

SAE Executive Standards Committee 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 revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
B

AS34061™

FEDERAL SUPPLY CLASS
5935

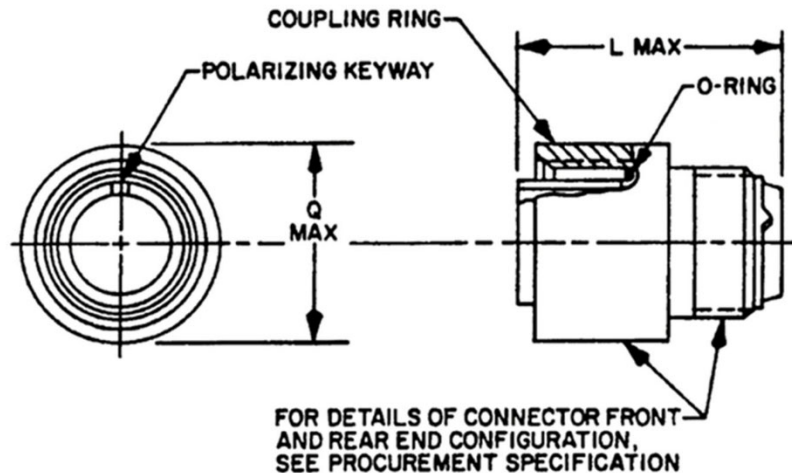
RATIONALE

REMOVE STABILIZATION AND ADD LIMITED USE OF TIN/ZINC FINISH CLASS PER THE COMMITTEE DECISION.
EDITORIAL CORRECTIONS AND RECREATION OF TABLES FROM THE ORIGINAL MILITARY SPECIFICATION.
REPLACED CANCELED SPECIFICATION NUMBERS.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS50151.

MILITARY AND/OR GOVERNMENT AGENCIES LISTED HEREIN ARE THOSE OF THE UNITED STATES. FOR OTHER LOCATIONS, USERS OF THIS SPECIFICATION ARE ADVISED TO CONSULT THEIR LOCAL REGULATIONS.



CLASSES D, DV, L, U, W ENVIRONMENT RESISTANT

CLASSES R AND S CANCELED AFTER 18 OCT 71

CLASS Y CANCELED AFTER 18 FEB 72

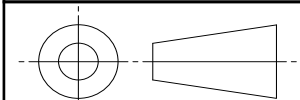
CLASS K CONNECTORS WITH ELECTROLESS NICKEL INACTIVE FOR DESIGN AFTER 25 APR 74

CLASSES L, U, AND W INACTIVE FOR DESIGN AFTER 23 MAR 76

FIGURE 1 - CONNECTOR CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS34061B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS50151



AEROSPACE STANDARD

(R) CONNECTORS, PLUG, ELECTRIC,
FRONT RELEASE, CRIMP CONTACT,
AN TYPE

AS34061™
SHEET 1 OF 7

REV.
B

Documents

Copyright © 2026 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, or used for text and data mining, AI training, or similar technologies, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 1-877-606-7323 (U.S. and Canada only)

Fax: 724-776-0790

Tel: 1-724-776-4970 (outside U.S. and Canada)

Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

REQUIREMENTS:

1. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
2. UNLESS OTHERWISE SPECIFIED, TOLERANCES: ± 0.016 .
3. DIMENSIONING AND TOLERANCING: ASME Y14.5.
4. AS50151 CRIMP CONTACT, FRONT AND REAR RELEASE CONNECTORS, AND SOLDER CONTACT CONNECTORS ARE INTERMATEABLE.
5. UNLESS OTHERWISE SHOWN, CORRESPONDING FEATURES OF PIN AND SOCKET CONTACT CONNECTORS ARE IDENTICAL.
6. FOR INSERT ARRANGEMENTS, REFER TO MIL-STD-1651.
7. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
8. REFERENCED DOCUMENTS ARE THE ISSUES IN EFFECT ON DATE OF INVITATIONS FOR BID.
9. PROCUREMENT SPECIFICATION: AS50151, EXCEPT AS SPECIFIED IN THIS STANDARD. PRODUCT MANUFACTURED TO THIS STANDARD SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER AS LISTED IN THE QUALIFIED PRODUCTS LIST (QPL-SIS) UNDER QPL-AS50151-**-SIS FOR THIS STANDARD. SEE www.NAVAIR.navy.mil/QPL FOR CURRENT QPL ONLINE.
10. CLASS DV IS NOT APPROVED FOR NAVAIR AND AIR FORCE USE.

TABLE 1 - CONNECTOR CONFIGURATION AND DIMENSIONS

SIZE	L MAX		Q MAX
	SIZE 16 & 12 CONTACTS	SIZE 8, 4 & 0 CONTACTS	
8S	2.031	N/A	.844
10S			.969
10SL			
12S			1.062
12	2.125		
14S	2.031		1.156
14	2.125		
16S	2.031		1.250
16	2.125	2.500	
18			1.344
20			1.469
22			1.594
24			1.719
28			1.969
32			2.219
36			2.469
40			2.719
44			2.969
48			3.219

	AEROSPACE STANDARD		AS34061™ SHEET 2 OF 7	REV. B
	(R) CONNECTORS, PLUG, ELECTRIC, FRONT RELEASE, CRIMP CONTACT, AN TYPE			



Documents

Document Sharing Hub

EXAMPLE OF PART NO.: MS3406D 18-11PY

	MS3406	D		18	-	11	P	Y
BASIC PART NUMBER	CLASS D, DV, K, L, U, W	MATERIAL DESIGNATOR S - STAINLESS STEEL. T - FERROUS ALLOY WITH CADMIUM PLATE. LEAVE BLANK FOR ALUMINUM ALLOY.	SHELL SIZE	INSERT ARRANGEMENT	CONTACT DESIGNATOR	ALTERNATE INSERT POSITION W, X, Y, OR Z. - LEAVE BLANK FOR NORMAL POSITION.		

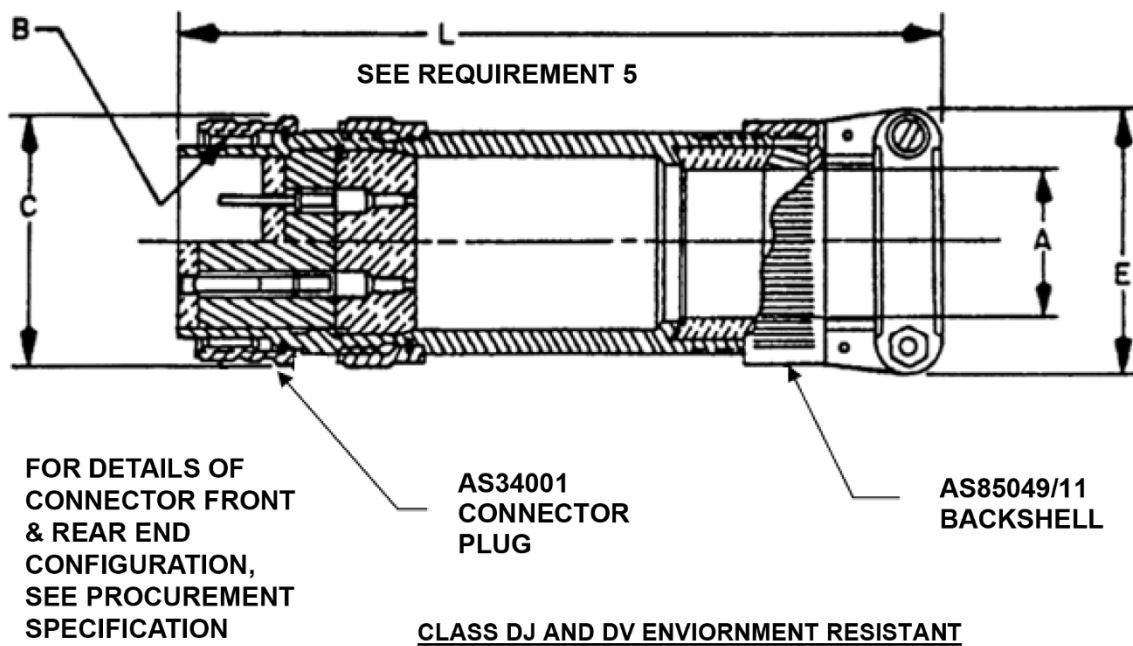


FIGURE 2 - CONNECTOR CONFIGURATION AND DIMENSIONS (CLASS DJ AND DV)

	AEROSPACE STANDARD	AS34061™ SHEET 6 OF 7	REV. B
	(R) CONNECTORS, PLUG, ELECTRIC, FRONT RELEASE, CRIMP CONTACT, AN TYPE		



Documents

Document Sharing Hub