

INCH-POUND

MIL-C-55302/155A  
17 November 1988  
SUPERSEDING  
MIL-C-55302/155  
21 April 1981

MILITARY SPECIFICATION SHEET

CONNECTORS, PRINTED CIRCUIT ASSEMBLY AND ACCESSORIES:  
HOOD FOR PRINTED WIRING BOARDS

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

The requirements for procuring the connector described herein shall consist of this document and the latest issue of MIL-C-55302.

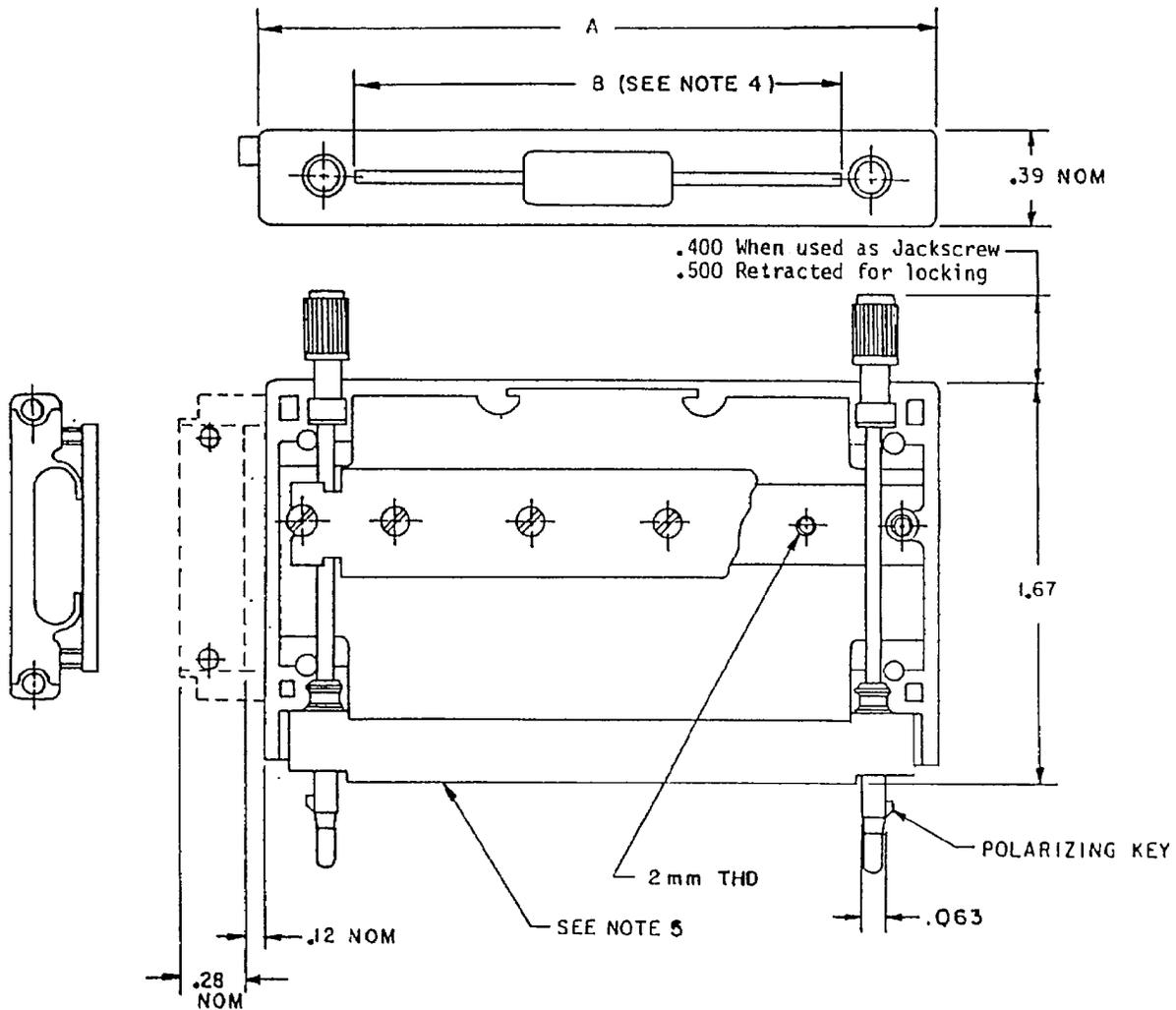


FIGURE 1. Hood.

TABLE I. Part numbers and dimensions.

Part no.	Subpart no.	Dimensions	
		A	B
01	A	1.673	1.015
	B		
	C		
02	A	2.272	1.614
	B		
	C		
03	A	2.472	1.815
	B		
	C		
04	A	2.874	2.216
	B		
	C		
05	A	3.472	2.815
	B		
	C		
06	A	4.075	3.417
	B		
	C		

Inches	mm	Inches	mm
.12	3.0	2.216	56.29
.28	7.1	2.272	57.71
.39	9.9	2.472	62.79
.400	10.16	2.815	71.50
1.015	25.78	2.874	73.00
1.614	41.00	3.417	86.79
1.67	42.42	3.472	88.19
1.673	42.49	4.075	103.50
1.815	46.10		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is  $\pm 0.015$  (0.38 mm).
4. Slot is provided for flexible cable to NAS 729.
5. The connector is not included under this number.

FIGURE 1. Hood - Continued.

TABLE II. Hood applications.

Part no.	Corresponding connector
01	MIL-C-55302/140-17, /142-17, /144 and /149
02	MIL-C-55302/140-29, /142-29, /145 and /150
03	MIL-C-55302/140-33, /142-33,
04	MIL-C-55302/140-41, /142-41, /146 and /151
05	MIL-C-55302/140-53, /142-53, /147 and /152
06	MIL-C-55302/140-65, /142-65, /148 and /153

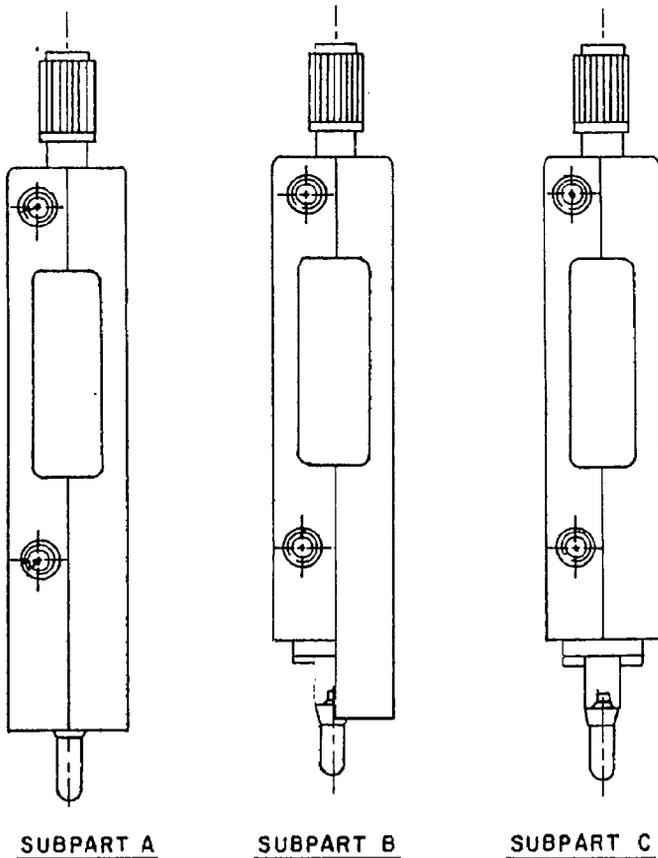


FIGURE 2. Shroud configuration.

REQUIREMENTS:

Dimensions and configurations: See figures 1 and 2.

Materials and finish:

Hood molding - Glass filled polycarbonate in accordance with L-P-399, color grey.

Cable clamp (external) - Glass filled nylon in accordance with MIL-M-20699, color grey.

Jackscrews - Stainless steel .303 in accordance with QQ-S-763.

Mating hardware - Shall conform to MIL-C-55302/154.

Corresponding parts - See table II.

Part number - M55302/155 - (hood application)(shroud configuration)(cable entry).

Example M55302/155-01 A S.

01 - denotes differences in hood lengths.

A - denotes different type shrouds.

T - denotes top entry cable.

S - denotes side entry cable.

CONCLUDING MATERIAL

Custodians:  
Army - CR  
Navy - EC  
Air Force - 17

Review activities:  
Navy - AS, OS, SH  
Air Force - 11, 99  
DLA - ES

User activities:  
Army - AT, AV, ME  
Navy - MC  
Air Force - 19

Preparing activity:  
Army - CR

Agent:  
DLA - ES

(Project 5935-3652-16)