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REV.
C

AS39029™/35

FEDERAL SUPPLY CLASS
5999

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO REPLACE THE TABLE 3 POSITIONER COMMERCIAL PART NUMBER REFERENCES FOR BIN CODE 441 WITH THE APPLICABLE M22520/2-41 TOOL PART NUMBER AND TO DELETE THE COMMERCIAL NUMBER FOOTNOTES.

NOTICE

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

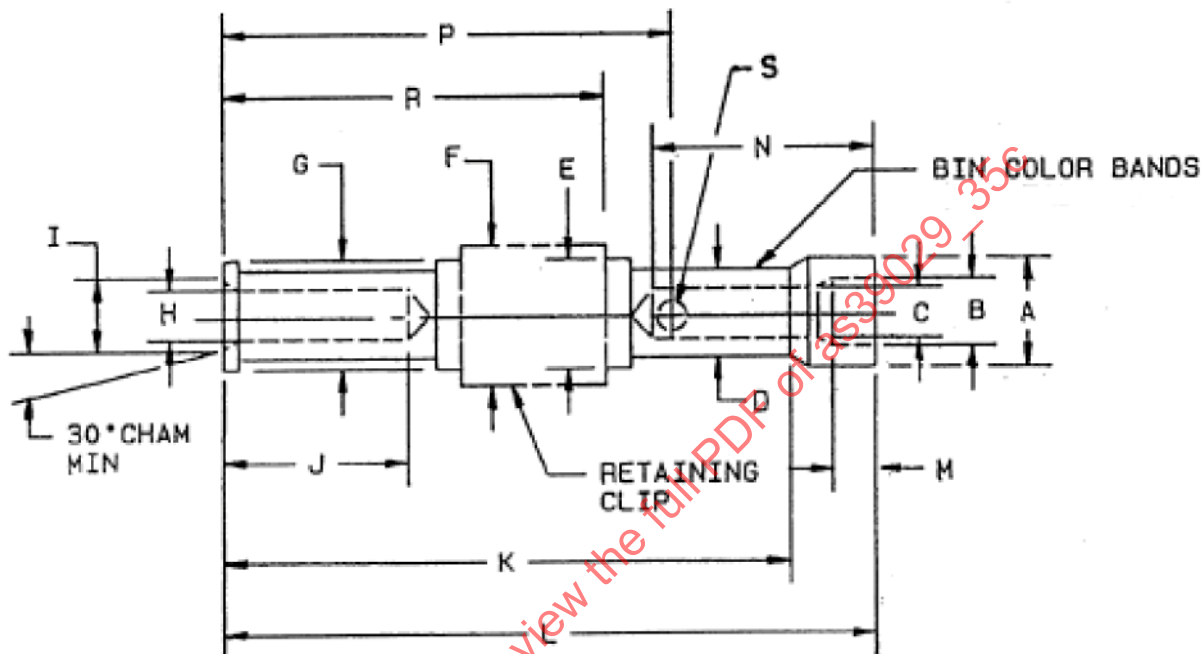
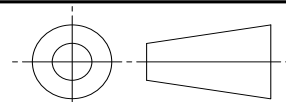


FIGURE 1- AS39029/35 SOCKET CONTACT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS39029/35C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS39029



AEROSPACE STANDARD

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

AS39029™/35
SHEET 1 OF 3

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ISSUED 2000-07 REAFFIRMED 2016-01 REVISED 2021-01

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 .067	.048 .044	.079 .076	.119 MAX	.135 MAX	.101	.0415
275								.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 ± 0.008 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	M22520/2-41	M81969/18-02	M81969/20-02



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SHEET 2 OF 3

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