

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.
A

AS90328™

FEDERAL SUPPLY CLASS
6150

RATIONALE

FULL REVISION REQUIRED TO ADDRESS EDITORIAL FORMATING, REFERENCES, GOVERNMENT RELATED TERMINOLOGY, AND MINOR TECHNICAL ISSUES.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS7974.

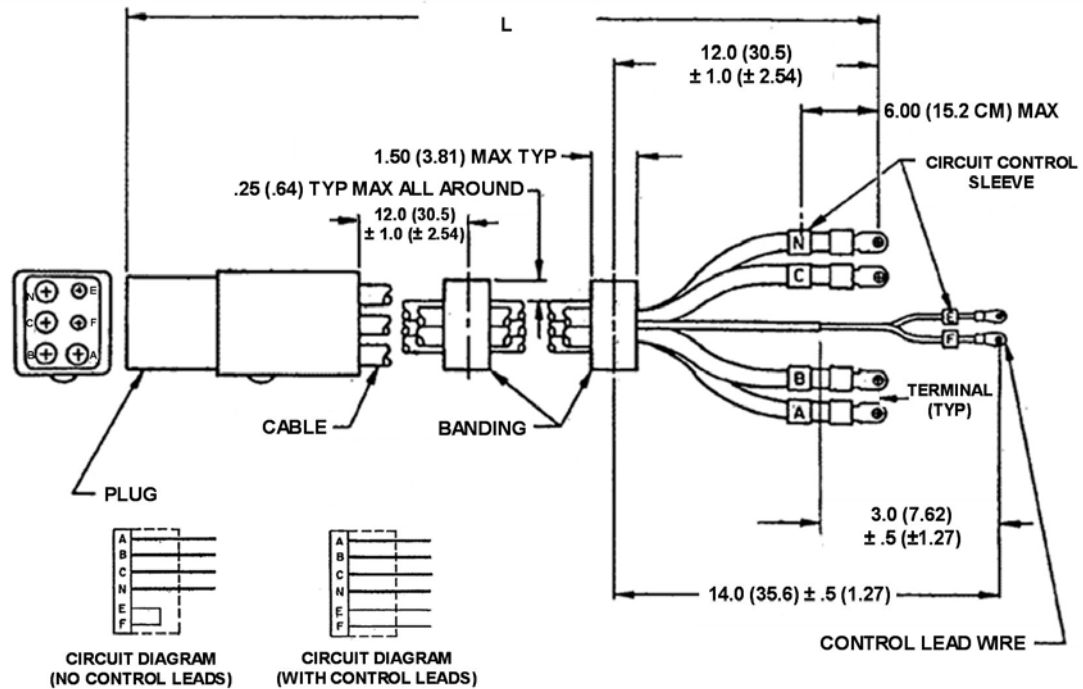
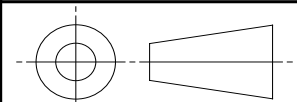


FIGURE 1 - AS90328 CABLE ASSEMBLY

For more information on this standard, visit
<https://www.sae.org/standards/content/AS90328A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8A

PROCUREMENT SPECIFICATION: AS7974



AEROSPACE STANDARD

(R) CABLE ASSEMBLY
EXTERNAL ELECTRIC POWER,
AIRCRAFT 115/200 VOLT, 400 HERTZ

AS90328™
SHEET 1 OF 5

REV.
A

Documents

Copyright © 2021 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>

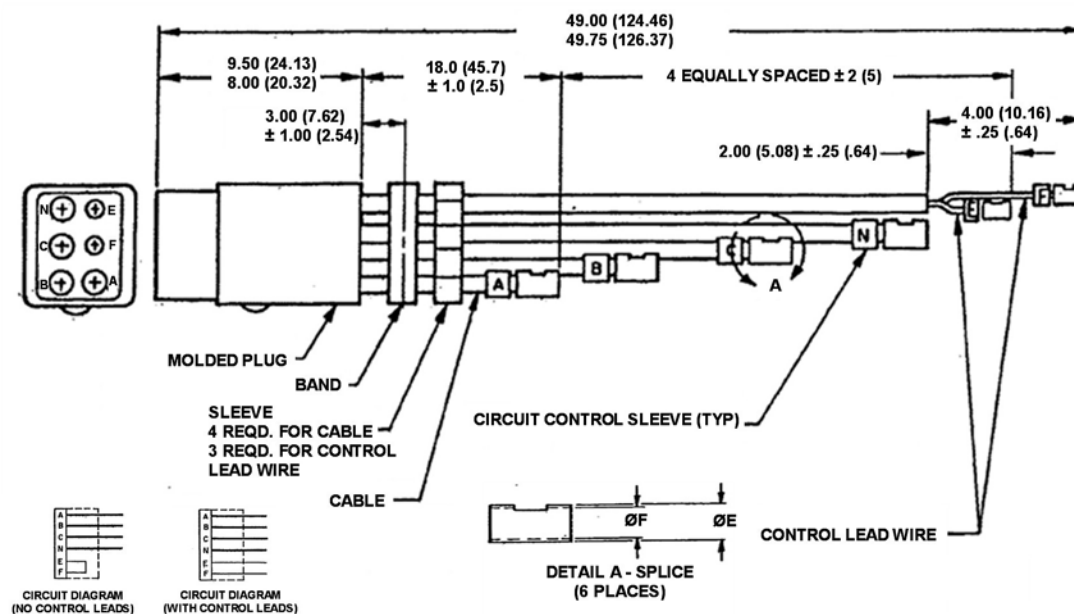


FIGURE 2 - AS90328 MOLDED PLUG SPICE ASSEMBLY DETAILS

TABLE 1 - AS90328 CABLE ASSEMBLY DETAILS

PLUG TYPE	PART NO. MS90328-	CABLE SIZE (A, B, C, N)	WIRE SIZE A, B, C	WIRE SIZE N	L ±0.5 FEET	L ± 0.15 M
			TERMINAL (MS20659-)			
NO CONTROL LEAD	13	0	118	135	20	6.10
	14				30	9.14
	15				40	12.19
	16				60	18.29
	17				80	24.36
	18				100	30.48
	19	00	120	136	20	6.10
	20				30	9.14
	21				40	12.19
	22				60	18.29
	23				80	24.36
	24				100	30.48
WITH CONTROL LEADS <u>1</u> /	25	0	118	135	20	6.10
	26				30	9.14
	27				40	12.19
	28				60	18.29
	29				80	24.36
	30				100	30.48
	31	00	120	136	20	6.10
	32				30	9.14
	33				40	12.19
	34				60	18.29
	35				80	24.36
	36				100	30.48

^{1/} CONTROL LEAD SIZE 12 WIRE REQUIRES AN MS20659-106 TERMINAL