

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

REV.
C

AS7928™/4

FEDERAL SUPPLY CLASS
5940

RATIONALE

REVISION REQUIRED TO ADD NEW CRIMPING TOOLS, REMOVE UNSPECIFIED NICKEL FINISH, AND MAKE MINOR TECHNICAL AND EDITORIAL CHANGES.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS7928.

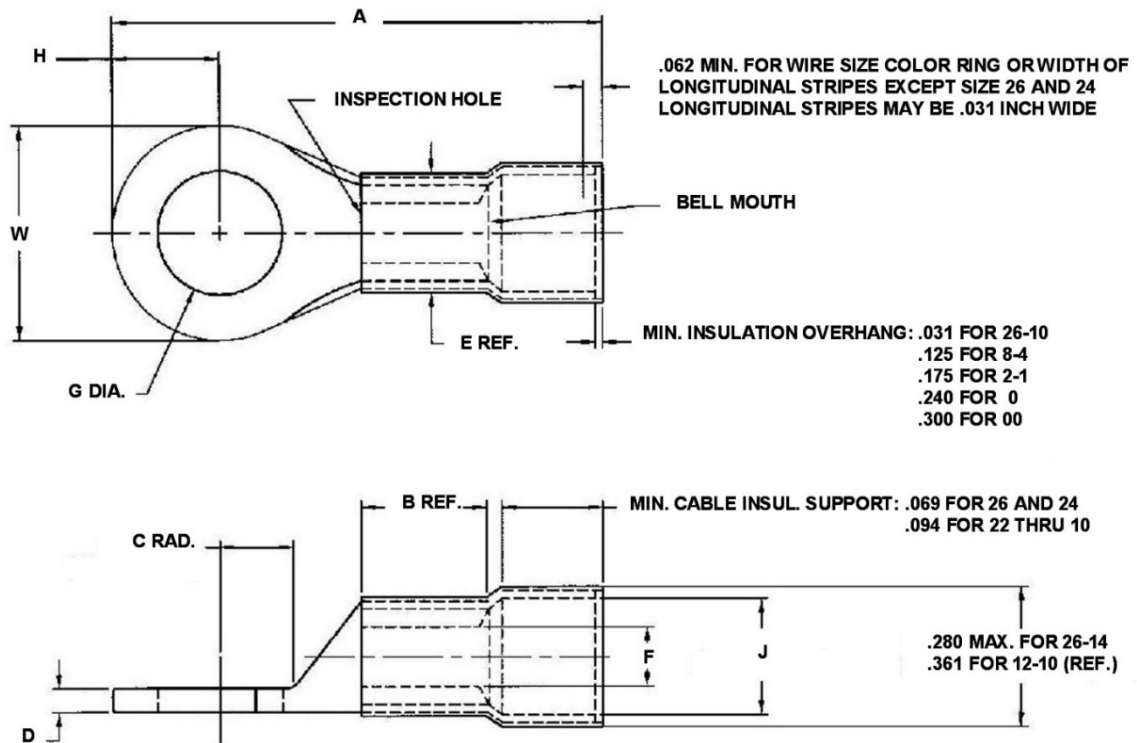
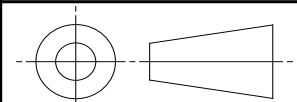


FIGURE 1 - AS7928/4 TERMINAL

For more information on this standard, visit
<https://www.sae.org/standards/content/AS7928/4C>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE8-C2

PROCUREMENT SPECIFICATION: AS7928



AEROSPACE STANDARD

(R) TERMINALS, LUG AND SPLICES, CONDUCTOR, CRIMP STYLE, COPPER TERMINAL, LUG, INSULATED, RING TONGUE, BELL-MOUTHED, TYPE II, CLASS 1 (FOR 150 °C TOTAL CONDUCTOR TEMPERATURE)

AS7928™/4
SHEET 1 OF 4

REV.
C

Copyright © 2020 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)
Fax: 724-776-0790

Tel: +1 724-776-4970 (outside USA)
Email: CustomerService@sae.org

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

TABLE 1 - DASH NUMBERS AND CHARACTERISTICS

DASH NO.	TERMINAL SIZE	STUD SIZE	A MAX	B REF	C MIN RAD	D		E DIA REF	F DIA	G DIA		J MIN DIA	W & H <u>1</u> / ₂		COLOR OF CIRCULAR RING OR LONGITUDINAL STRIPES	
						MAX	MIN			MAX	MIN		MAX	MIN		
143	26 - 24	2 (.086)	.740	.126	.133	.028	.022	<u>.215</u> .190	<u>.033</u> .027	.098	.090	.084	.210	.133	YELLOW	
144		4 (.112)	.755		.171					.122	.114		.260	.193		
145		6 (.138)	.855		.202					.152	.142			.245		
146		8 (.164)								.178	.168					
147		10 (.190)	.865		.227					.203	.193		.330			
159	22 - 18	2 (.086)	.755	.156	.115	.035	.027	<u>.215</u> .190	<u>.073</u> .052	.098	.090	.120	.230	.193	RED	
148		4 (.112)			.122					.114	.260			.210		
101		6 (.138)			.125											
102		6 (.138)	.865		.202					.152	.142		.320	.245		
149		8 (.164)	.910							.178	.168			.305		
103		10 (.190)	1.090		.234					.203	.193		.473			.450
150		1/4 (.250)			.265					.275	.260			.540		.520
104		5/16 (.312)			.296					.338	.323					.720
105		3/8 (.375)	1.320		.328					.400	.385					
151		1/2 (.500)	1.320		.453					.525	.510					
152	16 - 14	4 (.112)	.774	.156	.125	.035	.029	<u>.240</u> .210	<u>.095</u> .081	.122	.114	.153	.260	.240	BLUE	
106		6 (.138)								.152	.147					
107		6 (.138)	.910		.202											
153		8 (.164)	.915							.178	.168		.317	.302		
108		10 (.190)			.234					.203	.193					.473
154		1/4 (.250)			1.085					.265	.275		.260	.540		
109		5/16 (.312)	.296							.338	.323		.720			.705
110		3/8 (.375)	1.225							.328	.400			.385		
155		1/2 (.500)	1.320		.453					.525	.510					
111	12 - 10	6 (.138)	1.120	.234	.202	.043	.037	<u>.300</u> .275	<u>.139</u> .129	.152	.142	.210	.380	.365	YELLOW	
156		8 (.164)								.178	.168					
112		10 (.190)			.234					.203	.193					
157		1/4 (.250)	1.322		.265					.275	.260		.536	.516		
113		5/16 (.312)			.296					.338	.323					
114		3/8 (.375)	1.414		.328					.400	.385		.598	.573		
158		1/2 (.500)			.453					.525	.510		.720	.705		
115	8	10 (.190)	1.402	.315	.234	.084	.038	<u>.350</u> .300	<u>.186</u> .176	.203	.193	.257	.429	.386	RED	
116		1/4 (.250)	1.446		.265					.275	.260		.478	.435		
117		5/16 (.312)	1.544		.296					.338	.323		.590	.547		
118		3/8 (.375)			.328					.400	.385					
119	6	10 (.190)	1.599	.375	.238	.084	.043	<u>.419</u> .360	<u>.232</u> .222	.203	.193	.300	.503	.460	BLUE	
120		1/4 (.250)			.265					.275	.260					
121		5/16 (.312)	1.762		.305					.338	.323		.623	.580		
122		3/8 (.375)			.328					.400	.385					



AEROSPACE STANDARD

(R) TERMINALS, LUG AND SPLICES, CONDUCTOR, CRIMP STYLE, COPPER TERMINAL, LUG, INSULATED, RING TONGUE, BELL-MOUTHED, TYPE II, CLASS 1 (FOR 150 °C TOTAL CONDUCTOR TEMPERATURE)

AS7928™/4
SHEET 2 OF 4

REV. C



Documents

Document Sharing Hub