

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.
G

AS85049™/128

FEDERAL SUPPLY CLASS
5935

RATIONALE

PARA 2B AND 3B CITE THE ELECTRICAL RESISTANCE REQUIREMENT OF 1.0MΩ. 1.0MΩ = 1.0 MEG OHM = 1,000,000 Ω; IS THE INCORRECT VALUE. USING "UPPER CASE" IN THIS INSTANCE IS INCORRECT. THE CORRECT VALUE IS 1.0m, SINCE 1.0m Ω = 1 MILLIOHM = .001 Ω. TASK IS TO REPLACE THE UPPER CASE "M" WITH THE LOWER CASE "m" UNIT IN BOTH PLACES.

AS85049/128G HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS85049.

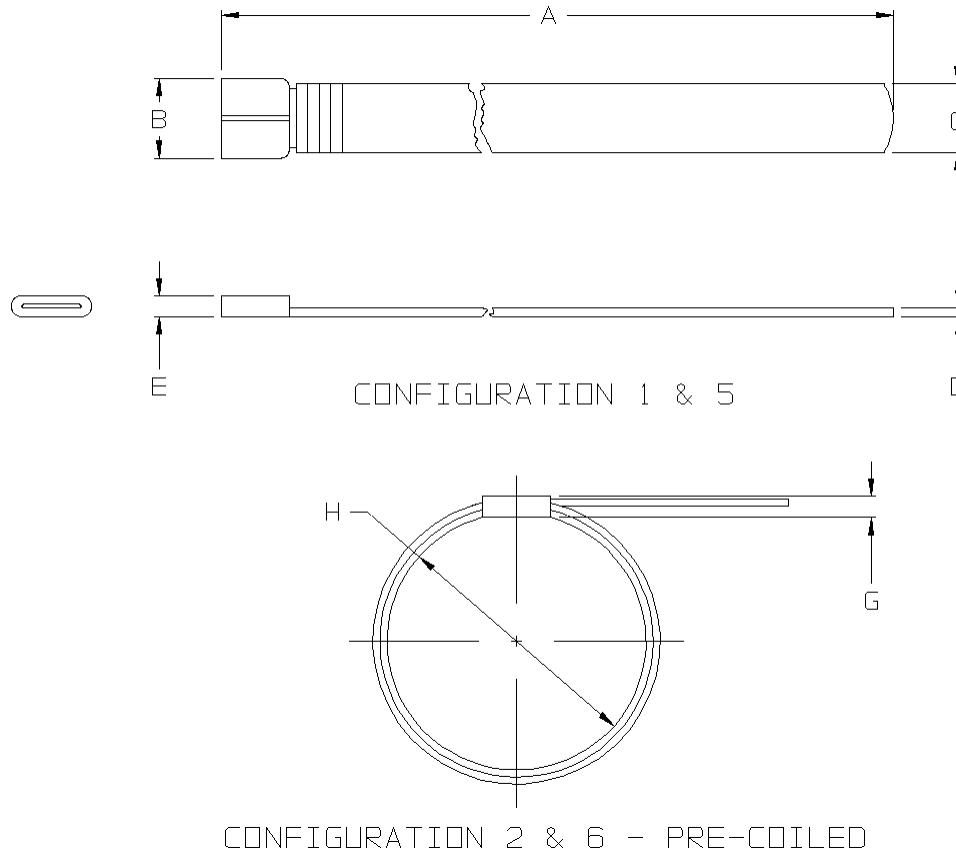
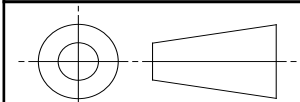


FIGURE 1 - CONFIGURATION

For more information on this standard, visit

<https://www.sae.org/standards/content/AS85049/128G/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

SHIELD BAND, CONNECTOR ACCESSORIES,
ELECTRICAL BACKSHELL, CATEGORY 7
(FOR AS85048/82 - /90, /93, /109 - /117 ACCESSORIES)

AS85049™/128
SHEET 1 OF 5

REV.
G



Documents

Document Sharing Hub

Copyright © 2025 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>

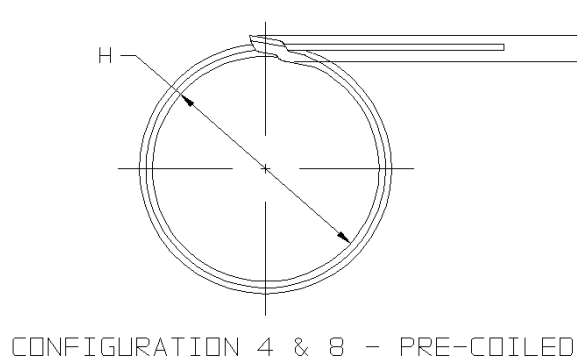
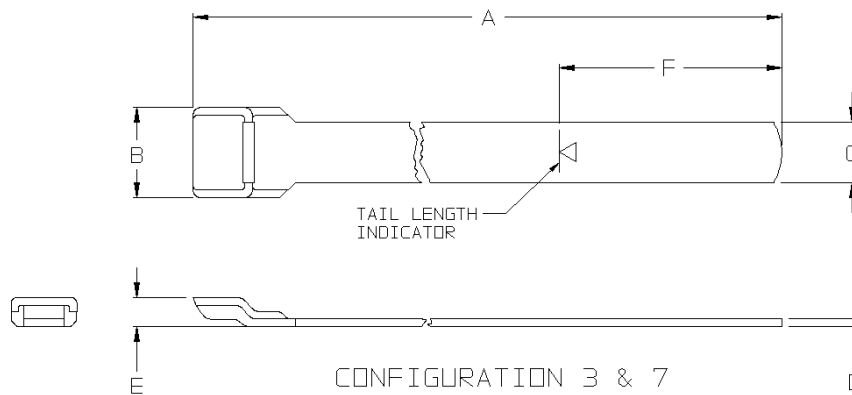


FIGURE 2 - CONFIGURATION AND DIMENSIONS

TABLE 1 - FIGURE 1 AND 2 CONFIGURATIONS AND DIMENSIONS

CONFIG	FIGURE	A	B ±.030 (0.76)	C ±.010 (0.25)	D ±.003 (0.08)	E ±.015 (0.38)	F REF	G MAX	H REF
1	1	13.94 (354.08) 14.31 (363.47)	.328 (8.33)	.245 (6.22)	.019 (0.48)	.100 (2.54)	---	---	---
2	1	---	---	---	---	---	---	.140 (3.56)	1.750 (44.45)
3	2	14.19 (360.42) 14.31 (363.47)	.350 (8.89)	.245 (6.22)	.019 (0.48)	.074 (1.88)	2.031 (51.59)	---	---
4	2	---	---	---	---	---	---	.150 (3.81)	1.750 (44.45)
5	1	9.44 (239.77) 9.56 (242.82)	.198 (5.03)	.118 (3.00)	.015 (0.38)	.080 (2.03)	---	---	---
6	1	---	---	---	---	---	---	.120 (3.05)	1.12 (28.45)
7	2	8.06 (204.72) 8.18 (207.77)	.195 (4.95)	.115 (2.92)	.015 (0.38)	.053 (1.35)	2.031 (51.59)	---	---
8	2	---	---	---	---	---	---	.073 (1.85)	1.12 (28.45)