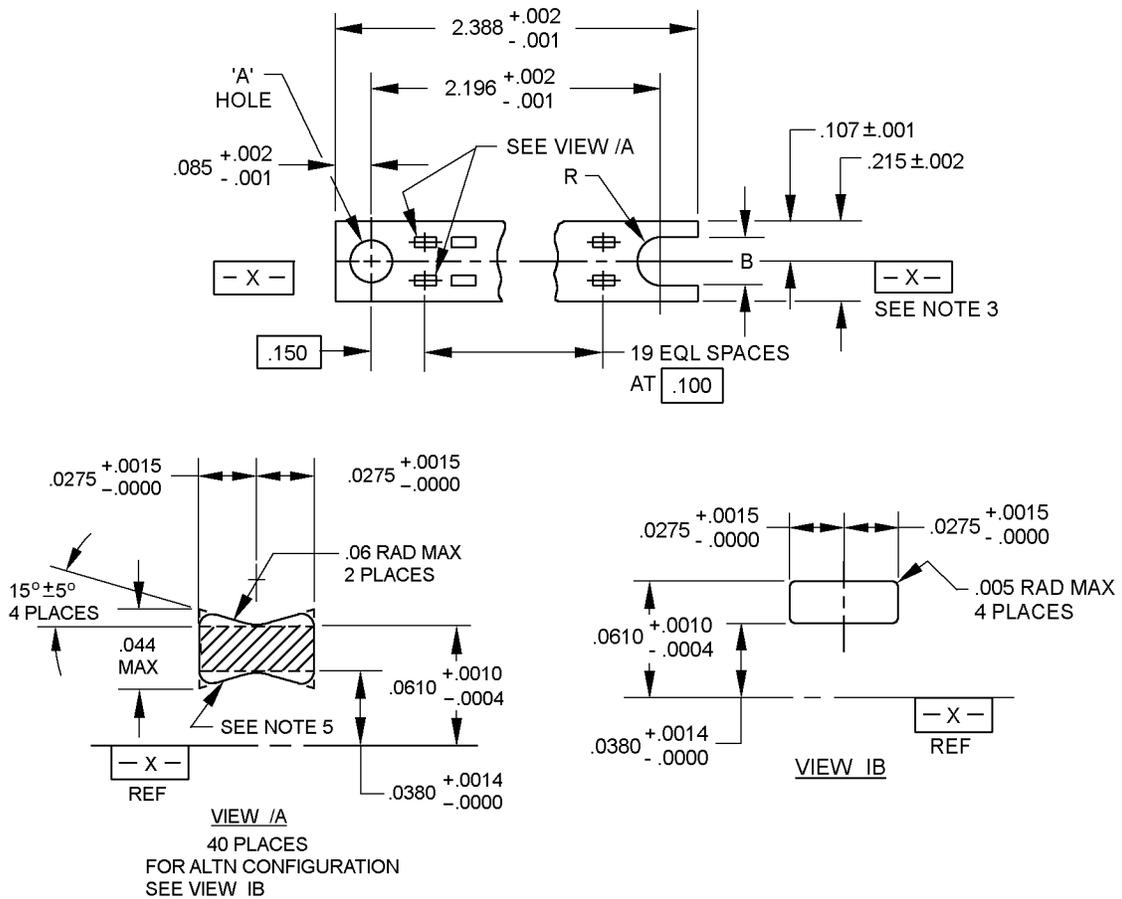


DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, MODULAR, SPACER,
 PIN, TYPE IV, SINGLE SPAN

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

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-C-28754.



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

FIGURE 1. Dimensions and configurations.

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Inches	mm	Inches	mm	Inches	mm
.0004	.01	.0275	.70	.1005	2.55
.0005	.01	.03	.76	.107	2.72
.0010	.03	.0380	.97	.1255	3.19
.0014	.04	.044	1.12	.150	3.81
.0015	.04	.06	1.52	.215	5.46
.002	.05	.0610	1.55	2.196	55.78
.005	.13	.085	2.16	2.388	60.66
.018	.46	.100	2.54		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. A line passing through the centers of hold 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, in accordance with WS6268.
4. Glass reinforced polycarbonate resin, in accordance with WS6136 with the following exceptions:
 - a. The following requirements of NAVORD drawing WS6136, Commercial and Government Entity (CAGE) code 10001, 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, CAGE code 10001:

Shrinkage	Coefficient of linear thermal expansion
Moisture absorption	Deformation under load

Marking: In accordance with MIL-C-28754.

Part or Identifying Number (PIN): M28754/18- (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.

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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 5935-2014-070)

Review activities:
Army AR, MI
Navy – MC, YD
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>.