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REV.
C

AS39029™/34

FEDERAL SUPPLY CLASS
5999

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO REPLACE THE TABLE 3 POSITIONER COMMERCIAL PART NUMBER REFERENCES FOR BIN CODE 440 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.

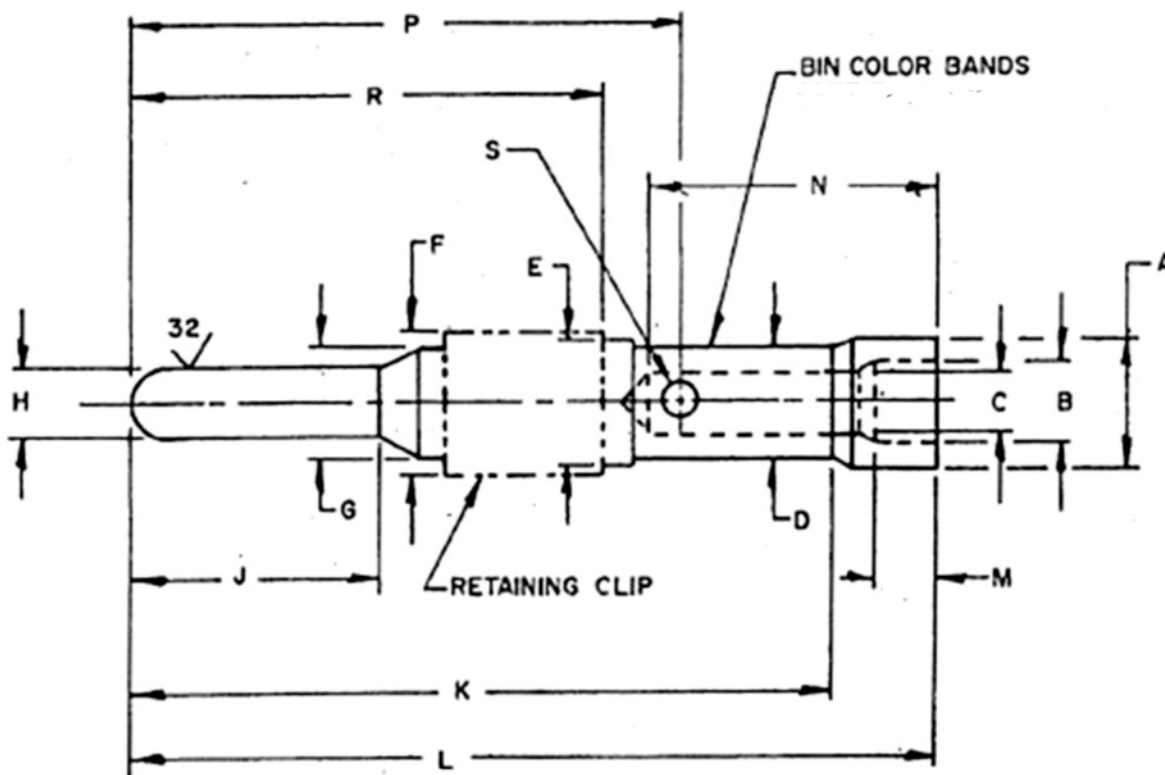
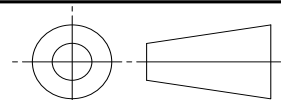


FIGURE 1- AS39029/34 PIN CONTACT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS39029/34C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS39029



AEROSPACE STANDARD

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

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TABLE 1A - CONTACT DIMENSIONS

BIN CODE	A DIA	B DIA	C DIA	D DIA	E DIA	F DIA	G DIA	H DIA
271	.121 .119	.070 .067	.048 .044	.079 .076	.119 MAX	.135 MAX	.101 .099	.041 .039
272		.095 .092	.070 .066	.112 .109				.0635 .0615
273								
440	.077 .074	.057 .054	.037 .034	.070 .067	.077 .074	.078 MAX	.061 .058	.031 .029

TABLE 1B - CONTACT DIMENSIONS (CONTINUED)

BIN CODE	J	K	L	M	N	P	R	S DIA 1/
271	.319 .299	.695 .675	.771 .757	.075 .055	.265 .245	.545 .525	.510 .490	.034 .028
272								
273								
440	.175 .155	.587 .567	.625 .605	.045 .025	.145 .125	.510 .490	.450 .430	.023 .017

1/ HOLE - ONE WALL LOCATED ON C AXIS WITHIN ±.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				
271	RED	VIOLET	BROWN	20	20	A	A
272	RED	VIOLET	RED	16	20		
273	RED	VIOLET	ORANGE	16	16		
440	YELLOW	YELLOW	BLACK	22	22		

TABLE 3 - TOOL REQUIREMENTS

BIN CODE	BASIC CRIMPING TOOL	POSITIONER	INSTALLING TOOL	REMOVAL TOOL
271	M22520/1-01	M22520/1-03 RED	M81969/18-01	M81969/20-01
272	M22520/1-01	M22520/1-03 BLUE	M81969/18-01	M81969/20-01
273	M22520/1-01	M22520/1-03 BLUE	M81969/18-01	M81969/20-01
440	M22520/2-01	M22520/2-41	M81969/18-02	M81969/20-02



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