

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.
E

AS18029™

FEDERAL SUPPLY CLASS
5940

RATIONALE

REVISION REQUIRED TO ADD AN ALTERNATE MATERIAL.

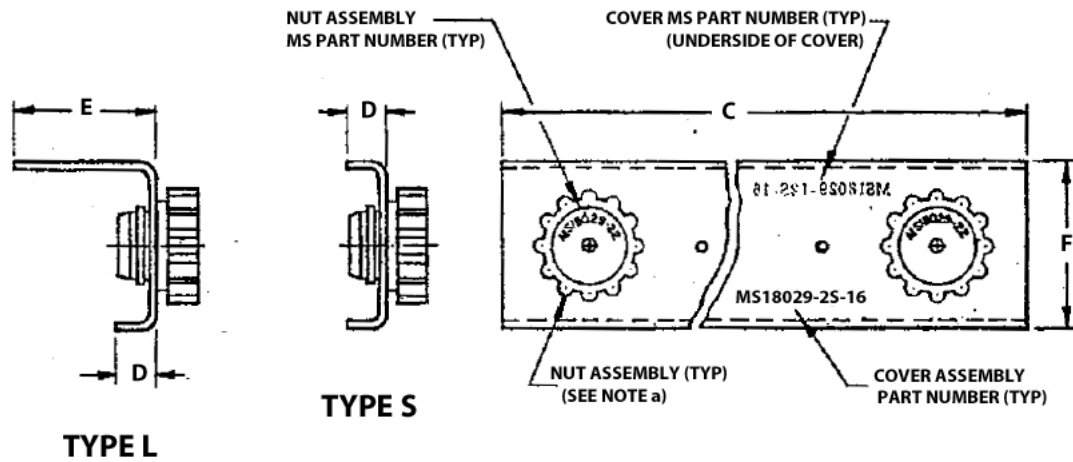


FIGURE 1 - COVER ASSEMBLY

NOTE (a): COVER ASSEMBLIES MS18029-1L-2 OR MS18029-1S-2 USE NUT ASSEMBLY MS18029-21 (QTY 1). ALL OTHERS REQUIRE TWO NUT ASSEMBLIES.

TABLE 1 - DIMENSIONS

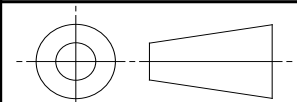
ASSEMBLY NO.	COVER DASH NO.		STUDS		NUT ASSEMBLY DASH NO.	C (REF)	D (REF)	E (REF)	F (REF)
	TYPE L	TYPE S	(N) MAX	SIZE					
MS18029-1(*)-(N)	-11L-(N)	-11S-(N)	20	.138-32	-21	12.334	.234	.734	.813
MS18029-2(*)-(N)	-12L-(N)	-12S-(N)	16	.190-32	-22	12.454	.234	.906	1.063
MS18029-3(*)-(N)	-13L-(N)	-13S-(N)	8	.250-28	-23	12.641	.375	1.312	1.500
MS18029-4(*)-(N)	-13L-(N)	-13S-(N)	8	.312-24	-24	12.641	.375	1.312	1.500
MS18029-5(*)-(N)	-13L-(N)	-13S-(N)	8	.375-24	-25	12.641	.375	1.312	1.500
MS18029-6(*)-(N)	-14L-(N)	-14S-(N)	16	.164-32	-26	12.454	.234	.734	.813

(*) USE LETTER L OR S TO INDICATE TYPE COVER DESIRED.

(N) INDICATES THE NUMBER OF STUDS IN A MS27212 TERMINAL BOARD ASSEMBLY TO BE COVERED.

For more information on this standard, visit
<https://www.sae.org/standards/content/AS18029E/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

COVER ASSEMBLY, ELECTRICAL,
FOR MS27212
TERMINAL BOARD ASSEMBLY

AS18029™
SHEET 1 OF 5

REV.
E

Documents

Copyright © 2024 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: 877-606-7323 (inside USA and Canada)

Tel: +1 724-776-4970 (outside USA)

Fax: 724-776-0790

Email: CustomerService@sae.org

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

GENERAL REQUIREMENTS:

1. EXAMPLE OF PART NUMBER:

MS18029-2S-16 INDICATES A COVER ASSEMBLY FOR A MS27212 TERMINAL BOARD ASSEMBLY HAVING 16 STUDS, .190-32 UNF.

THIS COVER ASSEMBLY WILL CONSIST OF THE FOLLOWING:

- a. MS18029-12S-18 TYPE S COVER
- b. MS18029-22 NUT ASSEMBLIES

COVER ASSEMBLY MS PART NUMBER SHALL BE MARKED ON TOP OF COVER.

2. THE GOVERNMENT SERVICES SHALL PROCURE AND STOCK ONLY COVERS MS18029-11L-20, -11S-20, -12L-16, 12S-16, -13L-8, 13S-8, -14L-16, 14S-18, AND NUT ASSEMBLIES MS18029-21 THROUGH -26.
3. THE INSTALLING ACTIVITY SHALL ASSEMBLE COVER ASSEMBLIES FROM PARTS TO BE STOCKED.
4. (N) CODE IS FOR INDUSTRY USE ONLY, FOR THE PROCUREMENT OF COVER ASSEMBLIES OF VARIOUS LENGTHS.
5. COVER ASSEMBLIES ARE NOT TO BE USED IN INSTALLATIONS WHERE THE TEMPERATURE EXCEEDS 475 °F.
6. A MINIMUM OF THREE THREADS MUST BE EXPOSED AFTER TERMINAL STACKING ON THE END STUDS FOR COVER INSTALLATION.
7. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS ARE THE ISSUES IN EFFECT ON DATE OF INVITATIONS FOR BID.

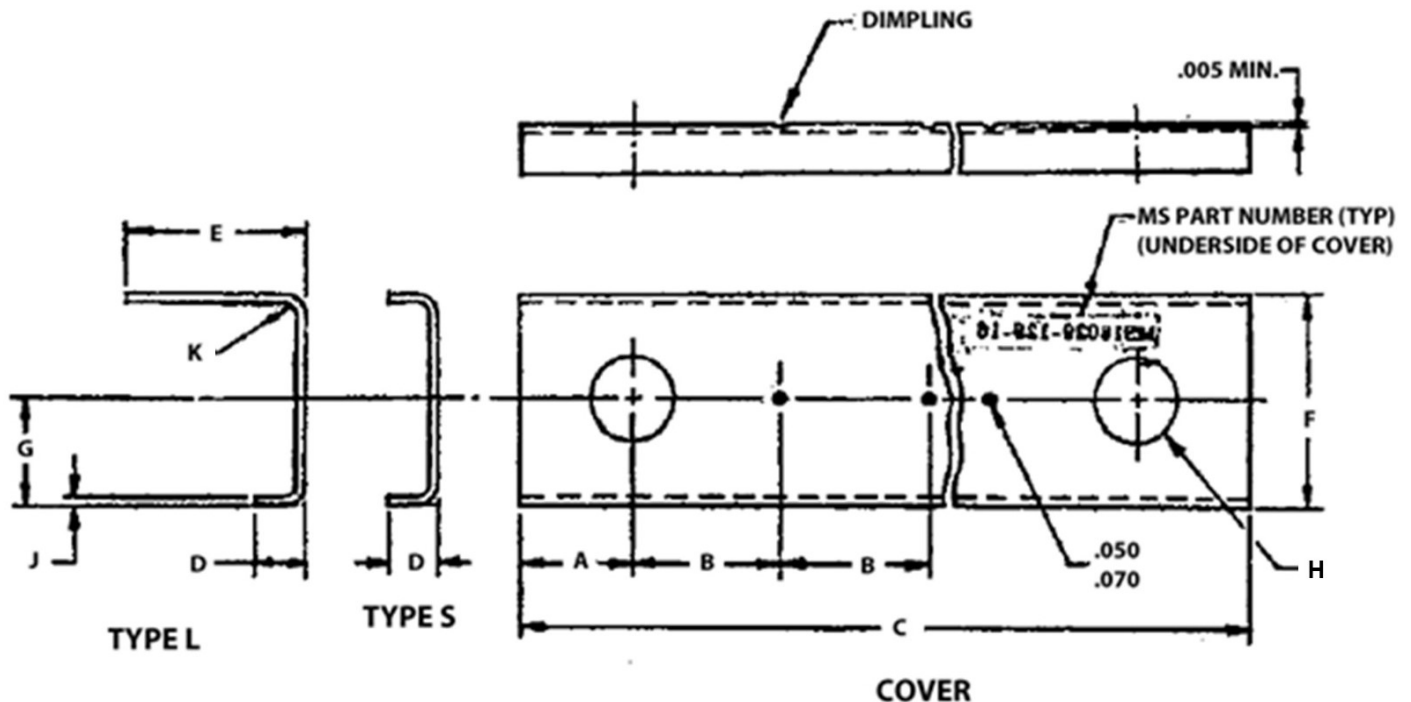


FIGURE 2 - COVER ASSEMBLY

	AEROSPACE STANDARD		AS18029™ SHEET 2 OF 5	REV. E
	COVER ASSEMBLY, ELECTRICAL, FOR MS27212 TERMINAL BOARD ASSEMBLY			



Documents

Document Sharing Hub