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REV.
B

AS39029™/83

FEDERAL SUPPLY CLASS
5999

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO CORRECT THE DOCUMENT FEDERAL SUPPLY CLASS (FSC) NUMBER; IT SHOULD BE 5999 RATHER THAN 5935.

NOTICE

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

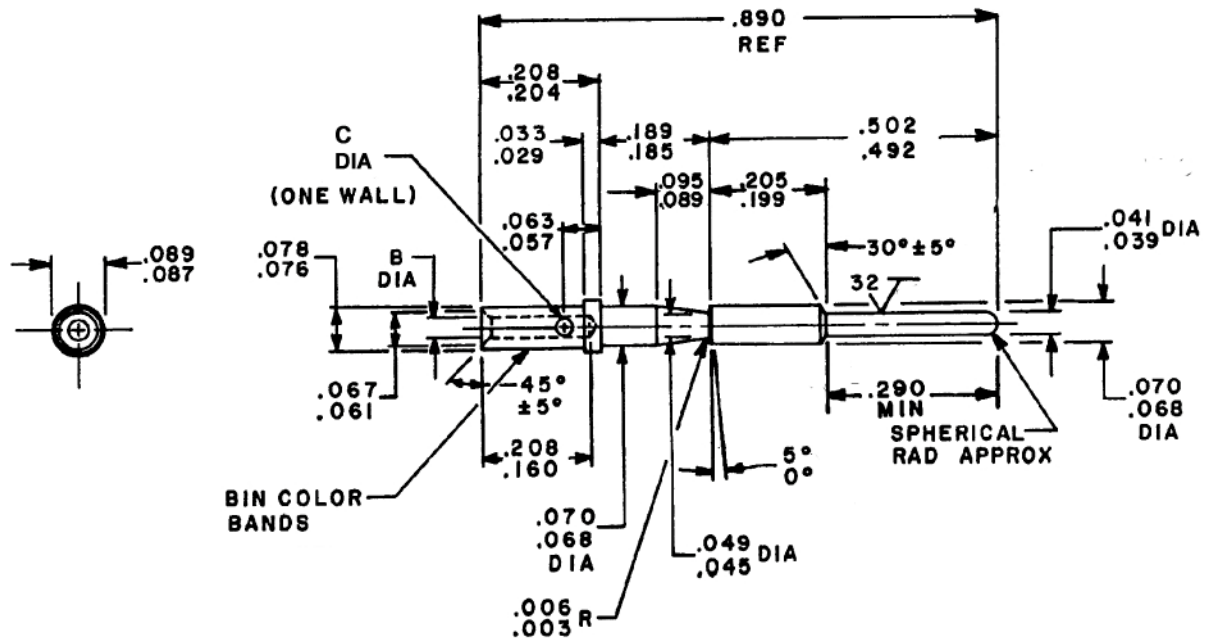
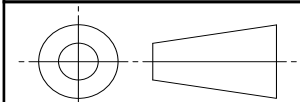


FIGURE 1 - DIMENSIONS AND CONFIGURATION

For more information on this standard, visit
<https://www.sae.org/standards/content/AS39029/83B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS39029



AEROSPACE STANDARD

CONTACTS, ELECTRICAL CONNECTOR,
PIN, CRIMP REMOVABLE
(FOR MIL-DTL-28840 CONNECTORS)

AS39029™/83
SHEET 1 OF 4

REV.
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Documents

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TABLE 1 - DESIGN CHARACTERISTICS

BIN CODE	B DIA	COLOR BANDS			MATING END SIZE	WIRE BARREL SIZE	TYPE	CLASS	C DIA 1/
		1ST	2ND	3RD					
508	.050 (.127) .048 (.122)	GREEN	BLACK	GRAY	20	20	A	B	.032 (.813) .026 (.660)
450	.0355 (.902) .0335 (.851)	YELLOW	GREEN	BLACK	20	22	A	B	.032 (.813) .026 (.660)
451	.0200 (.508) .0180 (.457)	YELLOW	GREEN	BROWN	20	28	A	B	.022 (.559) .018 (.457)

1/ HOLE – ONE WALL.

TABLE 2 - TOOLS

BIN CODE	BASIC CRIMPING TOOL	POSITIONER	INSTALLING TOOL	REMOVAL TOOL
508	M22520/34-01	M22520/34-02	M81969/33-01	M81969/34-01
450	M22520/34-01	M22520/34-02	M81969/33-01	M81969/34-01
451	M22520/34-01	M22520/34-02	M81969/33-01	M81969/34-01

TABLE 3 - PART NUMBER AND BIN CODE

PART NUMBER	BIN CODE	SUPERSEDED PART NUMBER
M39029/83-508	508	-----
M39029/83-450	450	M39029/83-20-22
M39029/83-451	451	M39029/83-20-28

TABLE 4 - LOW SIGNAL LEVEL CONTACT RESISTANCE (TYPE A)

MATING END SIZE	WIRE BARREL SIZE	WIRE SIZE	MAXIMUM CONTACT RESISTANCE (MILLIOHMS)	
			INITIAL	AFTER CONDITIONING
20	20	20	9	11
		24	20	23
20	22	22	15	17
		26	31	38
20	28	28	50	60
		30	75	88

	AEROSPACE STANDARD	AS39029™/83 SHEET 2 OF 4	REV. B 
	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE (FOR MIL-DTL-28840 CONNECTORS)		



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