



MIL-DTL-28754/20B

Inches	mm	Inches	mm	Inches	mm
.0004	0.010	.0275	0.698	.107	2.72
.0005	0.013	.0380	0.965	.1255	3.188
.0010	0.025	.044	1.12	.150	3.81
.0014	0.036	.06	1.5	.215	5.46
.0015	0.038	.0610	1.549	1.100	27.94
.002	0.05	.085	2.16	1.900	48.26
.005	0.13	.100	2.54	5.196	131.98
.01	0.3	.1005	2.553	5.388	136.86
.018	0.46				

Dash number	"A" Dia ± .0005	"B" Dim ± .0005	Thickness
01	.1005	.1255	.018 + .002 -.001
02	.1005	.1005	
03	.1255	.1255	

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information.
3. A line passing through the centers of the "A" diameter hole and the "B" dimension slot establishes .
4. Marking, this area in white characters, .06 inch high.
5. Corners may have radius provided dimensions of area shown by  are maintained.
6. Unless otherwise specified, tolerances are ± .01 on two place decimals and ±2° on angles.

FIGURE 1. Dimensions and configurations – Continued.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: The following materials may be used.

1. Laminated epoxy glass, GEB, in accordance with MIL-I-24768/3.
2. Diallyl phthalate, glass filled, in accordance with ASTM D5948, type SDG.
3. Phenylene-oxide resin, glass fiber reinforced, in accordance with WS6268 1/.
4. Glass reinforced polycarbonate resin, in accordance with WS6136 1/ with the following exceptions:

- a. The following requirements of NAVORD drawing WS6136 1/ shall be met or exceeded.

Glass content	Fatigue
Specific gravity	Endurance limit
Flexural strength	IZOD impact test
Flexural modulus	

- b. The following requirements shall be less than or equal to those of NAVORD drawing WS6136:

Shrinkage	Coefficient of linear thermal expansion
Moisture absorption	Deformation under load

Marking: In accordance with MIL-C-28754.

Part or Identifying Number (PIN): M28754/20- (dash number from Figure 1).

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.

1/ (Copies of these drawings are available from NAVORD, Navair and Navsea Managed Original Design Activity Dwg Not Materials/Parts Supplier, 13333 Isaac Hull Ave SE, Washington, DC 20376.)

MIL-DTL-28754/20B

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

MIL-I-24768/3  
WS6136  
WS6268  
ASTM D5948

CONCLUDING MATERIAL

Custodians:

Army – CR  
Navy – AS  
Air Force – 85  
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-2014-072)

Review activities:

Army AR, MI  
Navy – MC  
Air Force – 99

NOTE: The activities 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>.