

Issued 1997-08
Cancelled 2003-08

Superseding AS6852

Splice, Conductor, Electric, Disconnect

CANCELLATION NOTICE

This document has been declared cancelled as of August 2003. By this action, this document will remain listed in the Numerical Section of the Aerospace Standards Index.

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 2003 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Tel: 724-776-4970 (outside USA)
Fax: 724-776-0790
Email: custsvc@sae.org
SAE WEB ADDRESS: <http://www.sae.org>

NOTICE

This document has been taken directly from U.S. Military Specification MIL-S-6852B and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards.

The original Military Specification was adopted as an SAE standard under the provisions of the SAE Technical Standards Board (TSB) Rules and Regulations (TSB 001) pertaining to accelerated adoption of government specifications and standards. TSB rules provide for (a) the publication of portions of unrevised government specifications and standards without consensus voting at the SAE Committee level, (b) the use of the existing government specification or standard format, and (c) the exclusion of any qualified product list (QPL) sections.

1. SCOPE:

- 1.1 Splices furnished in accordance with this specification shall be one type, disconnect splice assembly, of the sizes shown in Figure 1 as specified (see 6.2).

2. APPLICABLE DOCUMENTS:

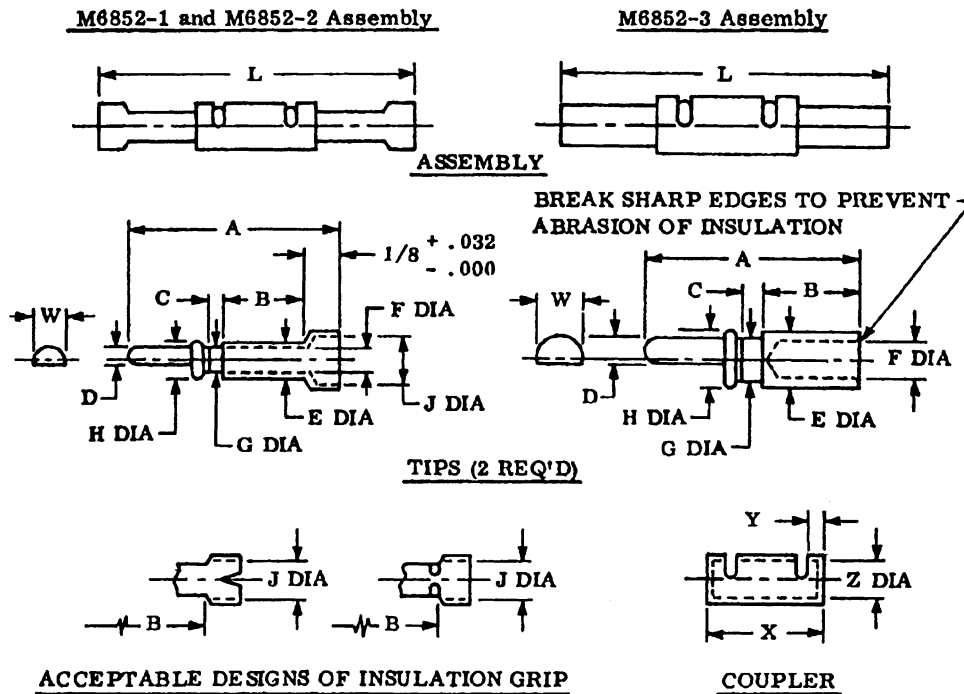
- 2.1 The following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

SPECIFICATIONS

Federal

QQ-C-533	Copper-Beryllium Alloy Strip
QQ-S-365	Silver Plating, Electrodeposited, General Requirements for
PPP-B-636	Box, Fiberboard

SAE AS6852 Revision A



ASSEMBLY AND COUPLER DIMENSIONS

ASSEMBLY PART NO.	L MAX	X ±0.005	Y ±0.004	Z ±0.001
M6852-1	1.500	0.500	0.085	0.109
M6852-2	1.500	0.500	0.085	0.109
M6852-3	1.500	0.625	0.099	0.180

TIP DIMENSIONS

ASSEMBLY PART NO.	WIRE SIZE	A MAX	B ±0.010	C ±0.004	D ±0.003	E ±0.003	F	G ±0.003	H ±0.003	J ±0.005	W ±0.003
M6852-1	22-20-18	0.812	0.312	0.095	0.058	0.125	0.062 0.056	0.107	0.116	0.115	0.103
M6852-2	16-14	0.812	0.312	0.095	0.058	0.140	0.090 0.081	0.107	0.116	0.150	0.103
M6852-3	12-10	0.875	0.406	0.114	0.093	0.205	0.135 0.129	0.175	0.188	--	0.178

DIMENSIONS IN INCHES

Figure 1. Assembly and components of the electrical disconnect splice

2.1 (Continued):

Military

MIL-P-116 Preservation, Methods of
MIL-W-5086 Wire, Electric, Hook-up and Interconnecting, Poly-Vinyl Chloride-Insulated, Copper or
Copper Alloy Conductor
MIL-C-45662 Calibration System Requirements

STANDARDS

Military

MIL-STD-105 Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-129 Marking for Shipment and Storage
MIL-STD-202 Test Methods for Electronic and Electrical Component Parts
MS17776 Crimping Tool - Electric Wire Terminal, Hand, 22-10 Capacity
MS20659 Terminal, Lug, Crimp Style, Copper, Uninsulated, Ring Tongue, Type I, Class 1

(Copies of specifications, standards, drawings, and publications required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

2.2 Other publications:

The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issues in effect on date of invitation for bids, or request for proposal, shall apply.

American Society for Testing and Materials

ASTM B 140-68 Copper-Zinc-Lead (Leaded Red Brass or Hardware Bronze) Rod, Bars, and Shapes

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pennsylvania 19103.)

Uniform Classification Committee

Uniform Freight Classification

(Application for copies should be addressed to the Uniform Classification Committee, Room 202, Union Station, 516 West Jackson Boulevard, Chicago, Illinois 60606.)