

REV.  
B

SAE AS85049/14

FEDERAL SUPPLY CLASS  
5935

RATIONALE

REVISED TO INCLUDE COMMENTS RECEIVED BY THE GOVERNMENT / INDUSTRY AND INCORPORATED THE AS85049/14A-A1 AMENDMENT. ALIGN SPECIFICATION WITH SAE GUIDELINES AND REVIEWED SPECIFICATION FOR KNOWN TECHNICAL ISSUES.

NOTICE

THE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF SAE AS85049.

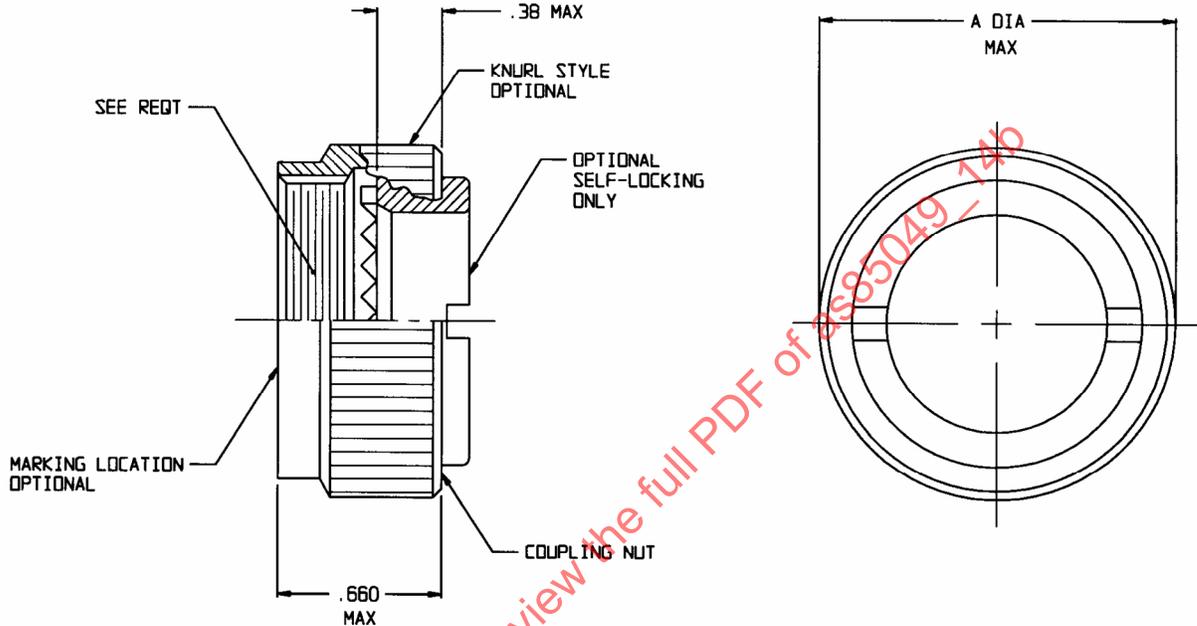
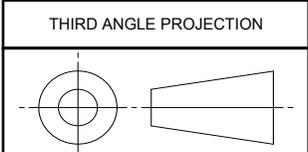


FIGURE 1 – DIMENSIONS AND CONFIGURATIONS NON SELF-LOCKING AND SELF-LOCKING

TABLE 1 – CONNECTOR SHELL SIZE AND DIMENSIONS

CONNECTOR SHELL SIZE	SHELL SIZE CODE (REF)	A MAX DIA
9	A	.858 (21.8)
11	B	.984 (25.0)
13	C	1.157 (29.29)
15	D	1.279 (32.49)
17	E	1.406 (35.71)
19	F	1.516 (38.50)
21	G	1.642 (41.71)
23	H	1.768 (44.91)
25	J	1.889 (47.98)

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85049/14B>



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION AS85049

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**  
(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, STRAIGHT, NON-SELF-LOCKING AND SELF-LOCKING, CATEGORY 3B  
(FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)

**SAE AS85049/14**  
SHEET 1 OF 3

**REV. B**

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ISSUED 2000-04 REAFFIRMED 2009-06 REVISED 2011-01

