

APPENDIX "A"

LOCAL MANUFACTURE OF JUMPER ASSEMBLIES

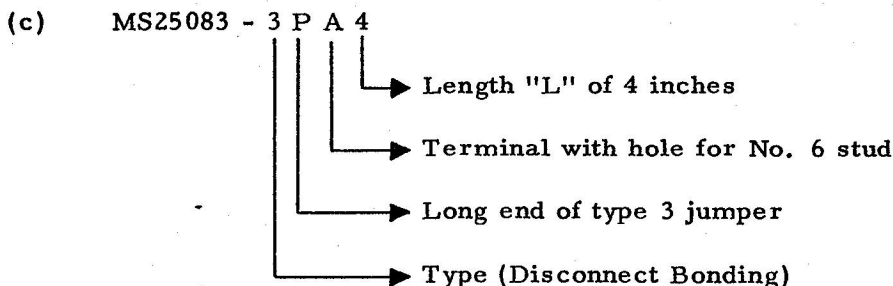
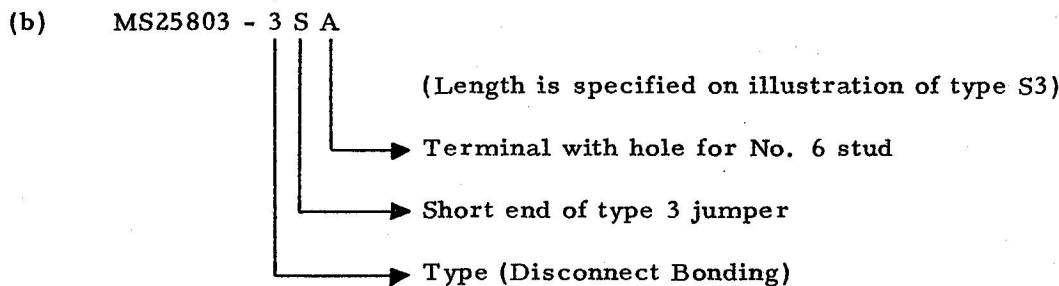
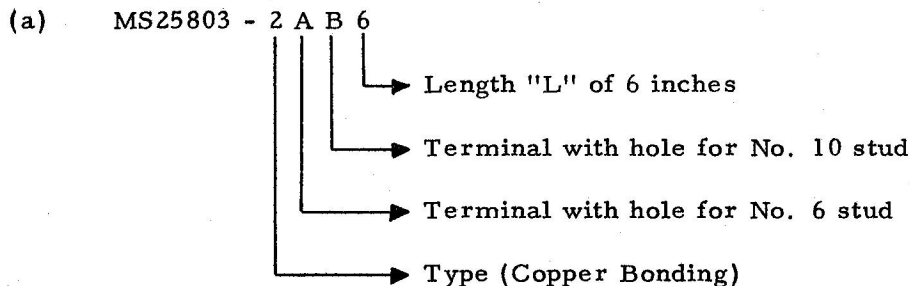
1 Jumper assemblies to the requirements of MS20583 are to be manufactured locally from referenced bulk copperbraid and component parts.

2 The jumper assemblies are to be manufactured in accordance with Figures A-1 to A-3.

3 Definition of Part Numbers:

- (a) First dash number designates type of jumper.
- (b) First and second letters designate terminal stud hole sizes, except for types 3S and 3P where letters "S" or "P" replaces first terminal size designation.
- (c) Second number designates length "L" in inches and in one-inch increments, except the length designation shall be omitted for type 3S.

4 Example of Part Number:



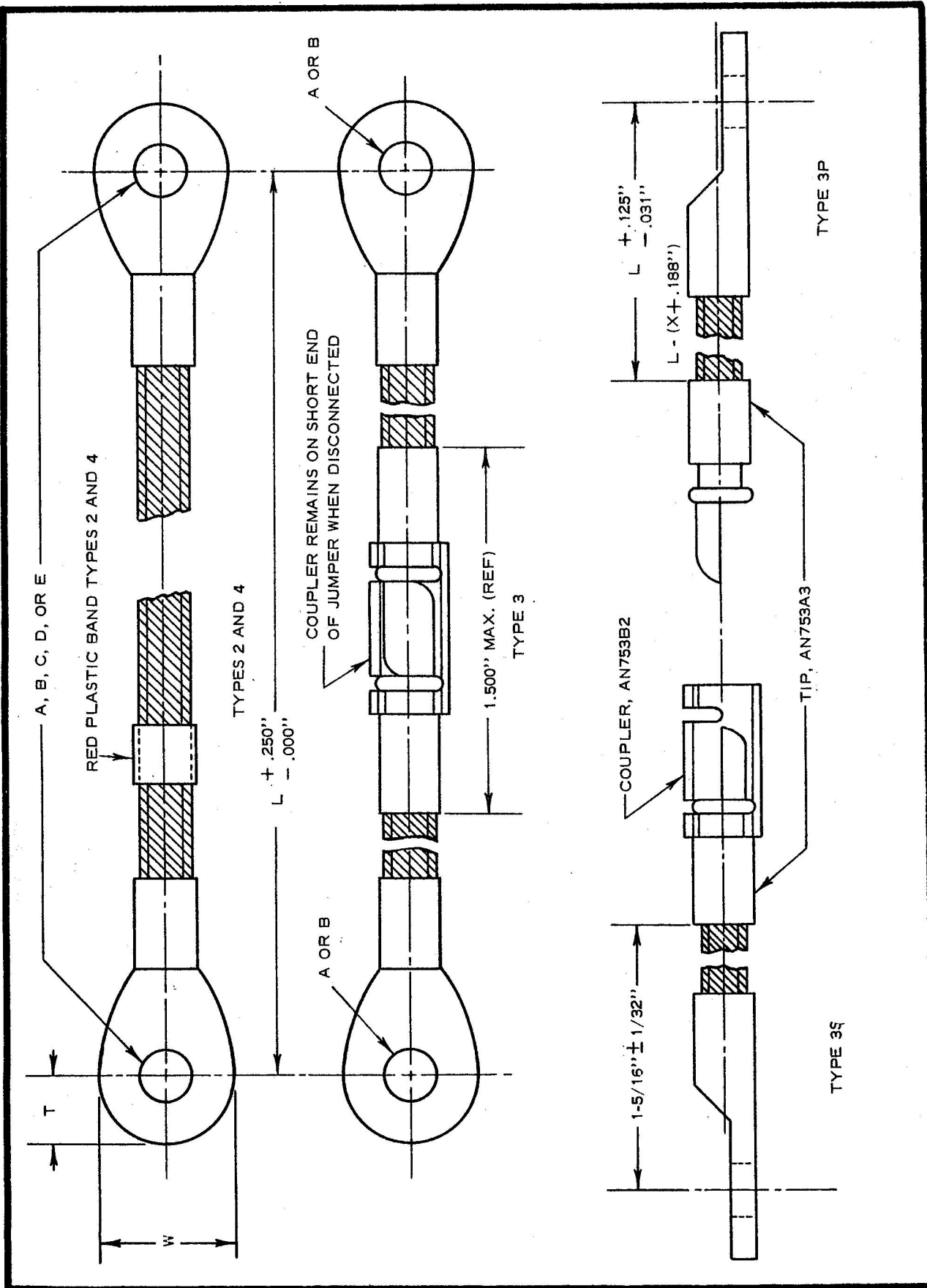


Figure A-1

MS Part	Jumper	Material	Terminal Stud Sizes Optional
MS25803-2	Bonding	Copper	A B C D E
MS25803-3	Quick Disconnect	Copper	A B
MS25803-3S	Short End of -3	Copper	A B
MS25803-3P	Long End of -3	Copper	A B
MS25803-4	Current Return	Copper	D E

Figure A-2

Stud Hole Designation	Hole Size
A	.147 for No. 4 and No. 6
B	.198 for No. 8 and No. 10
C	.259 for 1/4
D	.328 for 5/16
E	.390 for 3/8

Figure A-3

INSULATED JUMPER ASSEMBLIES

5 Appropriate size insulating sleeving is to be placed over copper braid before installing last terminal when required.

6 For unit maintenance activities MS25083-2 jumpers are to be used when replacing MS25083-1 jumpers, which are fabricated from aluminum braid.

