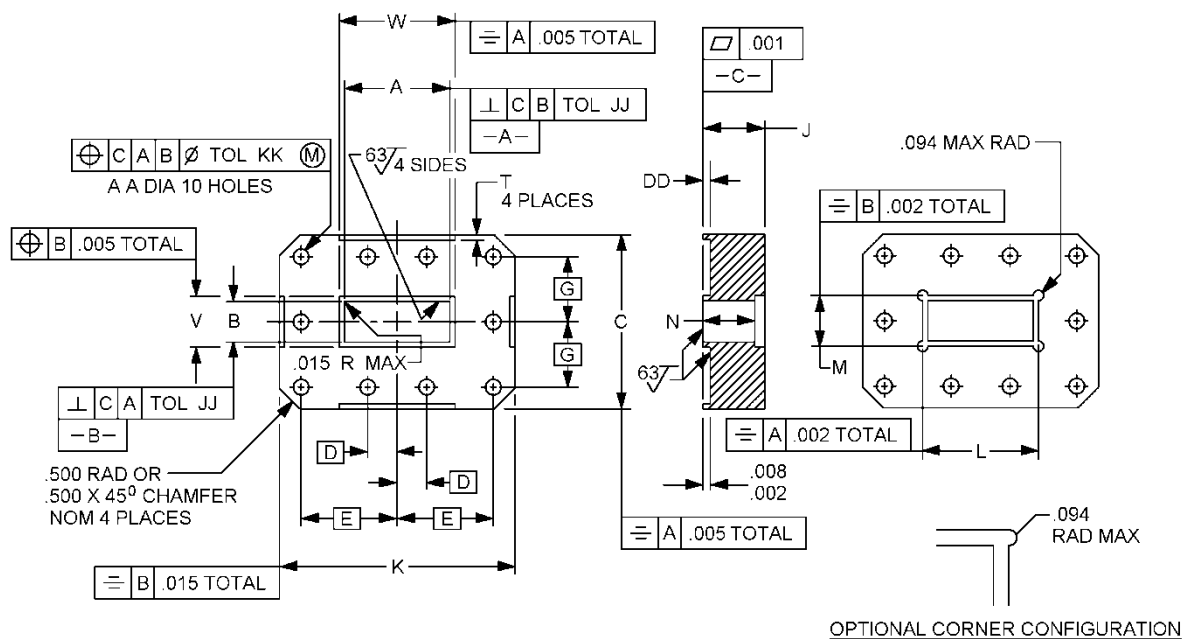


MIL-DTL-3922/75D
23 July 2013
 SUPERSEDING
 MIL-DTL-3922/75 C
 15 August 2003

FLANGES, WAVEGUIDE, REDUCED HEIGHT

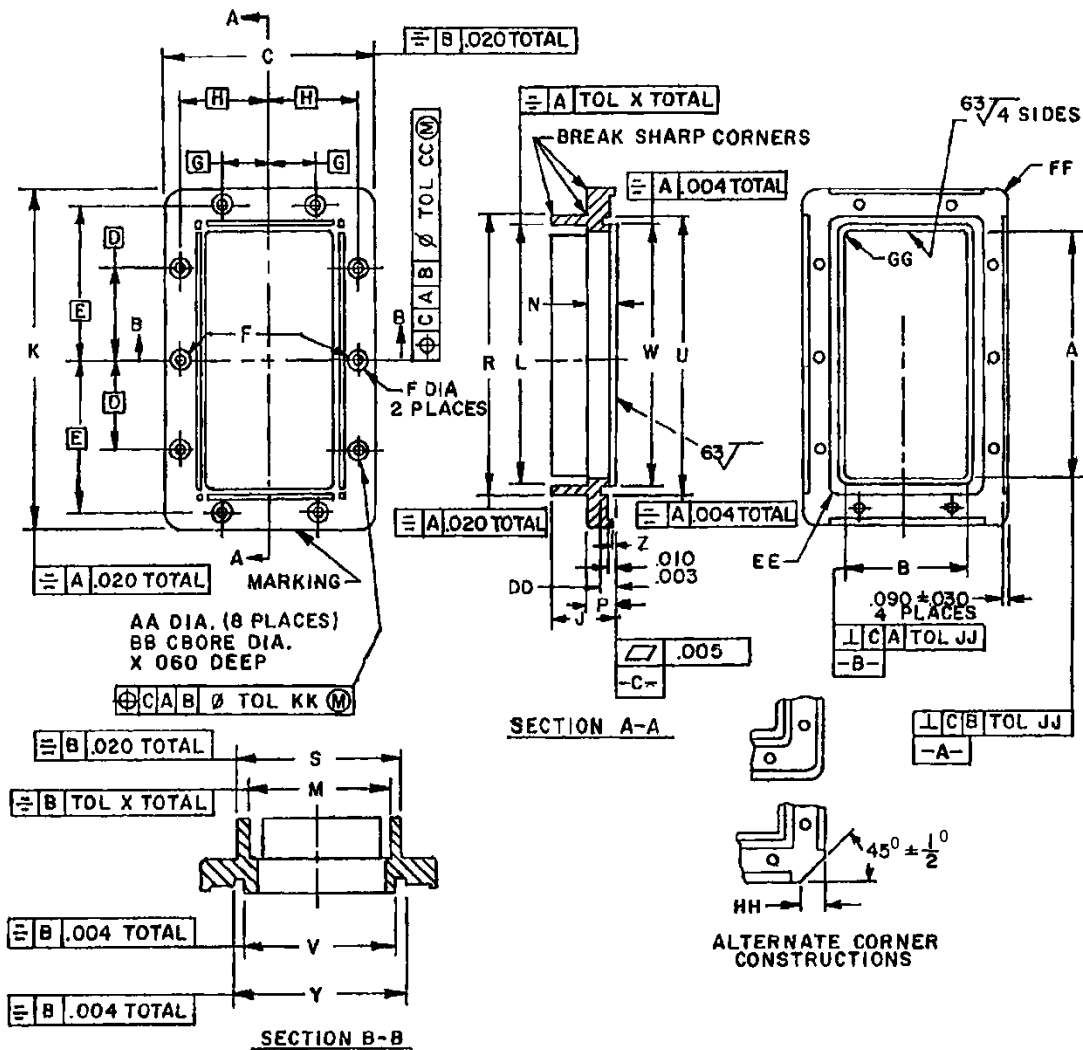
The requirements for acquiring the flanges described herein shall consist of this specification sheet and MIL-DTL-3922.

INACTIVE FOR NEW DESIGN
AFTER 8 MAY 1998



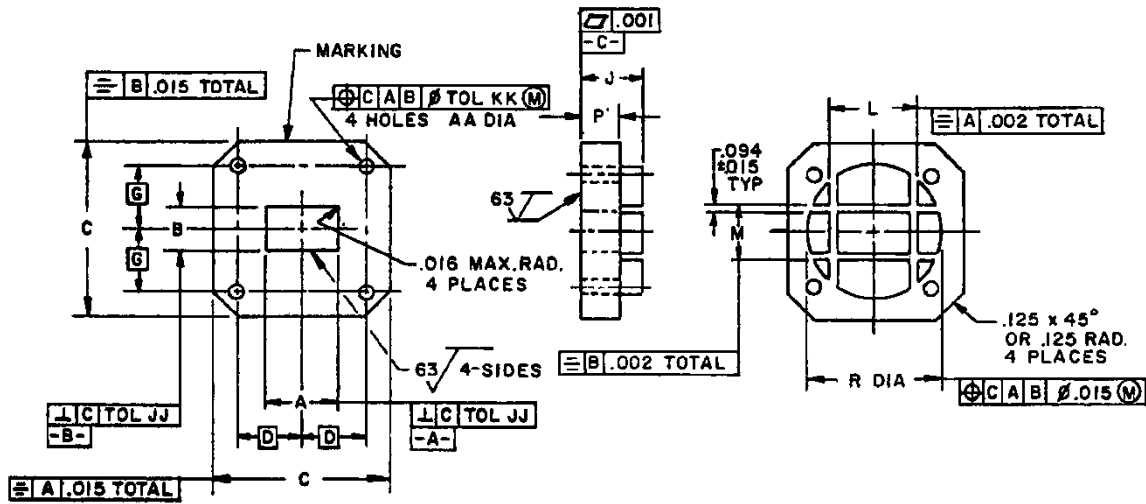
CONFIGURATION 1. CONTACT FLANGE, SOCKET MOUNTED (PART NUMBERS 01 THRU 04)

FIGURE 1. Flanges.



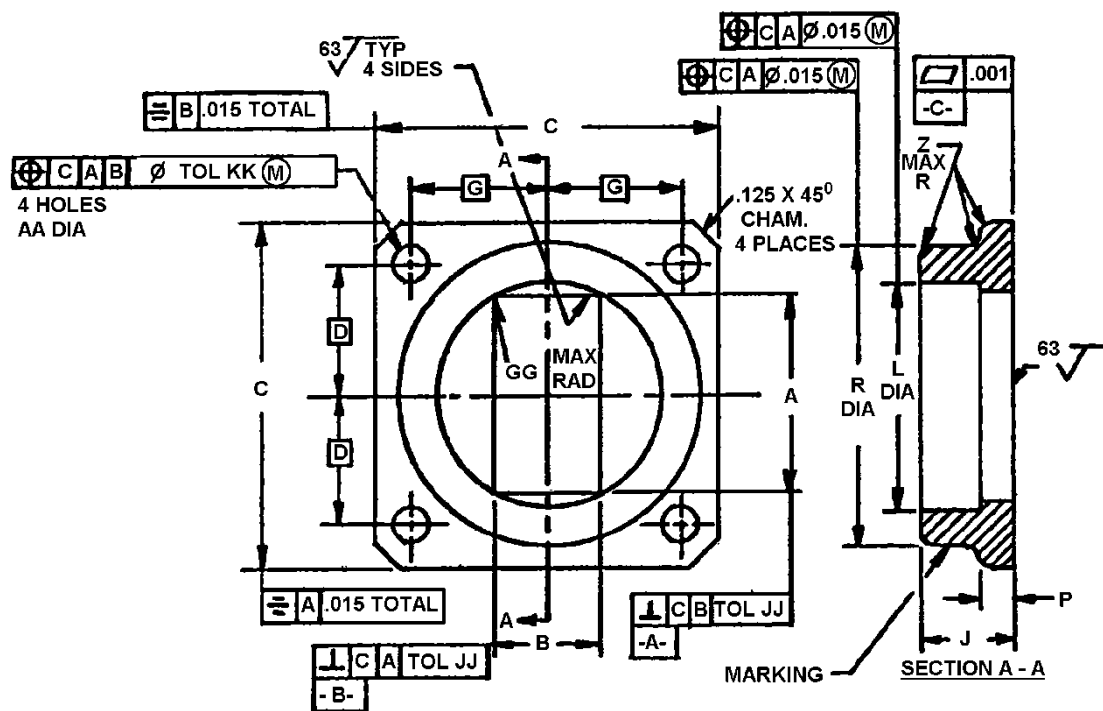
CONFIGURATION 2. CONTACT FLANGE, BUTT MOUNTED (PART NUMBERS 05 THRU 08).

FIGURE 1. Flanges - Continued.



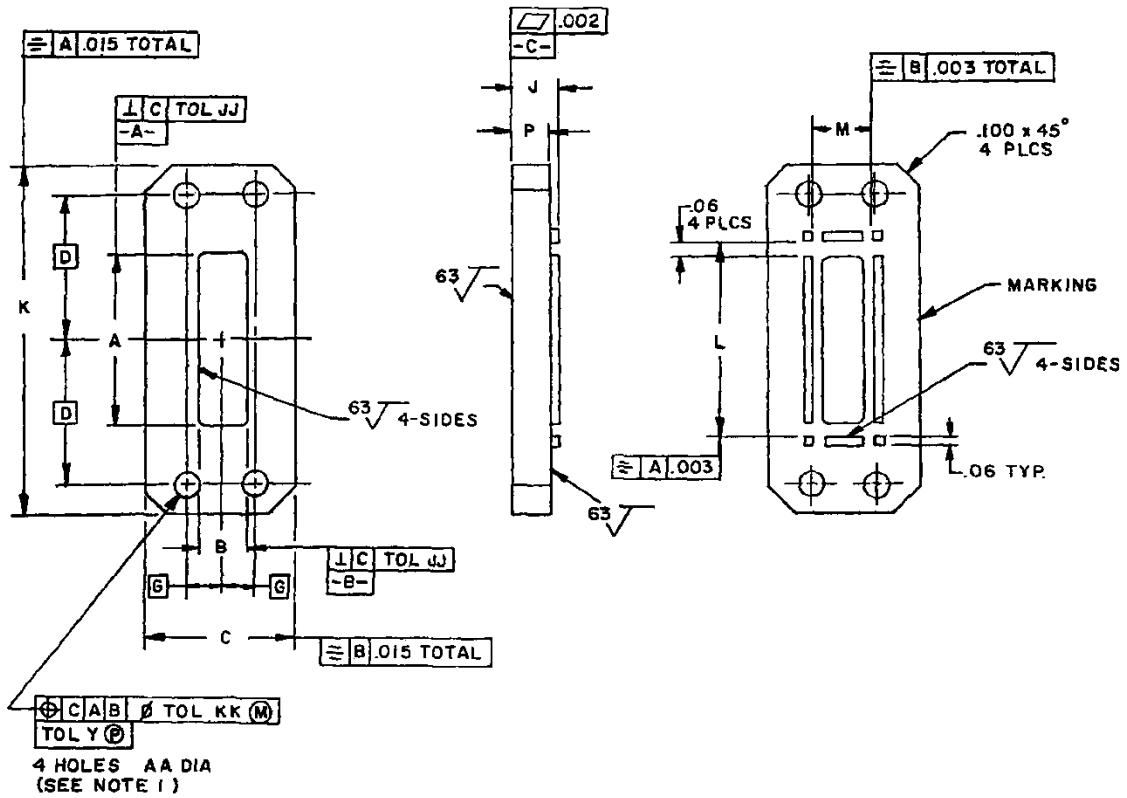
CONFIGURATION 3. COVER FLANGE, BUTT MOUNTED (PART NUMBER 09).

FIGURE 1. Flanges - Continued.



CONFIGURATION 4. COVER FLANGE, SLEEVE MOUNTED (PART NUMBER 10).

FIGURE 1. Flanges - Continued.



CONFIGURATION 5. COVER FLANGE, BUTT MOUNTED (PART NUMBERS 11, 12, 13 AND 14).

FIGURE 1. Flanges - Continued.

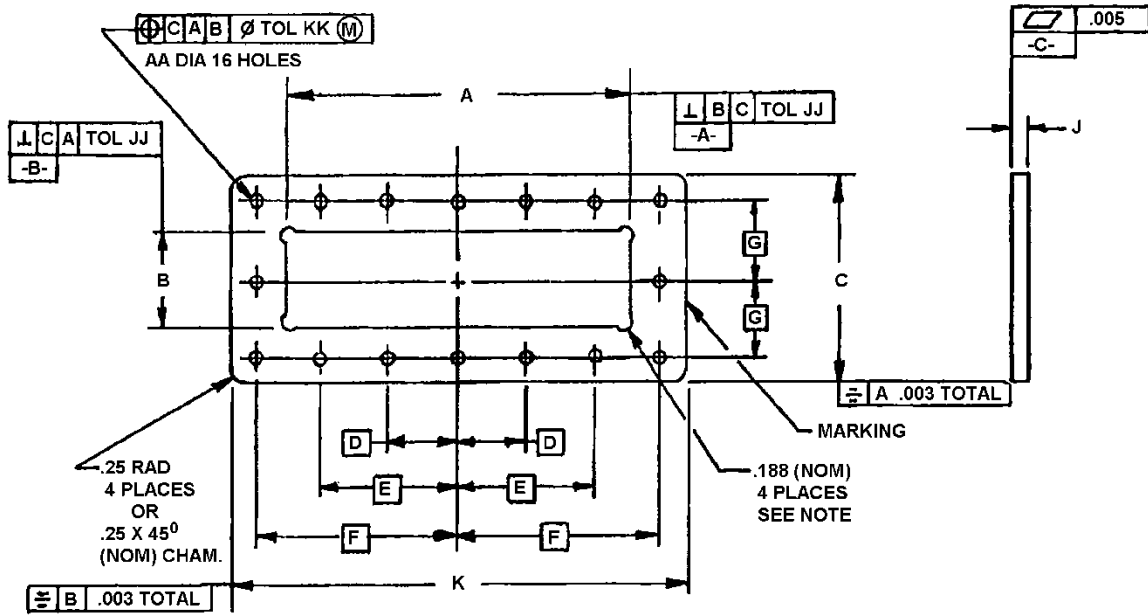
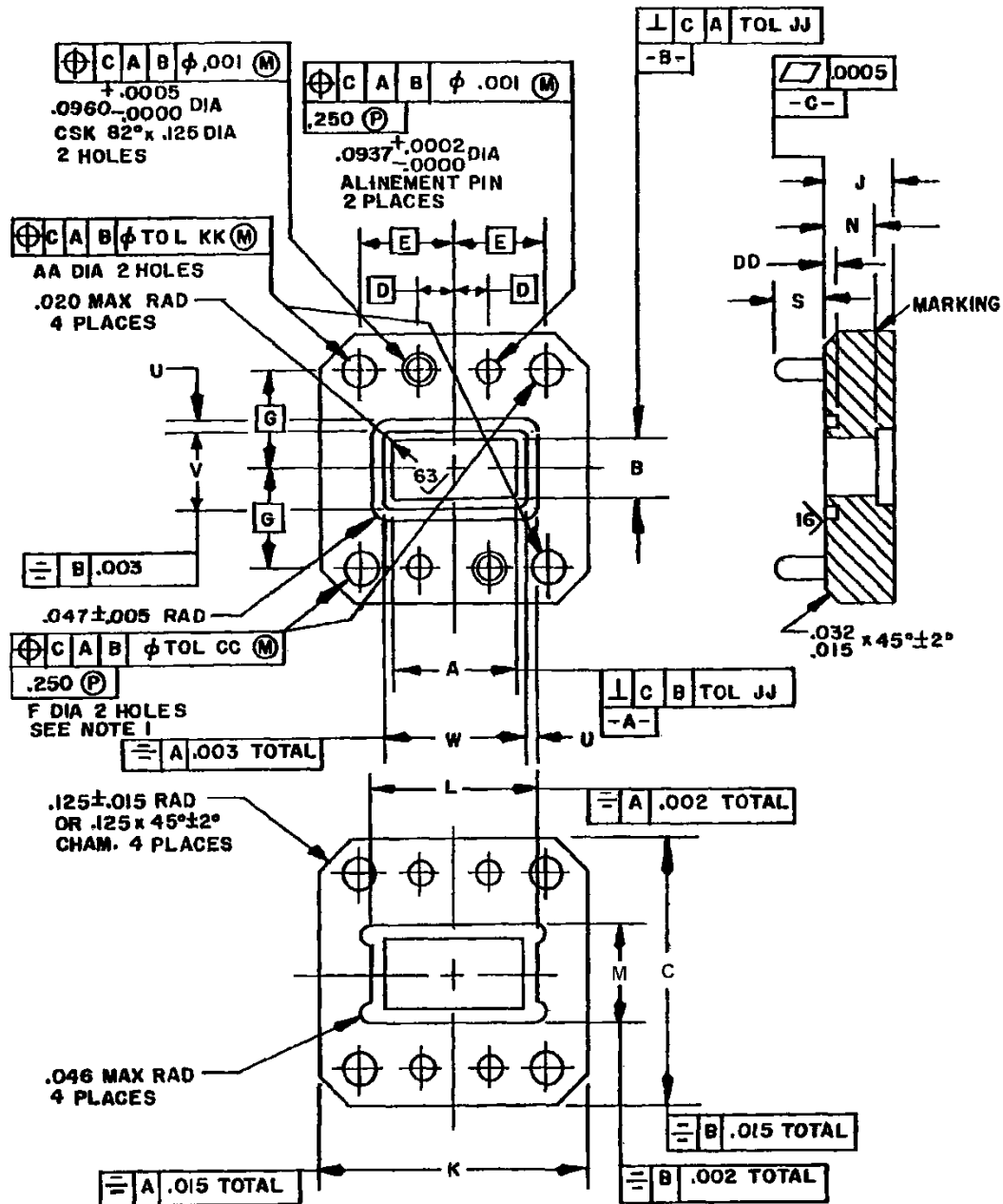
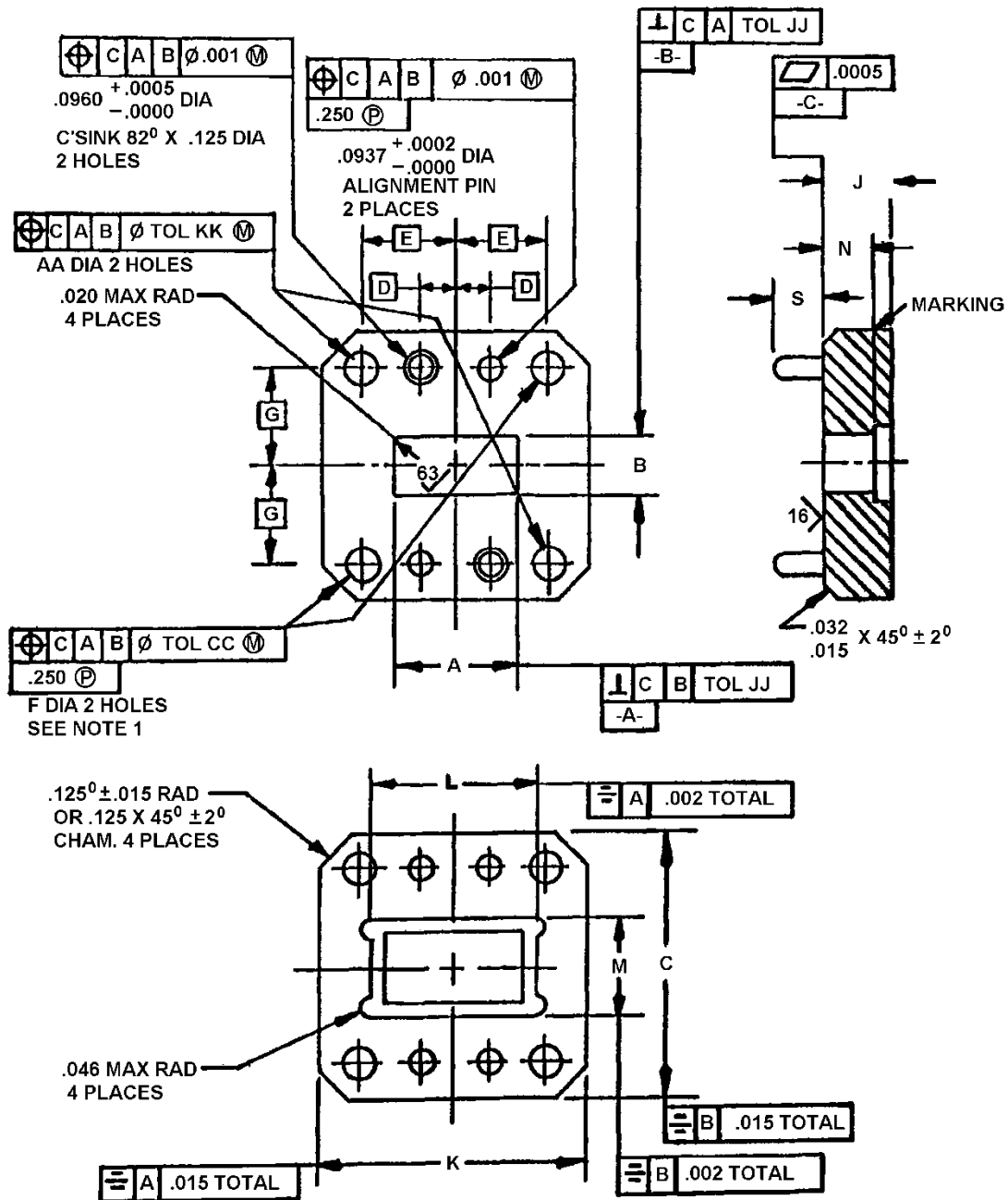


FIGURE 1. Flanges - Continued.



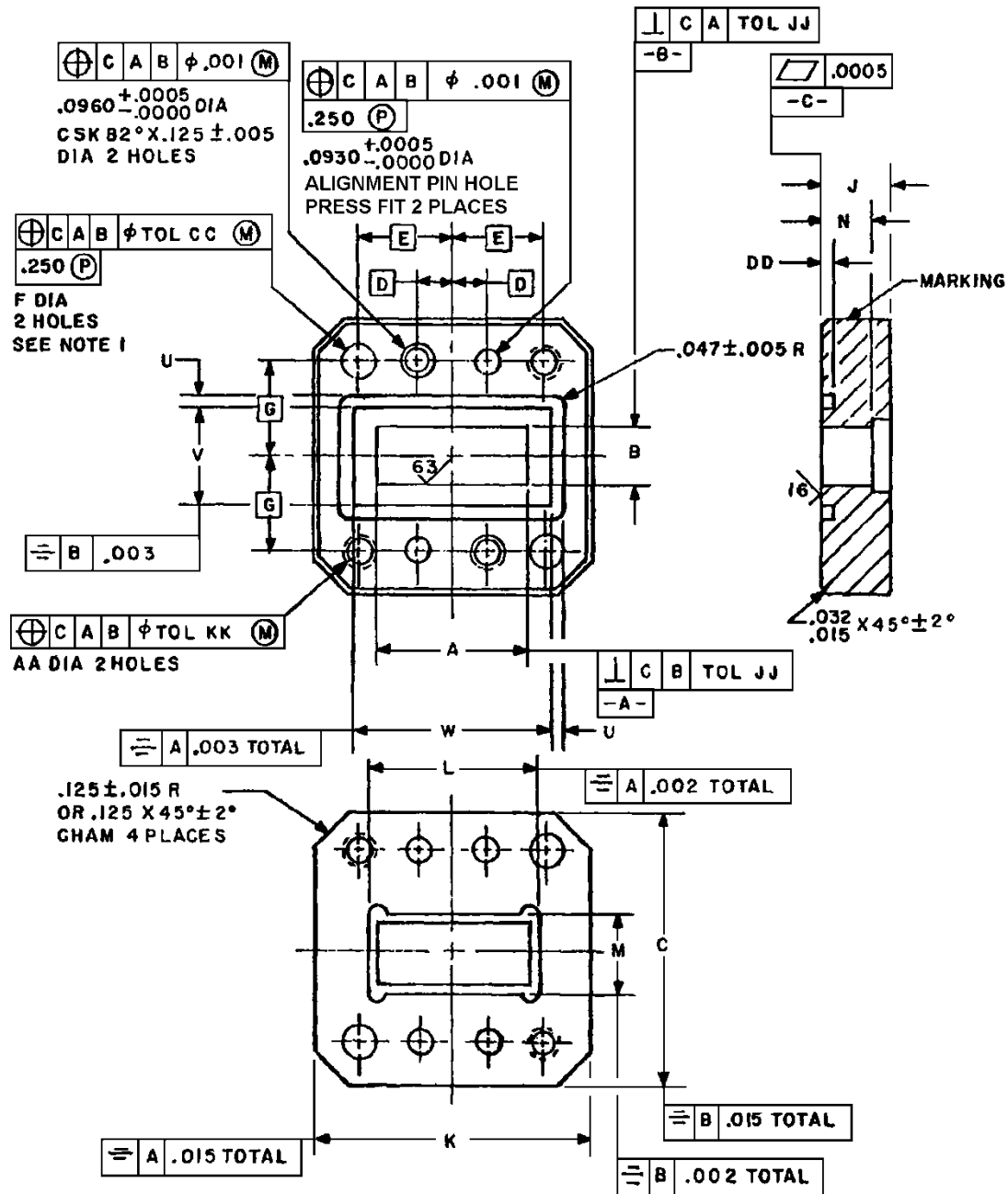
CONFIGURATION 7. GASKET FLANGE, SOCKET MOUNTED (PART NUMBER 17).

FIGURE 1. Flanges - Continued.



CONFIGURATION 8. COVER FLANGE, SOCKET MOUNTED (PART NUMBER 18).

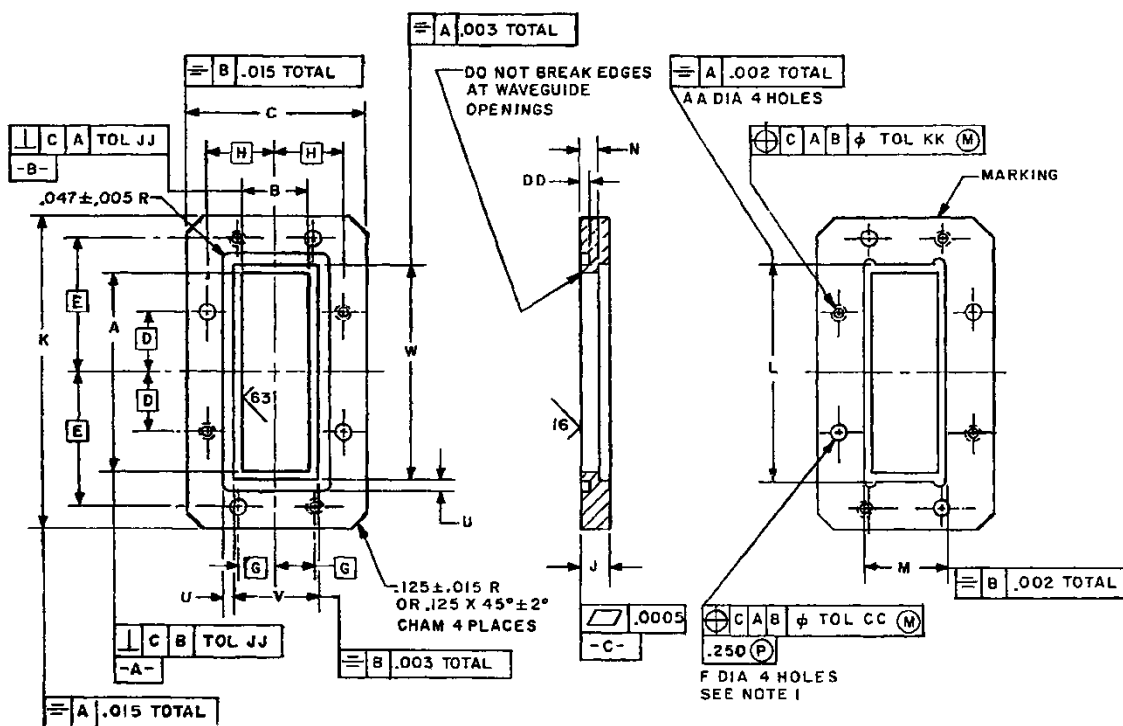
FIGURE 1. Flanges - Continued.



CONFIGURATION 9. GASKET FLANGES, SOCKET MOUNTED (PART NUMBERS 19 AND 20).

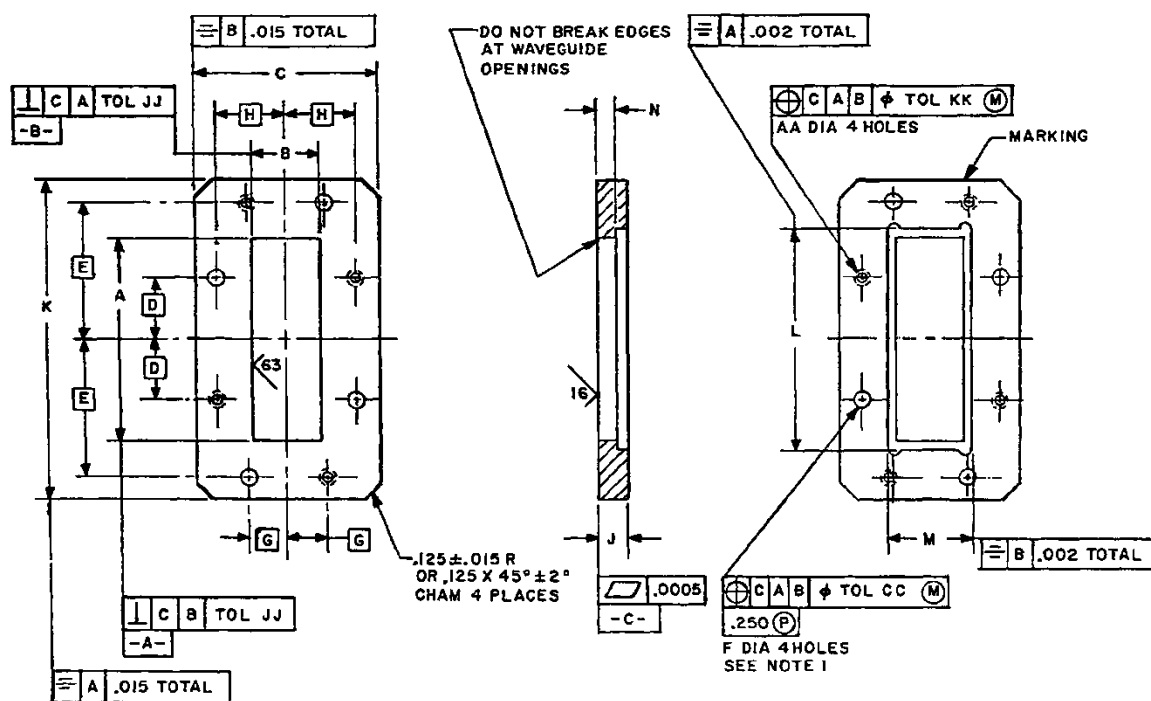
FIGURE 1. Flanges - Continued.

FIGURE 1. Flanges - Continued.



CONFIGURATION 11. GASKET FLANGES, SOCKET MOUNTED (PART NUMBER 23).

FIGURE 1. Flanges - Continued.



CONFIGURATION 12. COVER FLANGE, SOCKET MOUNTED (PART NUMBER 24).

FIGURE 1. Flanges - Continued.

Inches	mm	Inches	mm
.0002	.005	.032	.81
.0005	.013	.046	1.17
.001	.02	.047	1.19
.002	.05	.06	1.5
.003	.08	.090	2.29
.004	.10	.0930	2.362
.005	.13	.0937	2.380
.008	.20	.094	2.39
.010	.25	.0960	2.438
.015	.38	.100	2.54
.016	.41	.125	3.18
.020	.51	.188	4.78
.030	.76	.250	6.35
		.500	12.70

NOTES:

1. The projected tolerance zone surface reference is datum C.
2. Dimensions are in inches.
3. Metric equivalents are given for general information only.
4. Dimensions and tolerances are in accordance with ASME-Y14.5M.

FIGURE 1. Flanges - Continued.

MIL-DTL-3922/75D

TABLE I. Part number characteristics and dimensions.

Part number M3922/75-					Dimensions <u>1/</u> <u>2/</u>			
Dash no. <u>3/</u>	Used with	Dash no. <u>4/</u>	Used with		Config- uration	A	B	C
	Mating flange M3922		Wave- guide M85	Mating flange M3922				
01	/75-01 UG509/U UG510/U	02	---	/75-02	1	2.840 ±.005 (72.14) (.13)	1.004 ±.005 (25.50) (.13)	4.000 ±.060 (101.60) (1.52)
03	/75-03 UG511/U UG512/U	04	---	/75-04	1	1.372 ±.003 (34.85) (.08)	.487 ±.003 (12.37) (.08)	2.187 ±.030 (55.55) (.76) -.000
05	/75-05	06	---	/75-06	2	2.840 ±.005 (72.14) (.13)	.670 ±.005 (17.02) (.13)	3.000 ±.020 (76.20) (.51)
07	/75-07	08	---	/75-08	2	1.872 ±.003 (47.55) (.08)	.372 ±.003 (9.45) (.08)	2.500 ±.020 (63.50) (.51)
---	---	09	/1-157 /1-158 /1-160 <u>5/</u>	/75-09	3	1.020 ±.003 (25.91) (.08)	.255 ±.003 (6.48) (.08)	1.687 ±.015 (42.85) (.38)
---	---	10	/1-071 /1-072 /1-177 <u>6/</u>	/75-10	4	1.255 ±.003 (31.88) (.08)	.377 ±.003 (9.58) (.08)	1.875 ±.015 (47.62) (.38)
---	---	11	/1-077 /1-078 /1-178 <u>7/</u>	/75-12	5	.900 ±.002 (22.86) (.05)	.200 ±.002 (5.08) (.05)	.676 ±.010 (17.17) (.25)
---	---	12	/1-077 /1-078 /1-178 <u>7/</u>	/75-11	5	.900 ±.002 (22.86) (.05)	.200 ±.002 (5.08) (.05)	.676 ±.010 (17.17) (.25)
---	---	13	/1-077 <u>8/</u>	/75-14	5	.900 ±.002 (22.86) (.05)	.200 ±.002 (5.08) (.05)	.676 ±.010 (17.17) (.25)
---	---	14	/1-077 <u>8/</u>	/75-13	5	.900 ±.002 (22.86) (.05)	.200 ±.002 (5.08) (.05)	.676 ±.010 (17.17) (.25)
---	---	15	---	/75-15	6	10.250 ±.005 (260.35) (.13)	2.937 ±.005 (74.60) (.13)	5.930 ±.003 (150.62) (.08)
---	---	16	---	/75-16	6	10.125 ±.005 (257.18) (.13)	2.812 ±.005 (71.42) (.13)	5.930 ±.003 (150.62) (.08)
---	---	17	---	/75-18	7	.847 ±.003 (21.51) (.08)	.312 ±.003 (7.92) (.08)	1.375 ±.015 (34.92) (.38)
---	---	18	---	/75-17	8	.847 ±.003 (21.51) (.08)	.312 ±.003 (7.92) (.08)	1.375 ±.015 (34.92) (.38)
19	/75-21	20	---	/75-22	9	.965 ±.002 (24.51) (.05)	.320 ±.002 (8.13) (.05)	1.50 ±.010 (38.1) (.25)
21	/75-19	22	---	/75-20	10			
---	---	23	---	/75-24	11			
---	---	24	---	/75-23	12	1.668 ±.004 (42.37) (.10)	.506 ±.004 (12.85) (.10)	1.50 ±.010 (38.1) (.10)

See footnotes at end of table.

TABLE I. Part number characteristics and dimensions - Continued.

Dash no. 3/	Dash no. 4/	Dimensions <u>1/</u> <u>2/</u>							
		D BSC.	E BSC.	F BSC.	G BSC.	H BSC.	J	K	L
01	02	.750 (19.05)	2.250 (57.15)	---	1.500 (38.10)	---	.750 ±.015 (19.05) (.38)	5.500 +.060 (139.70) (1.52) -.000	3.014 +.004 (76.56) (.10) -.000
03	04	.375 (9.52)	1.187 (30.15)	---	.812 (20.62)	---	.625 ±.015 (15.88) (.38)	2.937 +.030 (74.60) (.76) -.000	1.512 +.003 (38.40) (.08) -.000
05	06	1.281 (32.54)	1.914 (48.62)	.257 ±.003 (6.53) (.08)	.578 (14.68)	1.164 (29.57)	.690 ±.020 (17.53) (.51)	4.50 ±.020 (114.3) (.51)	3.010 -.005 (76.45) (.13) +.000
07	08	.563 (14.30)	1.914 (48.62)	---	.438 (11.13)	.914 (23.22)	.690 ±.020 (17.53) (.51)	3.500 ±.020 (88.90) (.51)	2.010 -.005 (51.05) (.13) +.000
---	09	.640 (16.26)	---	---	.670 (17.02)	---	.500 ±.015 (12.70) (.38)	---	1.151 +.003 (29.24) (.08) -.000
---	10	.676 (17.17)	---	---	.737 (18.72)	---	.438 ±.015 (11.13) (.38)	---	1.312 ±.015 (33.32) (.38)
---	11	.75 (19.0)	---	---	.150 (3.81)	---	.190 ±.010 (4.83) (.25)	1.800 ±.010 (45.72) (.25)	.963 +.003 (24.46) (.08) -.000
---	12	.75 (19.0)	---	---	.150 (3.81)	---	.156 ±.010 (3.96) (.25)	1.800 ±.010 (45.72) (.25)	.963 +.003 (24.46) (.08) -.000
---	13	.75 (19.0)	---	---	.150 (3.81)	---	.190 ±.010 (4.83) (.25)	1.800 ±.010 (45.72) (.25)	1.003 +.003 (25.48) (.08) -.000
---	14	.75 (19.0)	---	---	.150 (3.81)	---	.156 ±.010 (3.96) (.25)	1.800 ±.010 (45.72) (.25)	1.003 +.003 (25.48) (.08) -.000
---	15	2.000 (50.80)	4.000 (101.60)	5.875 (149.22) BSC	2.218 (56.34)	---	.625 ±.015 (15.88) (.38)	13.250 ±.03 (366.55) (.8)	---
---	16	2.000 (50.80)	4.000 (101.60)	5.875 (149.22) BSC	2.218 (56.34)	---	.625 ±.015 (15.88) (.38)	13.250 ±.03 (366.55) (.8)	---
	17	.200 (5.08)	.423 (10.74)	.144 +.003 (3.66) (.08) -.000	.500 (12.70)	---	.250 ±.015 (6.35) (.38)	1.375 ±.015 (34.92) (.38)	.977 +.003 (24.82) (.08) -.000
	18	.200 (5.08)	.423 (10.74)	.144 +.003 (3.66) (.08) -.000	.500 (12.70)	---	.250 ±.015 (6.35) (.38)	1.375 ±.015 (34.92) (.38)	.977 +.003 (24.82) (.08) -.000
19 21	20 22	.216 (5.49)	.562 (14.27)	---	.5625 (14.287)	---	.245 ±.010 (6.22) (.25)	1.62 ±.010 (41.1) (.25)	1.086 +.004 (27.58) (.10) -.000
---	23 24	.500 (12.70)	1.100 (27.94)	---	.314 (7.98)	.570 (14.48)	.250 ±.005 (6.35) (.13)	2.50 ±.010 (63.5) (.25)	1.800 +.004 (45.72) (.10) -.000

See footnotes at end of table.

TABLE I. Part number characteristics and dimensions - Continued.

Dash no. 3/	Dash no. 4/	Dimensions <u>1/</u> <u>2/</u>					
		M	N	P	R	S	T
01	02	1.178 +.004 (29.92) (.10) -.000	.500 ±.005 (12.70) (.13)	---	---	---	.090 ±.015 (2.29) (.38)
03	04	.627 +.003 (15.93) (.08) -.000	.375 ±.005 (9.52) (.13)	---	---	---	.063 ±.015 (1.60) (.38)
05	06	1.510 -.005 (38.35) (.13) +.000	.380 ±.005 (9.65) (.13)	.380 ±.020 (9.65) (.51)	3.250 ±.020 (82.55) (.51)	1.750 ±.020 (44.45) (.51)	---
07	08	1.010 -.005 (25.65) (.13) +.000	.380 ±.005 (9.65) (.13)	.380 ±.020 (9.65) (.51)	2.250 ±.020 (57.15) (.51)	1.250 ±.020 (31.75) (.51)	---
---	09	.641 +.003 (16.28) (.08) -.000	---	.250 ±.015 (6.35) (.38)	1.500 ±.015 (38.10) (.38)	---	---
---	10	---	---	.250 ±.015 (6.35) (.38)	1.531 ±.015 (38.89) (.38)	---	---
---	11	.263 +.003 (6.68) (.08) -.000	---	.140 ±.010 (3.56) (.25)	---	---	---
---	12	.263 +.003 (6.68) (.08) -.000	---	.110 ±.010 (2.79) (.25)	---	---	---
---	13	.303 +.003 (7.70) (.08) -.000	---	.140 ±.010 (3.56) (.25)	---	---	---
---	14	.303 +.003 (7.70) (.08) -.000	---	.110 ±.010 (2.79) (.25)	---	---	---
---	15	---	---	---	---	---	---
---	16	---	---	---	---	---	---
	17	.442 +.003 (11.23) (.08) -.000	.145 ±.005 (3.68) (.13)	---	---	.175 ±.010 (4.44) (.25)	---
	18	.442 +.003 (11.23) (.08) -.000	.145 ±.005 (3.68) (.13)	---	---	.175 ±.010 (4.44) (.25)	---
19 21	20 22	.440 +.002 (11.18) (.05) -.000	.125 ±.005 (3.18) (.13)	---	---	---	---
---	23 24	.638 +.004 (16.20) (.10) -.000	.125 ±.005 (3.18) (.13)	---	---	---	---

See footnotes at end of table.

MIL-DTL-3922/75D

TABLE I. Part number characteristics and dimensions - Continued.

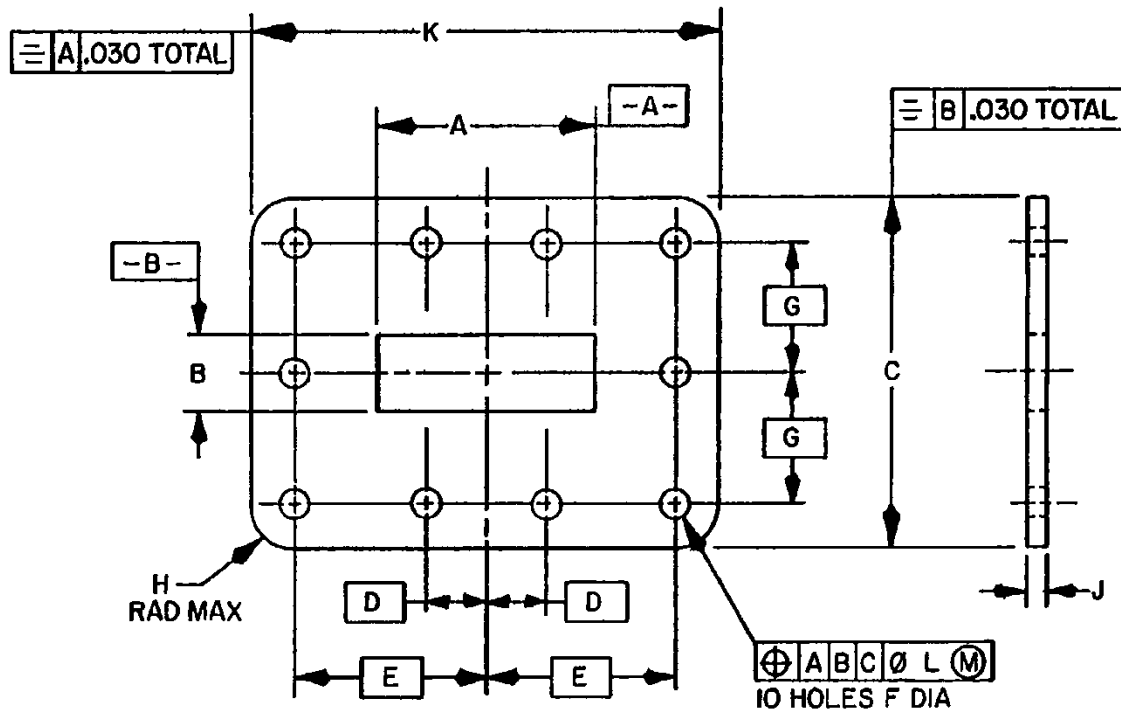
Dash no. 3/	Dash no. 4/	Dimensions <u>1/</u> <u>2/</u>						
		U	V	W	X	Y	Z	AA
01	02	---	1.419 ±.005 (36.04) (.13)	3.255 ±.005 (82.68) (.13)	---	---	---	.391 ±.005 (9.93) (.13) -.000
03	04	---	8.75 ±.005 (222.2) (.13)	1.750 ±.005 (44.45) (.13)	---	---	---	.204 ±.004 (5.18) (.10) -.000
05	06	3.500 ±.004 (88.90) (.10)	1.624 ±.004 (41.25) (.10)	3.124 ±.004 (79.35) (.10)	.003 (.08)	---	.002 Max (.05)	.257 ±.005 (6.53) (.13)
07	08	2.498 ±.004 (63.45) (.10)	1.122 ±.004 (28.50) (.10)	2.122 ±.004 (53.90) (.10)	.003 (.08)	---	.002 Max (.05)	.257 ±.005 (6.53) (.13)
---	09	---	---	---	---	---	---	.169 ±.003 (4.29) (.08) -.000
---	10	---	---	---	---	---	---	.169 ±.003 (4.29) (.08) -.000
---	11	---	---	---	---	.110 (2.79)	---	.138-32 UNC-2B THD thru
---	12	---	---	---	---	---	---	.149 ±.003 (3.78) (.08) Dia hole thru
---	13	---	---	---	---	.110 (2.79)	---	.138-32 UNC-2B THD thru
---	14	---	---	---	---	---	---	.149 ±.003 (3.78) (.08) Dia hole thru
---	15	---	---	---	---	---	---	.411 ±.005 (10.44) (.13)
---	16	---	---	---	---	---	---	.411 ±.005 (10.44) (.13)
---	17	.094 ±.010 (2.39) (.25) -.000	.437 ±.003 (11.10) (.08)	.967 ±.003 (24.56) (.08)	---	---	---	.138-32 UNC-2B
---	18	---	---	---	---	---	---	.138-32 UNC-2B
19	20	.094 ±.010 (2.39) (.25)	.600 ±.004 (15.24) (.10)	1.214 ±.004 (30.84) (.10)	---	---	---	.138-32 UNC-2B
21	22	---	---	---	---	---	---	.138-32 UNC-2B
---	23	.094 ±.010 (2.39) (.25)	.680 ±.002 (17.27) (.05)	1.792 ±.002 (45.52) (.05)	---	---	---	.138-32 UNC-2B
---	24	---	---	---	---	---	---	.138-32 UNC-2B

See footnotes at end of table.

TABLE I. Part number characteristics and dimensions - Continued.

Dash no. 3/	Dash no. 4/	Dimensions <u>1/</u> <u>2/</u>								
		BB	CC	DD	EE	FF	GG	HH	JJ	KK
01	02	---	---	.051 +.000 -.005 (1.30) (.13)		---	---	---	.004 (.10)	.016 (.41)
03	04	---	---	.028 +.000 -.003 (.71) (.08)		---	---	---	.004 (.10)	.014 (.36)
05	06	.531 ±.005 (13.49) (.13)	.004 (.10)	.053 ±.005 (1.34) (.13)	.094 ±.003 (2.39) (.08)	.310 ±.020 (7.87) (.51)	.05 Max (1.3)	.310 ±.020 (7.87) (.51)	.005 (.13)	.007 (.18)
07	08	.531 ±.005 (13.49) (.13)	---	.053 ±.005 (1.34) (.13)	.094 ±.003 (2.39) (.08)	.310 ±.020 (7.87) (.51)	.03 Max (.8)	.310 ±.020 (7.87) (.51)	.005 (.13)	.005 (.13)
---	09	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	10	---	---	---	---	---	.031 (.79)	---	.003 (.08)	.002 (.05)
---	11	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	12	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	13	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	14	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	15	---	---	---	---	---	---	---	.005 (.13)	.014 (.36)
---	16	---	---	---	---	---	---	---	.005 (.13)	.014 (.36)
---	17	---	.003 (.08)	.057 ±.001 (1.45) (.03)	---	---	---	---	.003 (.08)	.003 (.08)
---	18	---	.003 (.08)	---	---	---	---	---	.003 (.08)	.003 (.08)
19	20	---	.003 (.08)	.056 +.002 (1.42) (.05) -.000)	---	---	---	---	.003 (.08)	.003 (.08)
21	22	---	.003 (.08)	---	---	---	---	---	.003 (.08)	.003 (.08)
---	23	---	.002 (.05)	.056 +.002 (1.42) (.05) -.000	---	---	---	---	.003 (.08)	.003 (.08)
---	24	---	.002 (.05)	---	---	---	---	---	.003 (.08)	.003 (.08)

1/ Dimensions are in inches.2/ Metric equivalents are given for general information only.3/ Material shall be copper alloy.4/ Material shall be aluminum alloy.5/ Waveguide shall be the same as M85/1-157, 158, and 160 except the B dimension shall be .255 ±.003 (6.48 ±.08) and the D dimension .383 ±.005 (9.73 ±.13).6/ Waveguide shall be the same as M85/1-071, 072, and 177 except the B dimension shall be .248 ±.004 (6.30 ±.10) and the D dimension .376 ±.004 (9.55 ±.10).7/ Waveguide shall be the same as M85/1-077, 088, and 178 except the B dimension shall be .200 ±.004 (5.08 ±.10) and the D dimension .260 ±.004 (6.60 ±.10).8/ Waveguide shall be the same as M85/1-077 except the B dimension shall be .200 ±.004 (5.08 ±.10) and the D dimension .300 ±.004 (7.62 ±.10).9/ Dimensions and tolerances are in accordance with ASME-Y14.5M.

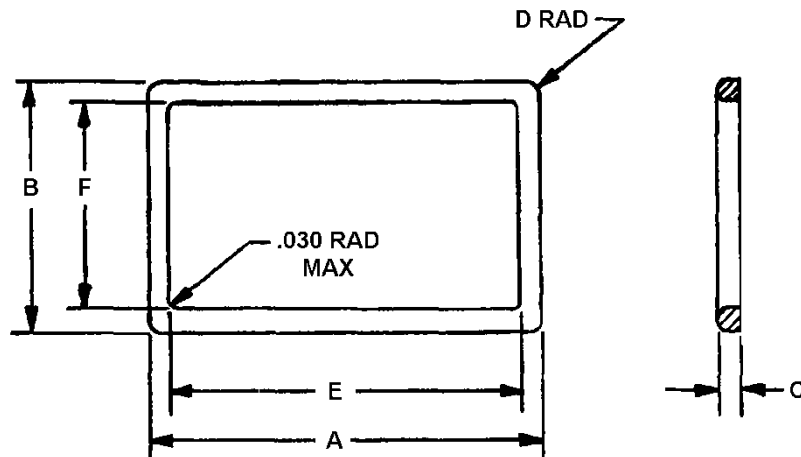


CONFIGURATION 1. GASKET DIMENSIONS FOR PART NUMBERS 01, 02, 03 AND 04.

Used with part no. M3922/75-	A $\pm .015$ (.38)	B $\pm .015$ (.38)	C $\pm .015$ (.38)	D BSC.	E BSC.	F $\pm .015$ (.38)	G BSC.
01, 02	3.375 (85.72)	1.438 (36.53)	3.688 (93.68)	.750 (19.05)	2.250 (57.15)	.438 (11.13)	1.500 (38.10)
03, 04	1.750 (44.45)	.875 (22.22)	2.000 (50.80)	.375 (9.52)	1.188 (30.18)	.219 (5.56)	.812 (20.62)

Used with part no. M3922/75-	H	J	K	L
01, 02	.390 (9.91)	.125 $\pm .007$ (3.18) (.18)	5.188 $\pm .015$ (131.78) (.38)	.050 (1.27)
03, 04	.188 (4.78)	.062 $\pm .005$ (1.57) (.13)	2.750 $\pm .015$ (69.85) (.38)	.014 (.36)

FIGURE 2. Gaskets.



CONFIGURATION 2. GASKET DIMENSIONS FOR PART NUMBERS 05, 06, 07, 08, 17, 19, 20 AND 23.

Used with part no. M3922/75-	A	B	C	D Rad	E	F
05, 06	3.451 ±.015 (87.66) (.38)	1.951 ±.004 (49.56) (.25)	.139 ±.004 (3.53) (.10)			
07, 08	2.449 ±.010 (62.20) (.25)	1.449 ±.010 (36.80) (.25)	.139 ±.004 (3.53) (.10)			
17			.067 ±.003 (1.70) (.08)	.047 ±.005 (1.19) (.13)	.969 ±.004 (24.61) (.10)	.439 ±.004 (11.15) (.10)
19			.067 ±.003 (1.70) (.08)	.047 ±.005 (1.19) (.13)	1.219 ±.004 (30.96) (.10)	.635 ±.004 (16.13) (.10)
20			.067 ±.003 (1.70) (.08)	.047 ±.005 (1.19) (.13)	1.219 ±.004 (30.96) (.10)	.635 ±.004 (16.13) (.10)
23			.067 ±.003 (1.70) (.08)	.047 ±.005 (1.19) (.13)	1.790 ±.004 (45.47) (.10)	.678 ±.004 (17.22) (.10)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Dimensions are in accordance with ASME-Y14.5M.

FIGURE 2. Gaskets - Continued.

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TABLE II. Items supplied with flanges.

Item	M3922/75-01, 02	M3922/75-03, 04	M3922/75-05, 06	M3922/75-07, 08	M3922/75-15, 16	
Gasket	1 each (see figure 2, configuration 1)	1 each (see figure 2, configuration 1)	1 each (see figure 2, configuration 2)	1 each (see figure 2, configuration 2)	1 each (see MIL-DTL-24211/2-019)	
Hex head cap screw	(9.53) 5 each, .375-16 UNC-2A 2.0 (50.80) long	(4.83) 5 each, .190-32 UNF-2A 1.50 (57.15) long	(6.35) 5 each, .250-20 UNC-2A 1.0 (25.40) long	(6.35) 5 each, .250-20 UNC-2A 1.0 (25.40) long	(9.53) 8 each, .375-16 UNC-2A 1.750 (44.45) long	
Hex nut	(9.53) 5 each .375-16 UNC-2B	(4.83) 5 each .190-32 UNF-2B	(6.35) 5 each, .250-20 UNC-2B	(6.35) 5 each, .250-20 UNC-2B	(9.53) 8 each, .375-16 UNC-2B	
Spring lockwasher	5 each, .375 (9.53) x .094 (2.39) thick	5 each, .190 (4.83) x .047 (1.19) thick	5 each, .250 (6.35) x .062 (1.57) thick	5 each, .250 (6.35) x .062 (1.57) thick	8 each, .375 (9.53) x .094 (2.39) thick	
Item	M3922/75-17	M3922/75-18	M3922/75-19,20	M3922/75-21,22	M3922/75-23	M3922/75-24
Gasket	1 each (see figure 2, configuration 2)	----	1 each (see figure 2, configuration 2)	----	1 each (see figure 2, configuration 2)	----
Hex head cap screw	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)
Hex nut	----	----	----	----	----	----
Spring lockwasher	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Metric equivalents are in parentheses.
4. Dimensions are in accordance with ASME-Y14.5M.

REQUIREMENTS:

Dimensions and configuration:

Flange: See configurations 1 through 12 of figure 1 and table I.

Gasket: See configurations 1 and 2 of figure 2.

Material:

Flange: Metallic alloy as specified in table I.

Hex head cap screw, hex nut and spring lockwasher: Corrosion resisting steel in accordance with SAE-AMS-QQ-S-763, 300 series.

Gasket (Configuration 1): Class 4, Type A, Grade 60 Neoprene in accordance with MIL-PRF-6855.

Gasket (Configuration 2): Silicon rubber in accordance with SAE-AMS-3304.

Marking: See configurations 1 through 12 of figure 1.

Items supplied with flanges: See table II.

Part number: M3922/75 (dash number from table I).

Cross reference of part numbers: See table III.

TABLE III. Cross reference of part numbers to frequency range.

Part number M3922/75	Frequency range (GHz)
01, 02	2.60-5.85
03, 04	5.85-12.4
05, 06	2.60-3.95
07, 08	3.95-5.85
09	7.00-11.0
10	7.05-10.0
11, 12, 13, 14	8.20-12.4
15, 16	.75-1.12
17, 18	7.5-18.0
19, 20, 21, 22	7.0-18.0
23, 24	4.3-10.5

MIL-DTL-3922/75D

Referenced documents. In addition to MIL-DTL-3922, this specification sheet references the following documents:

MIL-PRF-6855
MIL-DTL-24211/2
ASME-Y14.5M
SAE-AMS-3304
SAE-AMS-QQ-S-763

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

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

Preparing activity:

DLA - CC

(Project 5985-2013-033)

Review activities:

Army - 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 <https://assist.dla.mil/>.