

AS90328

FEDERAL SUPPLY CLASS
6150

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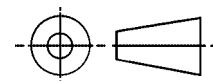
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THIRD ANGLE PROJECTION



PREPARED BY SAE SUBCOMMITTEE AE-8F

SAE Aerospace
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AEROSPACE STANDARD

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

AS90328
SHEET 1 OF 4

ISSUED 2000-03 REAFFIRMED 2009-09

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-7974.

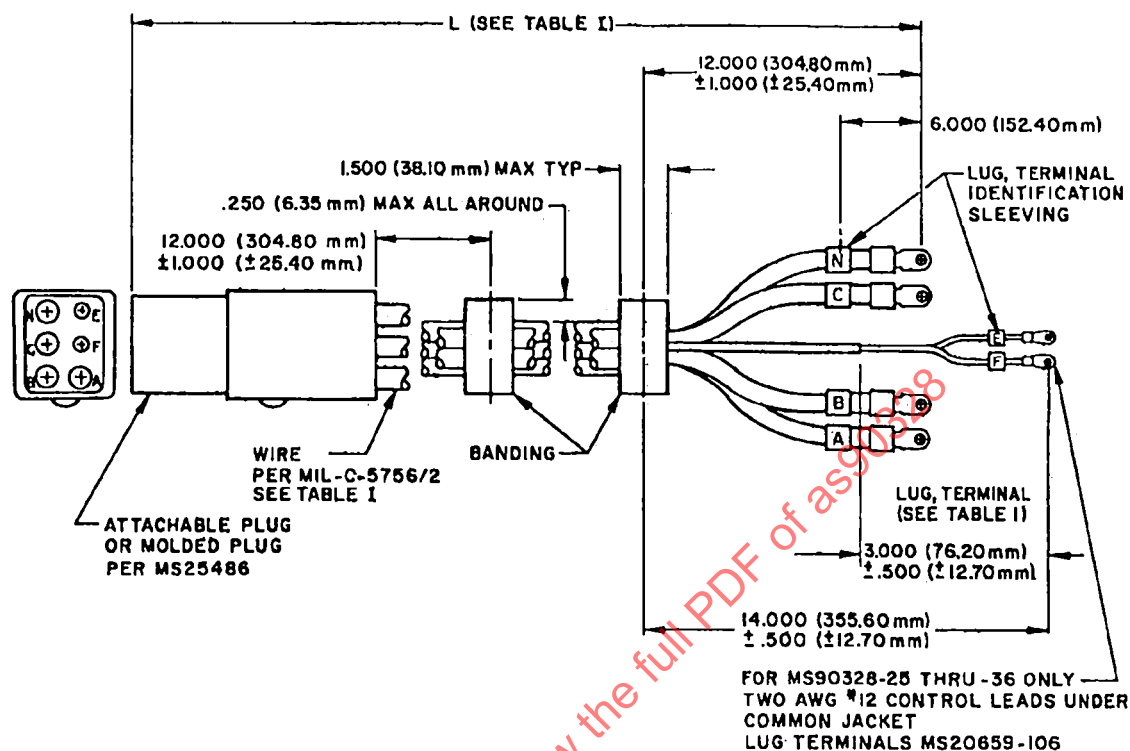
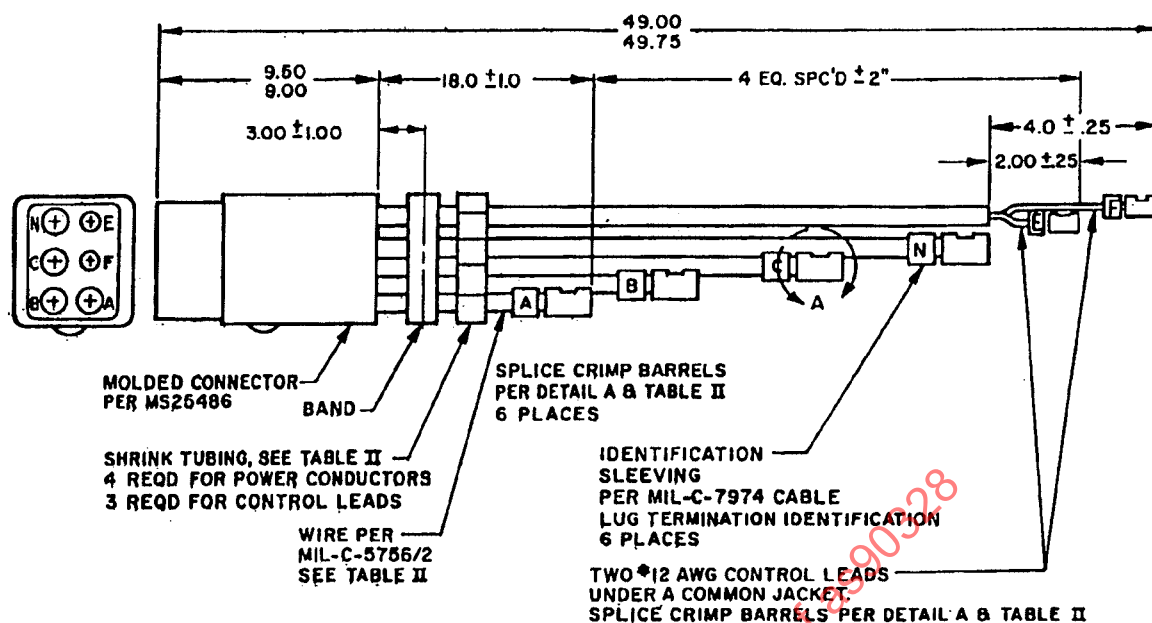


TABLE I. CABLE ASSEMBLY.

PART NO.	A,B,C,H WIRE SIZE	LUG TERMINALS		L FEET ±0.5	L METERS ±0.15	SUPERSEDES	TYPE
		WIRES A,B,C	WIRE H				
MS90328-13 MS90328-14 MS90328-15 MS90328-16 MS90328-17 MS90328-18	0	MS20659-118	MS20659-135	20 30 40 60 80 100	6.10 9.14 12.19 18.29 24.38 30.48	AN3430-3 & MS90328-1 & MS25486-4 AN3430-6 & MS90328-2 & MS25486-5 AN3430-4 & MS90328-3 & MS25486-6 AN3430-8 & MS90328-4 & MS25486-7 MS90328-9 & MS25486-6 MS90328-10 & MS25486-9	NO CONTROL LEADS
MS90328-19 MS90328-20 MS90328-21 MS90328-22 MS90328-23 MS90328-24	00	MS20659-120	MS20659-136	20 30 40 60 80 100	6.10 9.14 12.19 18.29 24.38 30.48	MS90328-5 & MS25486-10 MS90328-6 & MS25486-11 MS90328-7 & MS25486-12 MS90328-8 & MS25486-13 MS90328-11 & MS25486-14 MS90328-12 & MS25486-15	
MS90328-25 MS90328-26 MS90328-27 MS90328-28 MS90328-29 MS90328-30	0	MS20659-118	MS20659-135	20 30 40 60 80 100	6.10 9.14 12.19 18.29 24.38 30.48	AN3430-1A & MS25486-18 AN3430-5 & MS25486-19 AN3430-2A & MS25486-20 AN3430-7 & MS25486-21 MS25486-22 MS25486-23	WITH CONTROL LEADS
MS90328-31 MS90328-32 MS90328-33 MS90328-34 MS90328-35 MS90328-36	00	MS20659-120	MS20659-136	20 30 40 60 80 100	6.10 9.14 12.19 18.29 24.38 30.48	MS25486-24 MS25486-25 MS25486-26 MS25486-27 MS25486-28 MS25486-29	

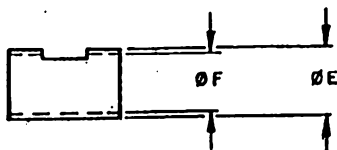
AS90328



SPLICE-ON REPLACEMENT PLUG

TABLE II.

PART NO.	A, B, C, N WIRE SIZE	SPLICE CRIMP BARRELS (SEE DETAIL A)		CONTROL LEAD SPLICE CRIMP BARRELS (SEE DETAIL A)		SHRINK TUBING, Ø x L (NOM)		TYPE
		Ø E	Ø F	Ø E	Ø F	A, B, C, N	CONTROL LEADS	
MS90328-37	0	.578/.558	.458/.438	.230/.210	.135/.128	1.25 x 6	.38 x 3-1/2 + .75 x 8	WITH CONTROL LEADS
MS90328-38	00	.640/.620	.520/.500	.230/.210	.135/.128	1.25 x 6	.38 x 3-1/2 + .75 x 8	WITH CONTROL LEADS
MS90328-39	0	.578/.558	.458/.438			1.25 x 6		NO CONTROL LEADS
MS90328-40	00	.640/.620	.520/.500			1.25 x 6		NO CONTROL LEADS



DETAIL A
SEE TABLE II