

AS39029/35

RATIONALE

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

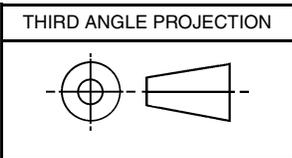
NOTICE

THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MIL-C-39029/35C 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-39029/35C. 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 as39029-35



ISSUED 2000-07 REAFFIRMED 2007-06

PREPARED BY SAE SUBCOMMITTEE AE-8C1



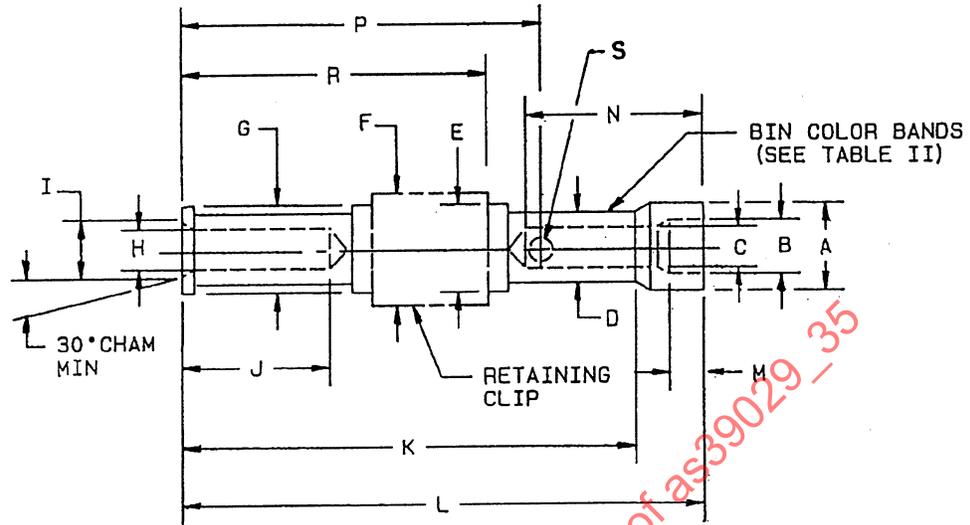
AEROSPACE STANDARD

CONTACTS, ELECTRICAL CONNECTOR,
SOCKET, CRIMP REMOVABLE
(FOR MIL-C-28748/4 AND MIL-C-28748/14 CONNECTORS)

AS39029/35
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.

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.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Dimensions shown apply after plating.
4. Wall thickness of any part of contact shall be not less than .010 (0.25 mm).

FIGURE 1. DIMENSIONS AND CONFIGURATIONS.

TABLE I. DIMENSIONS.

BIN code	A Dia	B Dia	C Dia	D Dia	E Dia	F Dia	G Dia	H Dia	I Dia	J	K	L	M	N	P	R	S Dia 1/
274	.121 (3.07)	.070 (1.78)	.048 (1.22)	.079 (2.01)	.119 (3.02)	.135 (3.43)	.101 (2.57)	.0415 (1.054)	.096 (2.44)	.312 (7.92)	.695 (17.65)	.771 (19.58)	.075 (1.90)	.265 (6.73)	.545 (13.84)	.510 (12.95)	.034 (.86)
	.119 (3.02)	.067 (1.70)	.044 (1.12)	.076 (1.93)	max	max	max		.090 (2.29)	.282 (7.16)	.675 (17.14)	.757 (19.23)	.055 (1.40)	.245 (6.22)	.525 (13.34)	.490 (12.45)	.028 (.71)
	.121 (3.07)	.070 (1.78)	.048 (1.22)	.079 (2.01)	.119 (3.02)	.135 (3.43)	.101 (2.57)	.064 (1.63)	.096 (2.44)	.312 (7.92)	.695 (17.65)	.771 (19.58)	.075 (1.90)	.265 (6.73)	.545 (13.84)	.510 (12.95)	.034 (.86)
275	.119 (3.02)	.067 (1.70)	.044 (1.12)	.076 (1.93)	max	max	max		.090 (2.29)	.282 (7.16)	.675 (17.14)	.757 (19.23)	.055 (1.40)	.245 (6.22)	.525 (13.34)	.490 (12.45)	.028 (.71)
	.121 (3.07)	.070 (1.78)	.048 (1.22)	.079 (2.01)	.119 (3.02)	.135 (3.43)	.101 (2.57)	.064 (1.63)	.096 (2.44)	.312 (7.92)	.695 (17.65)	.771 (19.58)	.075 (1.90)	.265 (6.73)	.545 (13.84)	.510 (12.95)	.034 (.86)
	.119 (3.02)	.067 (1.70)	.044 (1.12)	.076 (1.93)	max	max	max		.090 (2.29)	.282 (7.16)	.675 (17.14)	.757 (19.23)	.055 (1.40)	.245 (6.22)	.525 (13.34)	.490 (12.45)	.028 (.71)
276	.121 (3.07)	.070 (1.78)	.048 (1.22)	.079 (2.01)	.119 (3.02)	.135 (3.43)	.101 (2.57)	.064 (1.63)	.096 (2.44)	.312 (7.92)	.695 (17.65)	.771 (19.58)	.075 (1.90)	.265 (6.73)	.545 (13.84)	.510 (12.95)	.034 (.86)
	.119 (3.02)	.067 (1.70)	.044 (1.12)	.076 (1.93)	max	max	max		.090 (2.29)	.282 (7.16)	.675 (17.14)	.757 (19.23)	.055 (1.40)	.245 (6.22)	.525 (13.34)	.490 (12.45)	.028 (.71)
	.121 (3.07)	.070 (1.78)	.048 (1.22)	.079 (2.01)	.119 (3.02)	.135 (3.43)	.101 (2.57)	.064 (1.63)	.096 (2.44)	.312 (7.92)	.695 (17.65)	.771 (19.58)	.075 (1.90)	.265 (6.73)	.545 (13.84)	.510 (12.95)	.034 (.86)
441	.007 (1.96)	.057 (1.45)	.037 (0.94)	.070 (1.78)	.077 (1.96)	.078 (1.98)	.061 (1.55)	.032 (.81)	.050 (1.27)	.195 (4.95)	.426 (10.82)	.464 (11.79)	.045 (1.14)	.145 (3.68)	.350 (8.89)	.288 (7.32)	.023 (.58)
	.074 (1.88)	.054 (1.37)	.034 (0.86)	.067 (1.70)	.074 (1.88)	max	max		.044 (1.12)	.175 (4.44)	.406 (10.31)	.444 (11.28)	.025 (.64)	.125 (3.18)	.330 (8.38)	.268 (6.81)	.017 (.43)
	.007 (1.96)	.057 (1.45)	.037 (0.94)	.070 (1.78)	.077 (1.96)	.078 (1.98)	.061 (1.55)	.032 (.81)	.050 (1.27)	.195 (4.95)	.426 (10.82)	.464 (11.79)	.045 (1.14)	.145 (3.68)	.350 (8.89)	.288 (7.32)	.023 (.58)

1/ Hole - one wall locate on axial C_L within $\pm .008$ (.20 mm).