

REV.
B

SAE AS39029/35

FEDERAL SUPPLY CLASS
5999

RATIONALE

REVISE TO INCORPORATE THE OUTSTANDING AMENDMENT AS REQUIRED BY SAE GUIDELINES AND UPDATE
FORMAT, FIGURES AND TABLES.

NOTICE

THE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS
SPECIFICATION SHEET AND THE LATEST ISSUE OF SAE AS39029.

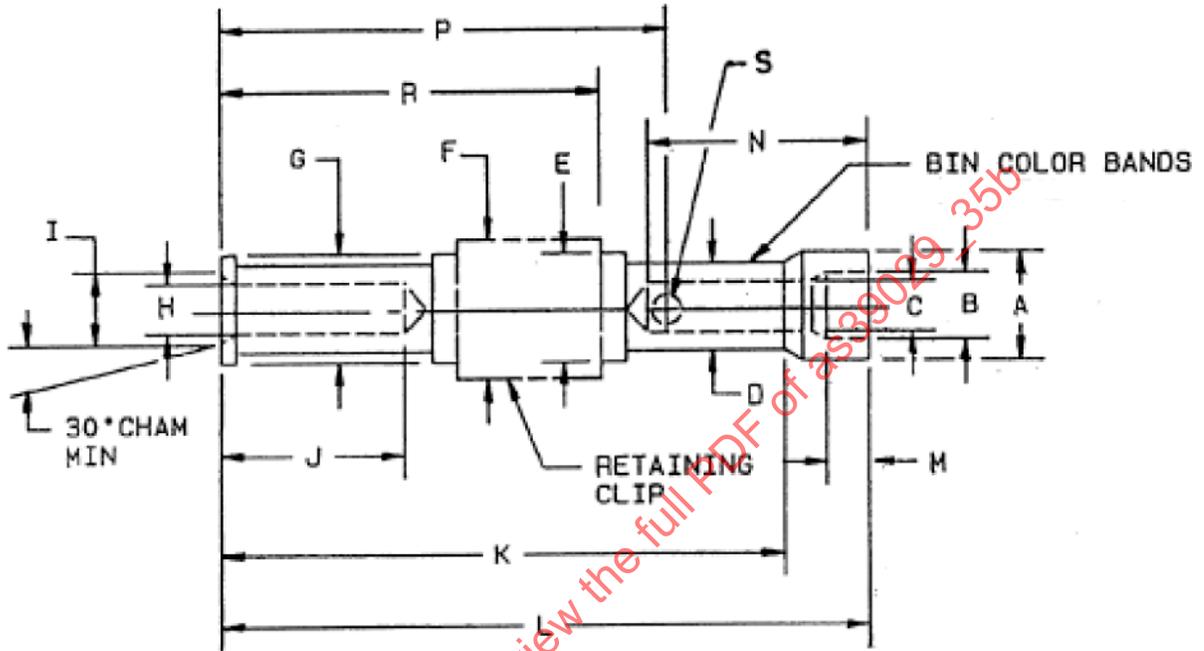
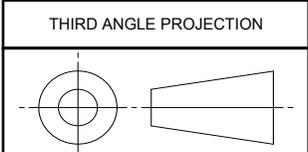


FIGURE 1- AS39029/35 SOCKET CONTACT

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CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS39029

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD
(R) CONTACTS, ELECTRICAL CONNECTOR,
SOCKET, CRIMP REMOVABLE (FOR MIL-DTL-28748/3
AND MIL-DTL-28748/13 CONNECTORS)

SAE AS39029/35
SHEET 1 OF 3

REV. B

ISSUED 2000-07 REAFFIRMED 2007-06 REVISED 2010-12

TABLE 1A - CONTACT DIMENSIONS

BIN CODE	A DIA	B DIA	C DIA	D DIA	E DIA	F DIA	G DIA MAX	H DIA MIN
274	.121 .119	.070	.048	.079	.119 MAX	.135 MAX	.101	.0415
275		.067	.044	.076				.064
276		.095 .092	.070 .066	.112 .109				
441	.077 .074	.057 .054	.037 .034	.070 .067	.077 .074	.078 MAX	.061	.032

TABLE 1B - CONTACT DIMENSIONS (CONTINUED)

BIN CODE	I	J	K	L	M	N	P	R	S DIA 1/
274	.096 .090	.312 .282	.695 .675	.771 .757	.075 .055	.265 .245	.545 .525	.510 .490	.034 .028
275									
276									
441	.050 .044	.195 .175	.426 .406	.464 .444	.045 .025	.145 .125	.350 .330	.288 .268	.023 .017

1/ HOLE - ONE WALL LOCATED ON C AXIS WITHIN \pm .008 INCHES.

TABLE 2 - MARKING AND DESIGN CHARACTERISTICS

BIN CODE	COLOR BANDS			MATING END SIZE	WIRE BARREL SIZE	TYPE	CLASS
	1 ST	2 ND	3 RD				
274	RED	VIOLET	YELLOW	20	20	A	A
275	RED	VIOLET	GREEN	16	20		
276	RED	VIOLET	BLUE	16	16		
441	YELLOW	YELLOW	BROWN	22	22		

TABLE 3 - TOOL REQUIREMENTS

BIN CODE	BASIC CRIMPING TOOL	POSITIONER	INSTALLING TOOL	REMOVAL TOOL
274	M22520/1-01	M22520/1-03 RED	M81969/18-01	M81969/20-01
275	M22520/1-01	M22520/1-03 BLUE	M81969/18-01	M81969/20-01
276	M22520/1-01	M22520/1-03 BLUE	M81969/18-01	M81969/20-01
441	M22520/2-01	K280 1/ OR 640092 2/ OR EQUIVALENT	M81969/18-02	M81969/20-02

1/ DANIELS MANUFACTURING CORPORATION PART NUMBER

2/ ASTRO TOOL CORPORATION PART NUMBER