

MIL-DTL-28754/19B

Inches	mm	Inches	mm	Inches	mm
.0004	0.010	.0275	0.698	.1005	2.553
.0005	0.013	.03	0.8	.107	2.72
.0010	0.025	.0380	0.965	.1255	3.188
.0014	0.036	.044	1.12	.150	3.81
.0015	0.038	.06	1.5	.300	7.62
.002	0.05	.0610	1.549	.515	13.08
.005	0.13	.085	2.16	2.196	55.78
.018	0.46	.100	2.54	2.388	60.66

Dash number	"A" Dia ± .0005	"B" Dia ± .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 hole A and slot B establishes -X-.
4. Break sharp edges .03 maximum.
5. Corners may have radius provided dimensions of area shown by  are maintained.

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, per WS6268 1/.
4. Glass reinforced polycarbonate resin, per WS6136 1/ with the following exceptions:
 - a. The following requirements of NAVORD drawing WS6136, 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): M28754/19- (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.

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

MIL-I-24768/3
WS6136
WS6268
ASTM D5948

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.)

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CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

(Project 5935-2014-071)

Review activities:

Army AR, MI
Navy – MC, YD
Air Force – 99

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