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**REV.
A**

SAE AS31071

FEDERAL SUPPLY CLASS
5935

RATIONALE

ALL CLASSES ON THIS STANDARD HAVE BEEN CANCELLED FOR USE, THERE ARE NO QPL SOURCES AND THERE HAS BEEN NO PROCUREMENT ACTIVITY FOR THIS PRODUCT, THEREFORE THE AE-8C1 COMMITTEE RECOMMENDATION IS TO CANCEL THIS STANDARD.

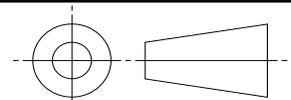
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-5015

SAE Aerospace
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AEROSPACE STANDARD

CONNECTOR PLUG, ELECTRIC,
QUICK DISCONNECT

SAE AS31071
SHEET 1 OF 4

**REV.
A**

ISSUED 2004-06 CANCELLED 2011-09

NOTICE

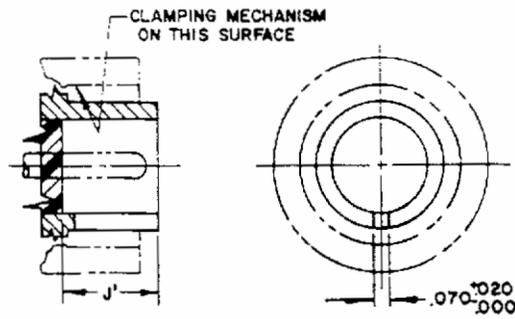
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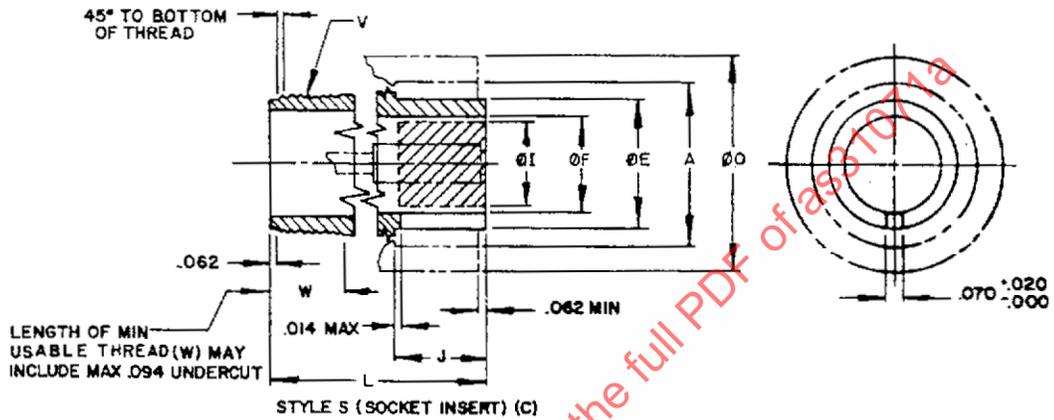
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 An SAE International Group	AEROSPACE STANDARD	SAE AS31071 SHEET 2 OF 4	REV. A
	CONNECTOR PLUG, ELECTRIC, QUICK DISCONNECT		



STYLE P (PIN INSERT)



STYLE S (SOCKET INSERT) (C)

SOLID SHELL (A) PLUG

DASH NO.	A CLAMP SIZE	E MIN .000 Ø OUTSIDE	F MIN .015 Ø INSIDE	Ø C MAX INSERT	Ø I MIN LENGTH ENGAGEMENT	Ø J MIN INSERT LOCATION	L MIN OVERALL LENGTH	Ø MIN Ø OUTSIDE	V THREAD	W MIN USABLE THREAD	FOR INSERT ARRANGEMENT SEE DRAWING
85	.500	.365	.250	.250			1.468	1.250	1/2-18		MIL-S10-1657
105	.625	.440	.325	.325			1.531	1.375			
105A		1.414	.440	.440	.531	.562			5/8-24		
125	.750	.555	.450	.448			1.608	1.500	7/8-20		
145	.875	.675	.525	.525				1.625	3/4-20		
165	1.000	.805	.651	.650				1.750	7/8-20		
12	.750	.555	.450	.448				1.500	5/8-24	.375	
14	.875	.675	.526	.525			2.062	1.625	3/4-20		
16	1.000	.805	.651	.650				1.750	7/8-20		
1F	1.125	.930	.776	.770				1.875	1-20		
20	1.250	1.050	.922	.925	.714	.750	2.188	2.000	1-3/16-18		
25	1.375	1.175	1.028	1.020				2.125			
34	1.500	1.300	1.151	1.145			2.312	2.250	1-7/16-16		
2P	1.750	1.570	1.370	1.365				2.500			