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IN REPLY
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MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

19 October 2004

SUBJECT: Proposed MIL-DTL-3922/68A
Project Number 5985-1327

In addition to being provided with this memorandum, initial drafts of the subject documents are available for downloading and viewing from the DSCC-VA website:

<http://www.dscccols.com/Programs/MilSpec>

or

<http://www.dscc.dla.mil/Programs/MilSpec/DocSearch.asp>

The attached subject document revision is being proposed. Please review this document and provide concurrence or comments to this office within 45 days. If this document is of interest to you, please type comments on FORM 155B, Compilation of Comments or equivalent. Comments originating from the military departments must be identified as either "Essential" or "Suggested". Essential comments should be supported by data. Military review activities should forward comments to their custodians or this office, as applicable, in sufficient time to allow for consolidating the department reply.

The changes from the previous revision are denoted within the document using vertical lines within the margins and are as follows. Page 1: incorporated amendment 1 changes to tolerances in figure 1; changes consistent with MIL-STD-961E. Page 2: Replacement for canceled reference. Page 3: Insert PIN. Page 4: Insert paragraphs in accordance with MIL-STD-961E and update concluding material.

Indicate below your interest and FAX, along with FORM 155B, to DSCC-VAT, DSN 850-6939 or commercial 614-692-6939, or e-mail comments to david.arps@dla.mil.

_____ CONCUR _____ NO INTEREST _____ WILL REPLY BY DEADLINE

COMPANY NAME _____ POINT OF CONTACT _____

PHONE _____ E-MAIL _____

KENDALL A. COTTONGIM
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Attachments

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NOTE: This draft, dated 6 October 2004 prepared by DLA-CC, has not been approved and is subject to modification. DO NOT USE PRIOR TO APPROVAL. (Project 5985-1327)

INCH-POUND

MIL-DTL-3922/68A
 DRAFT
 SUPERSEDING
 MIL-F-3922/68
 5 July 1974

DETAIL SPECIFICATION SHEET

FLANGES, WAVEGUIDE COVER (BUTT MOUNT)
 (SQUARE, 4 HOLE)

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the flanges described herein shall consist of this document and the latest issue of MIL-DTL-3922.

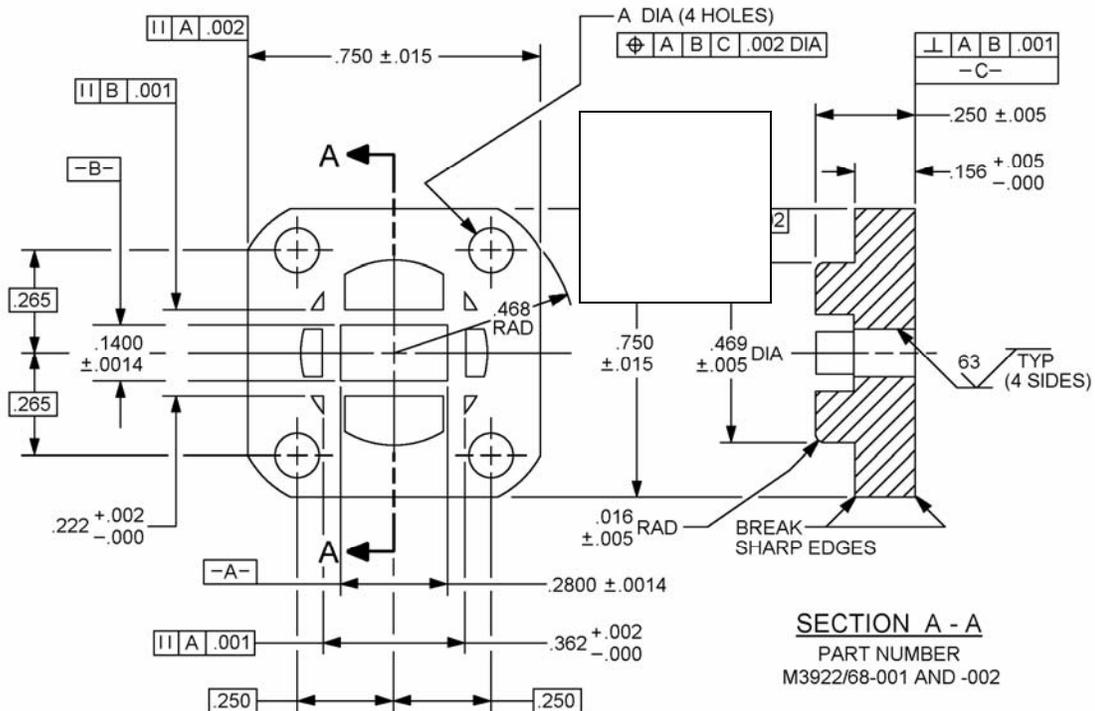
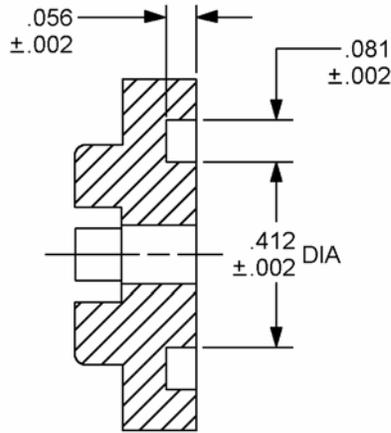


FIGURE 1. Part numbers M3922/68-001, M3922/68-002, and M3922/68-003.



SECTION A - A
 PART NUMBER
 M3922/68-003

Inches	mm	Inches	mm	Inches	mm
.0007	0.02	.056	1.42	.265	6.73
.001	0.03	.0700	1.778	.2800	7.112
.0014	0.036	.081	2.06	.362	9.19
.002	0.05	.111	2.82	.3750	9.525
.0025	0.064	.1400	3.556	.412	10.46
.005	0.13	.156	3.96	.468	11.89
.016	0.41	.181	4.60	.469	11.91
		.250	6.35	.750	19.05

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1 inch = 25.4 mm.
3. Mating surfaces including seal groove, shall not exceed 63 microinches in accordance with ASME-B46.1-2002: "Surface Texture (Surface Roughness, Waviness, and Lay)", except that flaws shall be included in the roughness height measurements.

FIGURE 1. Part numbers M3922/68-001, M3922/68-002, and M3922/68-003 - Continued.

TABLE I. Dimensions.

PIN M3922/68-		Dimensions	
Dash number	Waveguide used with	A	Detail
001	M85/3-006	.116 DIA +.002, -.000 (2.95 +.05, -.00)	A
	M85/3-007		
	M85/3-008		
002	M85/3-006	.112-40 UNC-2B	A
	M85/3-007		
	M85/3-008		
003	M85/3-006	.112-40 UNC-2B	B
	M85/3-007		
	M85/3-008		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1 inch = 25.4 mm.
3. Millimeters are in parentheses.

REQUIREMENTS:

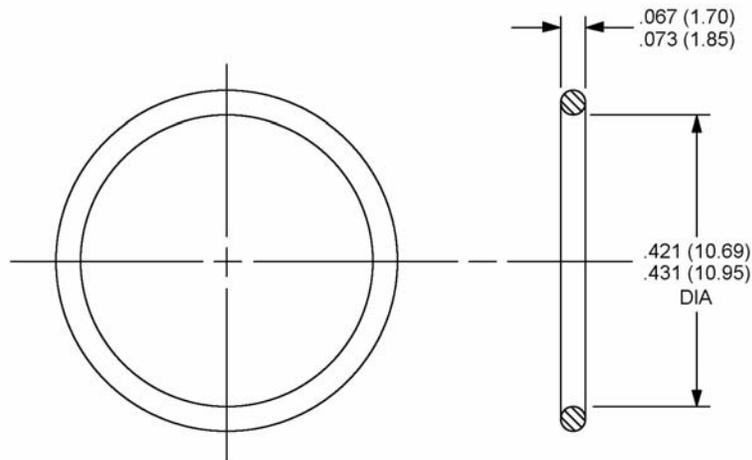
Dimensions and configuration: See figures 1 and 2, and table I.

Material: Copper alloy.

Part or Identifying Number (PIN): See table I.

ENGINEERING INFORMATION:

Frequency range: 26.5 - 40.0 GHz.



GASKET TO BE FURNISHED WITH PIN M3922/68-003

NOTES:

1. Dimensions are in inches.
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
3. Millimeters are in parentheses.

FIGURE 2. Gasket.

Referenced documents. In addition to MIL-DTL-3922, this document references ASME B46-1-2002.

Changes from previous issue. The margins of this specification sheet 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 last previous issue.

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

Preparing activity:
 DLA - CC
 (Project 5985-1327)

Review activities:
 Army - AR, AV, CR4, MI
 Navy - AS, MC, OS, SH
 Air Force - 99

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 www.dodssp.daps.mil.