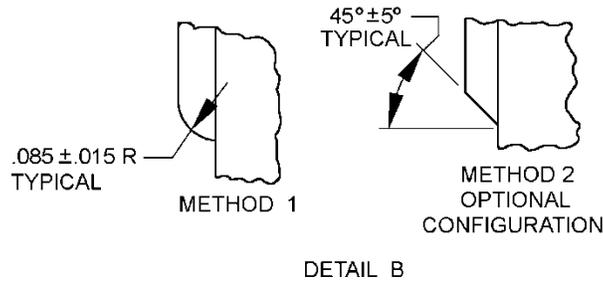


MIL-DTL-28754/49A



Inches	mm										
.002	.05	.085	2.16	.1255	3.188	.205	5.21	.398	10.11	1.95	49.5
.005	.13	.088	2.24	.126	3.200	.207	5.26	.530	13.46	2.038	51.77
.010	.25	.092	2.34	.1285	3.264	.212	5.38	.560	14.22	2.042	51.87
.015	.38	.096	2.44	.133	3.38	.215	5.46	.562	14.27	2.137	54.28
.020	.51	.0970	2.464	.14	3.6	.22	5.6	.800	20.32	2.143	54.43
.026	.66	.0975	2.476	.15	3.8	.225	5.72	1.250	31.75	2.198	55.83
.030	.76	.0995	2.527	.156	3.96	.228	5.79	1.276	32.41	2.200	55.88
.041	1.04	.1000	2.540	.159	4.04	.230	5.84	1.286	32.66	2.202	55.93
.0455	1.156	.1030	2.616	.16	4.1	.250	6.35	1.374	34.90	2.35	59.7
.05	1.3	.1060	2.692	.162	4.11	.253	6.43	1.670	42.42	2.37	60.2
.051	1.30	.110	2.79	.163	4.14	.257	6.53	1.680	42.67	2.435	61.85
.0545	1.384	.113	2.87	.167	4.24	.360	9.14	1.69	42.9	2.445	62.10
.060	1.52	.114	2.90	.169	4.29	.370	9.40	1.81	46.0	2.615	66.42
.070	1.78	.115	2.92	.17	4.3	.392	9.96	1.885	47.88	2.625	66.68
.073	1.85	.1200	3.048	.18	4.6	.394	10.01	1.895	48.13		
.080	2.03	.1230	3.124	.195	4.95	.396	10.06	1.93	49.0		

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are $\pm .005$ (.13 mm) for three place decimals, $\pm .01$ (.3 mm) for two place decimals and $\pm 2^\circ$ for angles.
3. Unless otherwise specified Corner Radii .020 R maximum and corner fillets .020 R maximum.
4. Two surfaces to be in line within .02 inch (.05 mm).
5. Metric equivalents are given for information only and are based upon 1.00 inch = 25.4 mm.

FIGURE 1. Dimensions and configurations – Continued.

MIL-DTL-28754/49A

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: ASTM B85/B85M, UNS number A03800, cast finish 125.

Finish: See table I.

Marking: In accordance with table I, MIL-C-28754 and figure 1.

Military part number: M28754/49- (dash number from table I).

TABLE I. Dash number.

Dash number	Type	Finish	Marking	With detail A
01	A	Anodize per MIL-A-8625, type 2, dyed black	Mark characters .06 inch high with white epoxy ink	No
02	B	Anodize per MIL-A-8625, type 2, dyed red. Coat detail A in accordance with MIL-DTL-5541, class 3, type and grade optional.	Mark characters .06 inch high with black epoxy ink	Yes
03	C	Anodize per MIL-A-8625, type 2, dyed black. Coat detail A in accordance with MIL-DTL-5541, class 3, type and grade optional.	Mark characters .06 inch high with white epoxy ink	Yes

First article testing: Perform the applicable tests as specified in MIL-C-28754 and the appendix thereto.

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.

MIL-DTL-28754/49A

Referenced documents. In addition to MIL-C-28754, this document references the following:

MIL-A-8625
MIL-DTL-5541
ASTM B85/B85M

CONCLUDING MATERIAL

Custodians:
Army – CR
Navy – AS
AF – 85
DLA - CC

Preparing activity:
DLA – CC

(Project 5935-2015-200)

Review activities:
Army - MI
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/>.