

**AS39029/63**

**RATIONALE**

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

**NOTICE**

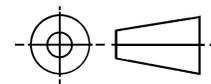
THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MIL-C-39029/63C AND CONTAINS ONLY MINOR EDITORIAL AND FORMAT CHANGES REQUIRED TO BRING IT INTO CONFORMANCE WITH THE PUBLISHING REQUIREMENTS OF SAE TECHNICAL STANDARDS. THE INITIAL RELEASE OF THIS DOCUMENT IS INTENDED TO REPLACE MIL-C-39029/63C. ANY PART NUMBERS ESTABLISHED BY THE ORIGINAL SPECIFICATION REMAIN UNCHANGED.

THE ORIGINAL MILITARY SPECIFICATION WAS ADOPTED AS AN SAE STANDARD UNDER THE PROVISIONS OF THE SAE TECHNICAL STANDARDS BOARD (TSB) RULES AND REGULATIONS (TSB 001) PERTAINING TO ACCELERATED ADOPTION OF GOVERNMENT SPECIFICATIONS AND STANDARDS. TSB RULES PROVIDE FOR (A) THE PUBLICATION OF PORTIONS OF UNREVISED GOVERNMENT SPECIFICATIONS AND STANDARDS WITHOUT CONSENSUS VOTING AT THE SAE COMMITTEE LEVEL, AND (B) THE USE OF THE EXISTING GOVERNMENT SPECIFICATION OR STANDARD FORMAT.

UNDER DEPARTMENT OF DEFENSE POLICIES AND PROCEDURES, ANY QUALIFICATION REQUIREMENTS AND ASSOCIATED QUALIFIED PRODUCTS LISTS ARE MANDATORY FOR DOD CONTRACTS. ANY REQUIREMENT RELATING TO QUALIFIED PRODUCTS LISTS (QPL'S) HAS NOT BEEN ADOPTED BY SAE AND IS NOT PART OF THIS SAE TECHNICAL DOCUMENT.

SAENORM.COM : Click to view the full PDF of AS39029/63

THIRD ANGLE PROJECTION



ISSUED 2000-07 REAFFIRMED 2006-10

PREPARED BY SAE SUBCOMMITTEE AE-8C1



**AEROSPACE STANDARD**

CONTACTS, ELECTRICAL CONNECTOR,  
SOCKET, CRIMP REMOVABLE  
(FOR MIL-C-24308 CONNECTORS)

**AS39029/63**  
SHEET 1 OF 4

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

AS39029/63

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION: MIL-C-39029.

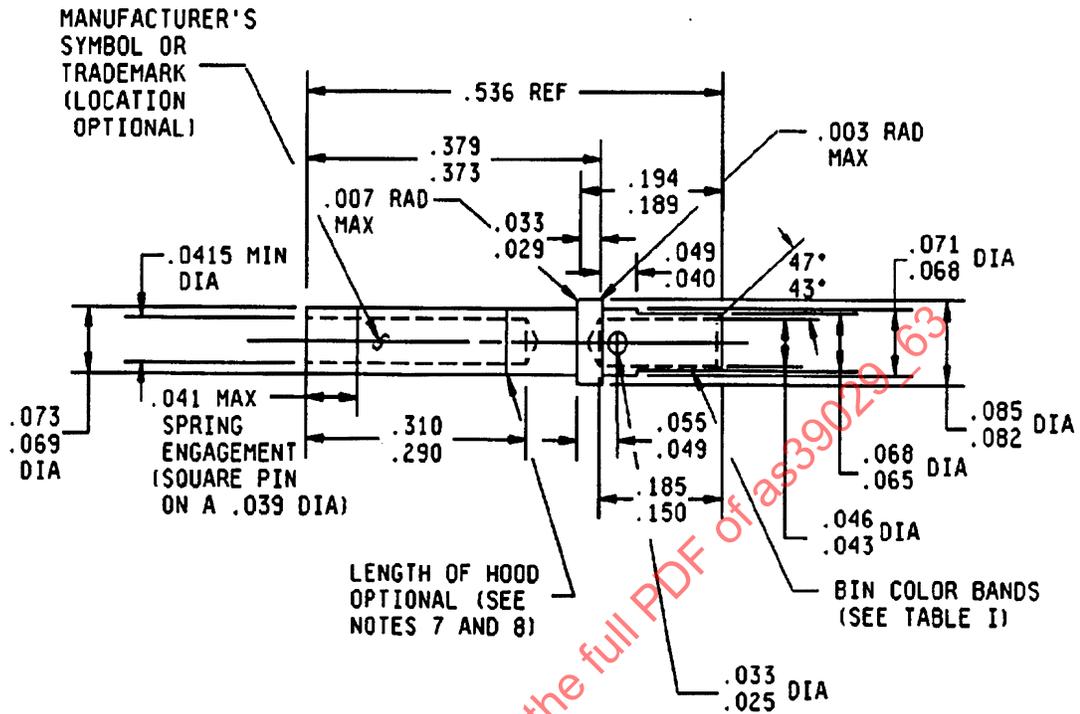
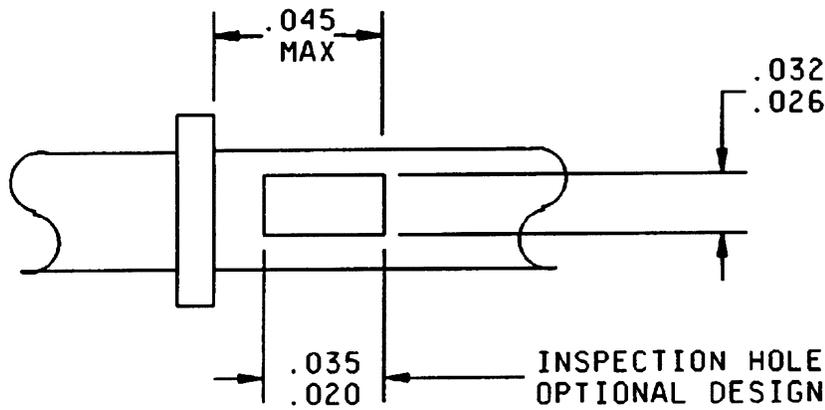


FIGURE 1. DIMENSIONS AND CONFIGURATION.

SAENORM.COM : Click to view the full PDF of as39029/63



Inches	mm	Inches	mm
.003	0.08	.055	1.40
.007	0.18	.068	1.73
.020	0.50	.069	1.75
.025	0.64	.071	1.80
.026	0.66	.073	1.85
.029	0.74	.082	2.08
.032	0.81	.085	2.16
.033	0.84	.150	3.81
.035	0.89	.185	4.70
.039	0.99	.189	4.80
.040	1.02	.194	4.93
.041	1.04	.290	7.37
.0415	1.054	.310	7.87
.043	1.09	.373	9.47
.045	1.14	.379	9.63
.046	1.17	.536	13.61
.049	1.24		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Dimensions are after plating.
4. Machined surfaces to have 63 or better per USASI B46.1 unless otherwise specified.
5. Remove all burrs and sharp edges .003 (0.08 mm) maximum unless otherwise specified.
6. All diameters to be concentric with each other within .004 (0.10 mm) TIR.
7. The mechanical pressure member shall be shrouded. Hoods, if used, shall conform to the requirements specified herein.
8. Maximum gap of .10 inch (2.54 mm) between hood and body of contact.
9. Patent notice. The Government has a royalty free license under the U.S. patents listed below for the benefit of manufacturers of the items disclosed and described herein, either for the Government or for use in equipment delivered to the Government.

## Patent numbers

3110093 expires November 12, 1980

3158424 expires November 24, 1981

10. Copyright notice. All information disclosed in this specification sheet which is or may be copyrighted by ITT Cannon Electric is reproduced herein with the express permission of the copyright owner.

FIGURE 1. DIMENSIONS AND CONFIGURATION - CONTINUED.