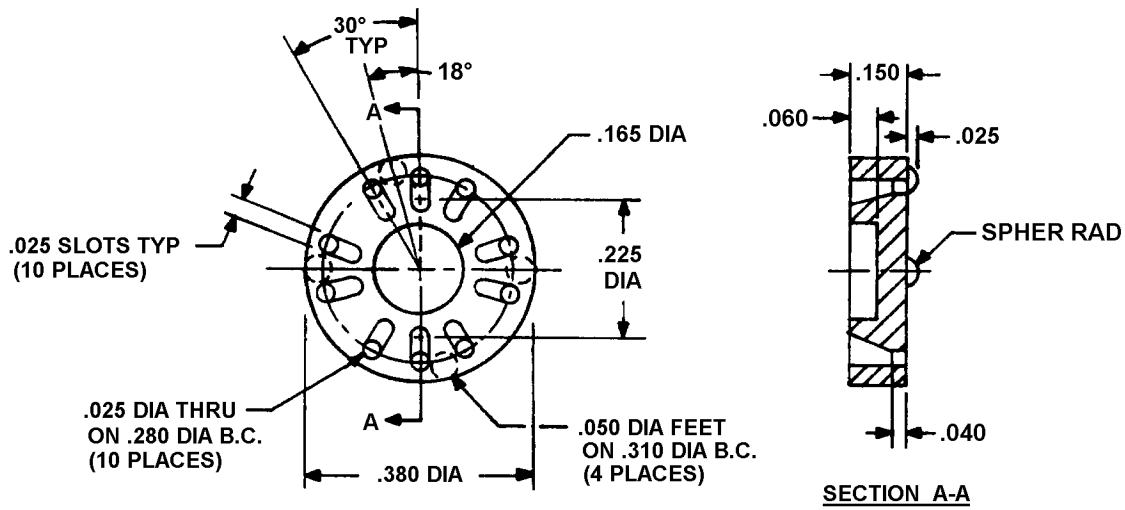


Inches	mm
.002	0.05
.010	0.25
.022	0.56
.025	0.64
.032	0.81
.040	1.02
.050	1.27
.062	1.57
.070	1.78
.100	2.54
.190	4.83
.250	6.35
.400	10.16
.422	10.72
.440	11.18

A-55485/04-008

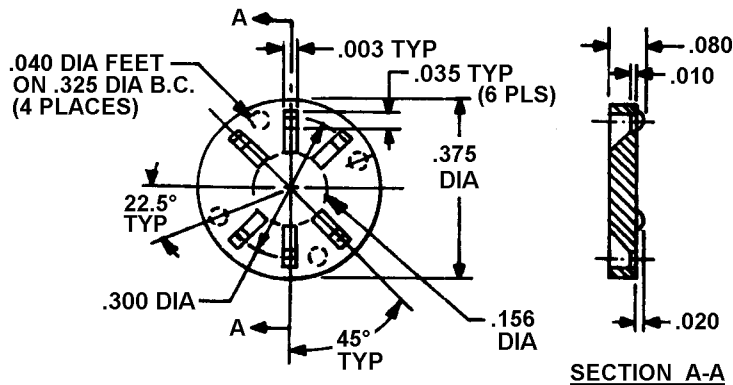
FIGURE 1. Configurations and dimensions - Continued.

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A-55485/04-009

Inches	mm
.025	0.64
.040	1.02
.050	1.27
.060	1.52
.150	3.81
.165	4.19
.225	5.72
.280	7.11
.310	7.87
.380	9.65

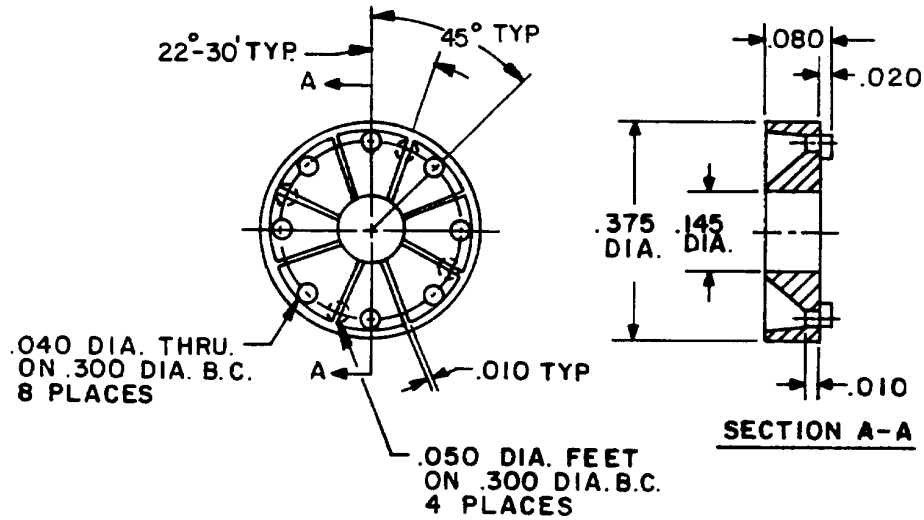


Inches	mm
.010	0.25
.020	0.51
.030	0.76
.035	0.89
.040	1.02
.080	2.03
.156	3.96
.300	7.62
.325	8.26
.375	9.53

A-55485/04-010

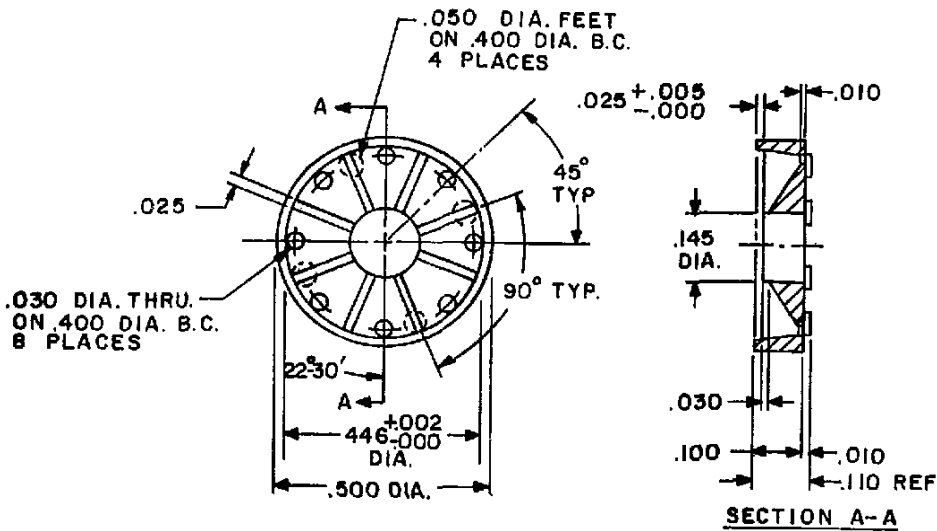
FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/4B



Inches	mm
.010	0.25
.020	0.51
.040	1.02
.050	1.27
.080	2.03
.145	3.68
.300	7.62
.375	9.53

A-55485/04-011

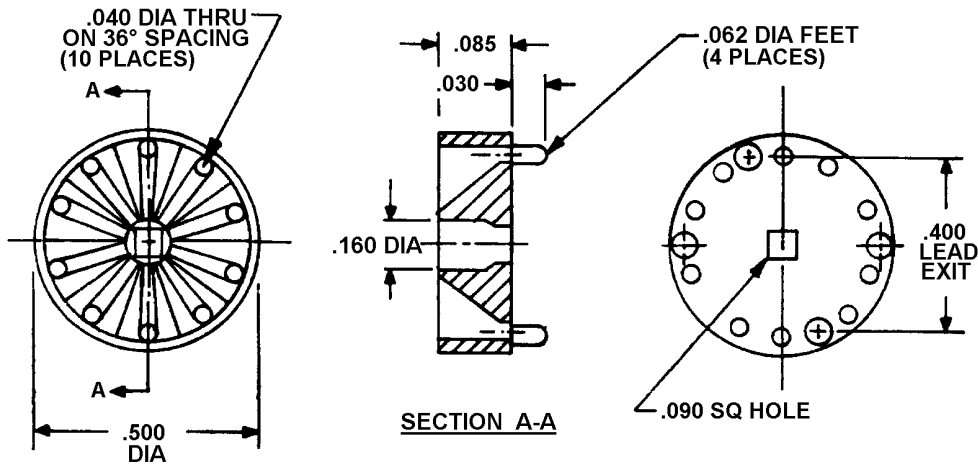


Inches	mm
.002	0.05
.005	0.13
.010	0.25
.025	0.64
.030	0.76
.050	1.27
.100	2.54
.110	2.79
.145	3.68
.400	10.16
.446	11.33
.500	12.70

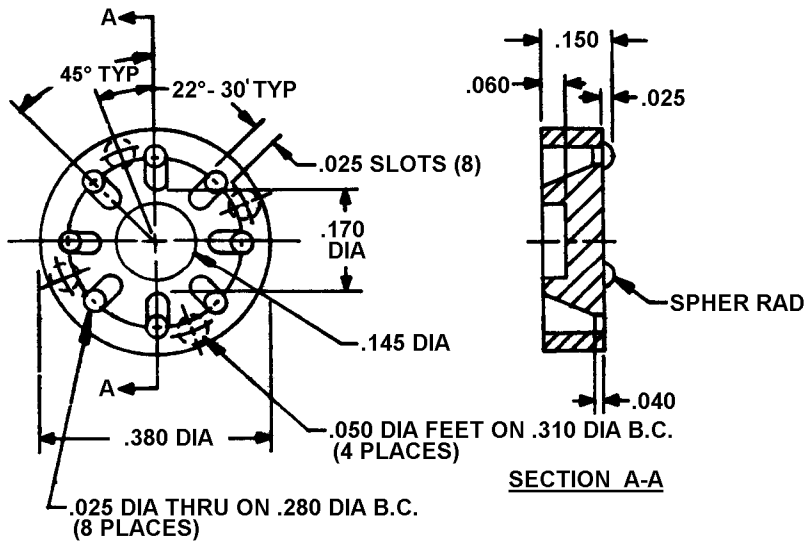
A-55485/04-012

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/4B



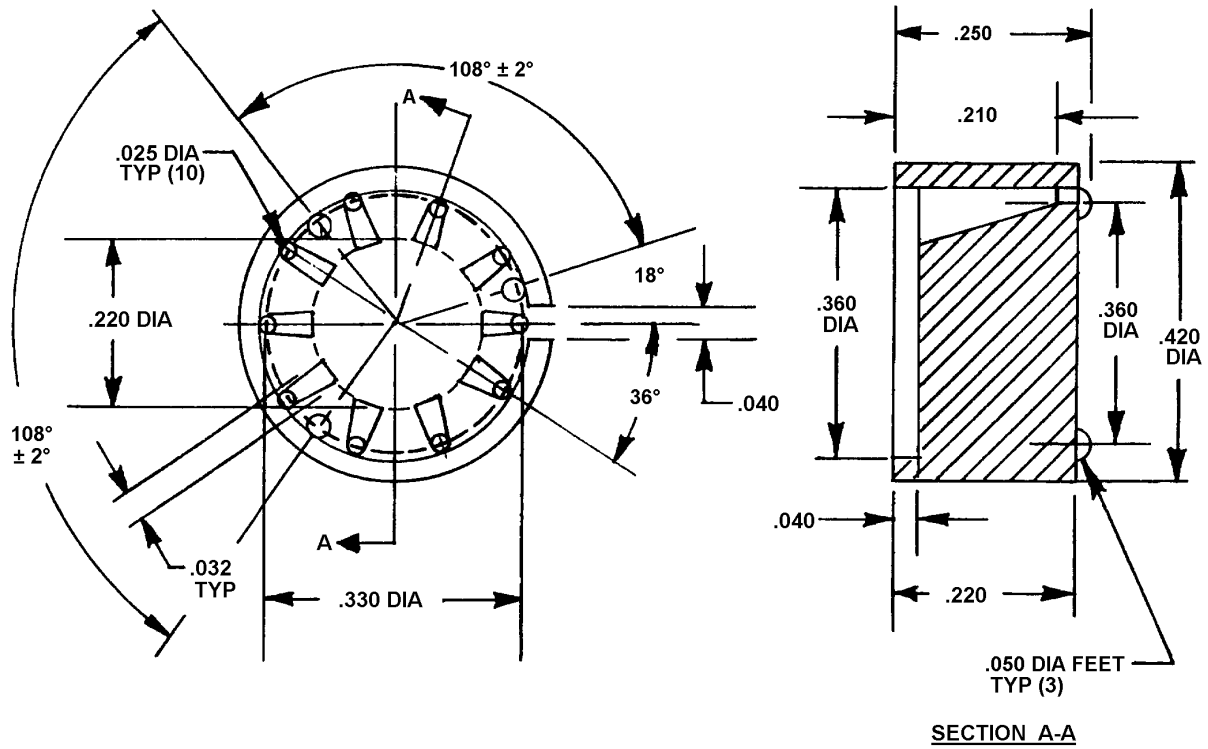
A-55484/04-013



A-55485/04-014

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/4B

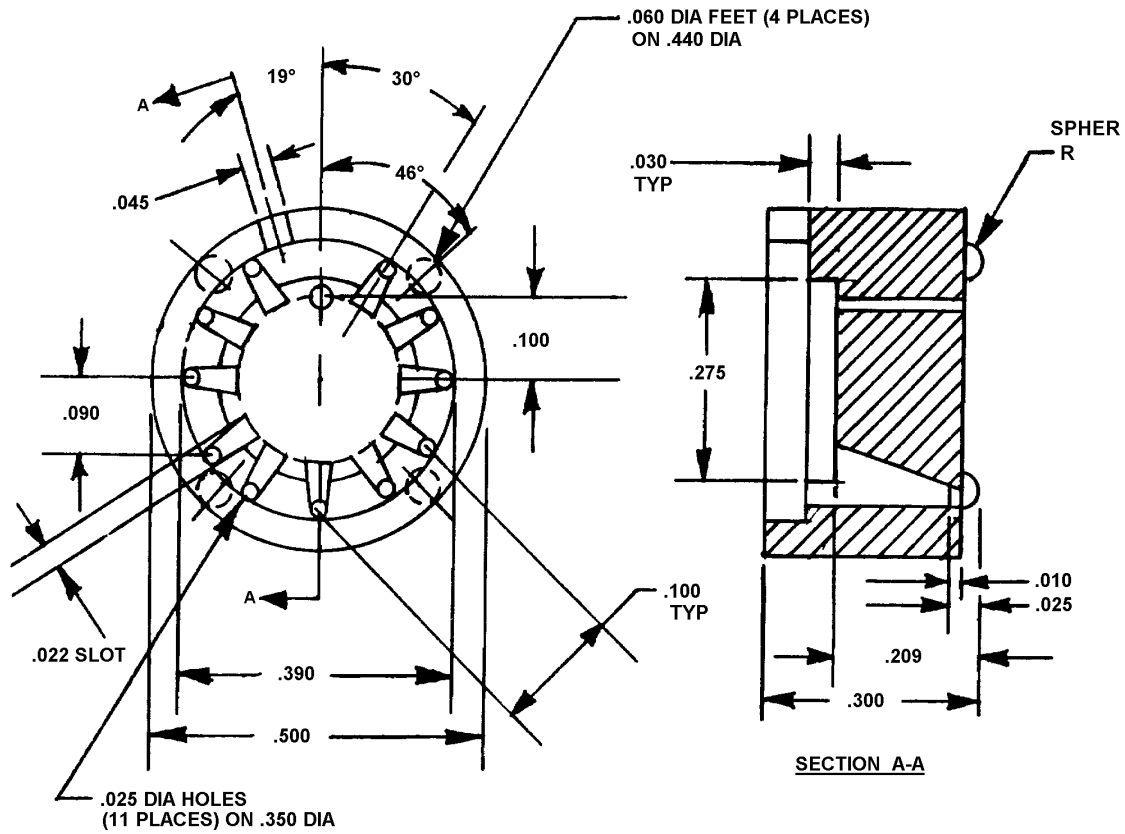


A-55485/04-015

Inches	mm
.025	0.64
.032	0.81
.040	1.02
.050	1.27
.210	5.33
.220	5.59
.250	6.35
.330	8.38
.360	9.14
.420	10.67

FIGURE 1. Configurations and dimensions - Continued.

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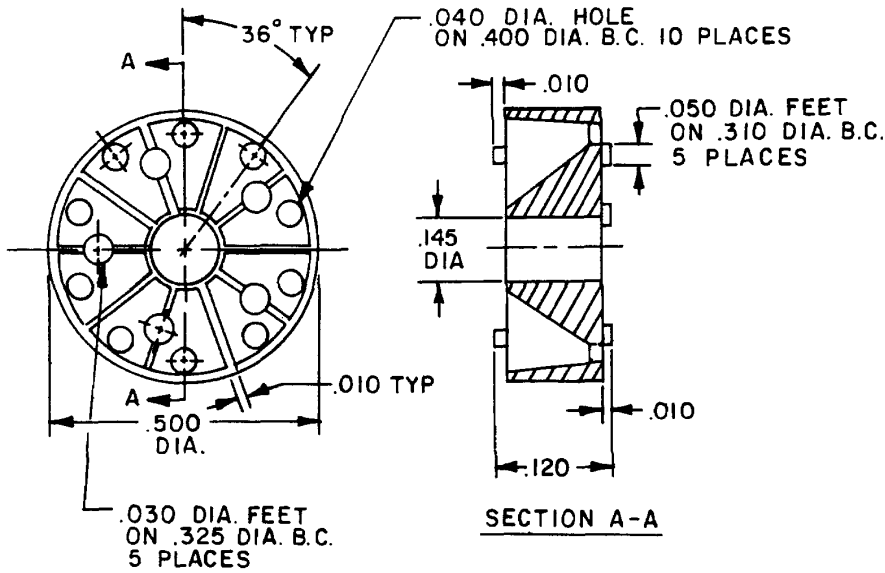


A-55485/04-016

Inches	mm
.010	0.25
.022	0.56
.025	0.64
.030	0.76
.045	1.14
.060	1.52
.090	2.29
.100	2.54
.275	6.99
.300	7.62
.350	8.89
.390	9.91
.440	11.18
.500	12.70

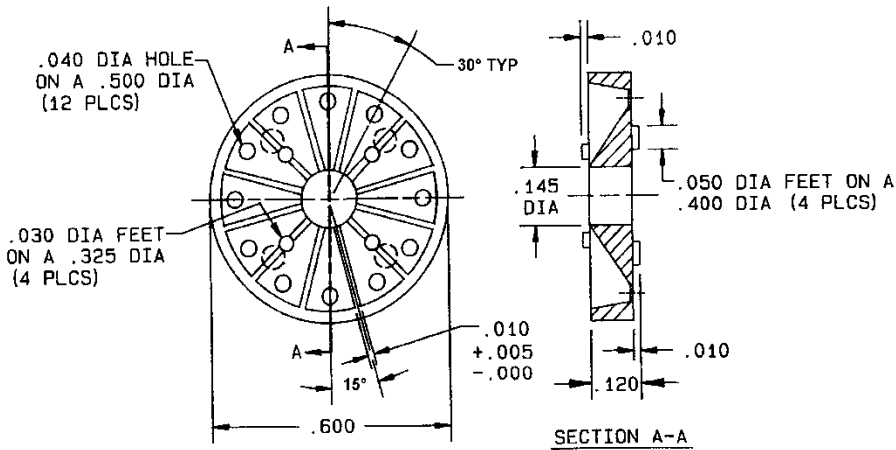
FIGURE 1. Configurations and dimensions - Continued.

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Inches	mm
.010	0.25
.030	0.76
.040	1.02
.050	1.27
.120	3.05
.145	3.68
.310	7.87
.325	8.26
.400	10.16
.500	12.70

A-55485/04-017



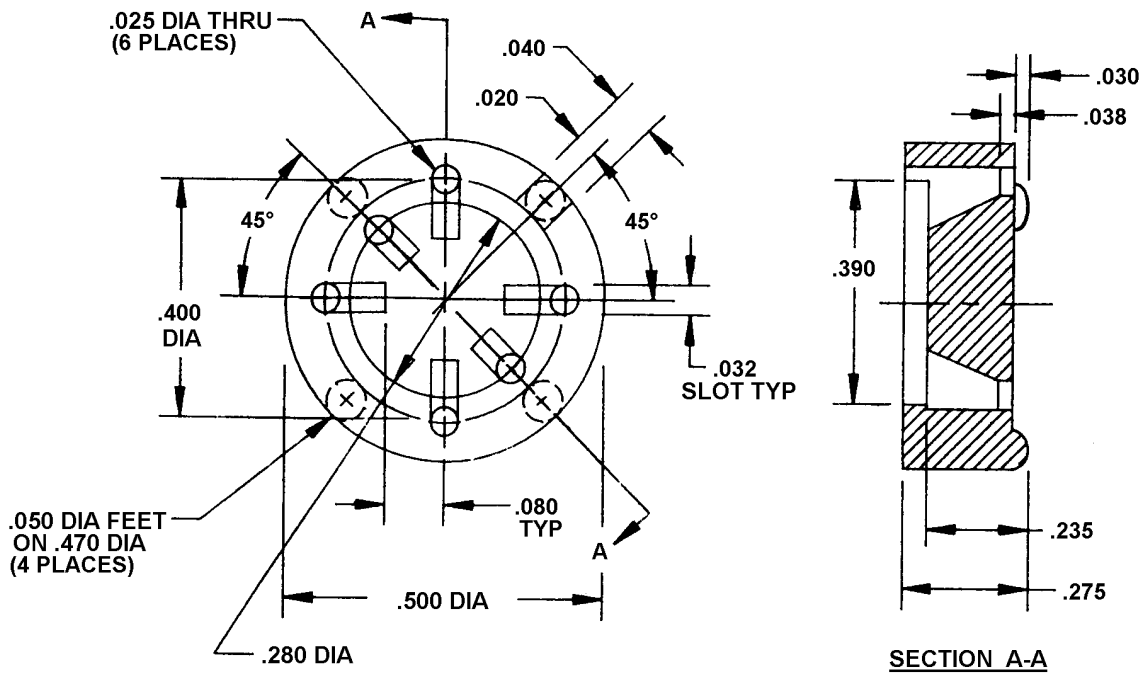
Inches	mm
.005	0.13
.010	0.20
.030	0.76
.040	1.02
.050	1.27
.120	3.05
.145	3.68
.325	8.26
.400	10.16
.500	12.70
.600	15.24

A-55485/04-018

FIGURE 1. Configurations and dimensions - Continued.

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FIGURE 1. Configurations and dimensions.



A-55485/04-019

Inches	mm
.020	0.51
.025	0.64
.030	0.76
.032	0.81
.038	0.97
.040	1.02
.050	1.27
.080	2.03
.235	5.97
.275	6.99
.280	7.11
.300	7.62
.390	9.91
.470	11.94
.500	12.70

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Tolerance on height of pad shall be $\pm .015$ (0.38 mm).
4. Unless otherwise specified, tolerances are $\pm .010$ (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		

Part number (P/N) supersession data. These CID PINs supersede the following MFR's P/N's ([table I](#)) and MIL-M-38527/4 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-55485/04-	Manufacturers part number ^{1/}		
	CAGE 0ZK84	CAGE 21071	CAGE 67012
001N	10369N		
001D	10369D		
002N	10480N		
002D	10480D		
003N	10277N	10718-1	
003D	10277D	10718-2	
004N	10006N		
004D	10006D		
005N	10050N	10112-1	
005D	10050D	10112-2	
006N	10229-10N		
006D	10229-10D		
007N	10421-10N	10150-1	
007D	10421-10D	10150-2	
008N	10674N		
008D	10674D		
009N			
009D			
010N	10405N	10519-1	
010D	10405D	10519-2	
011N	10344N	10872-1	4021
011D	10344D	10872-2	4021D
012N	10354N		
012D	10354D		
013N	10552N		4006
013D	10552D		4006D
014N	10229N	10348-1	
014D	10229D	10348-2	
015N	10579N	10522-1	
015D	10579D	10522-2	
016N	10317N		
016D	10317D		
017N	10322N	10879-1	
017D	10322D	10879-2	
018N	10323N	10819-1	
018D	10323D	10819-2	
019N	10040N		
019D	10040D		

^{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.

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TABLE II. MIL-M-38527/4 P/N supersession data. 1/

Superseded part number M38527/04 -	Replacement CID Part number A-55485/04 -
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
018	018
019	019

1/ Parts must be purchased to this DSCC PIN to assure that all performance requirements and tests are met.

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:
ACTIVITY:

CIVIL AGENCY COORDINATING

GSA – FAS

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

Preparing Activity:
DLA - CC
(Project 5999-2022-005)

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/>.