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AS39029/70

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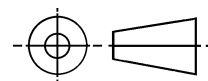
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THIRD ANGLE PROJECTION



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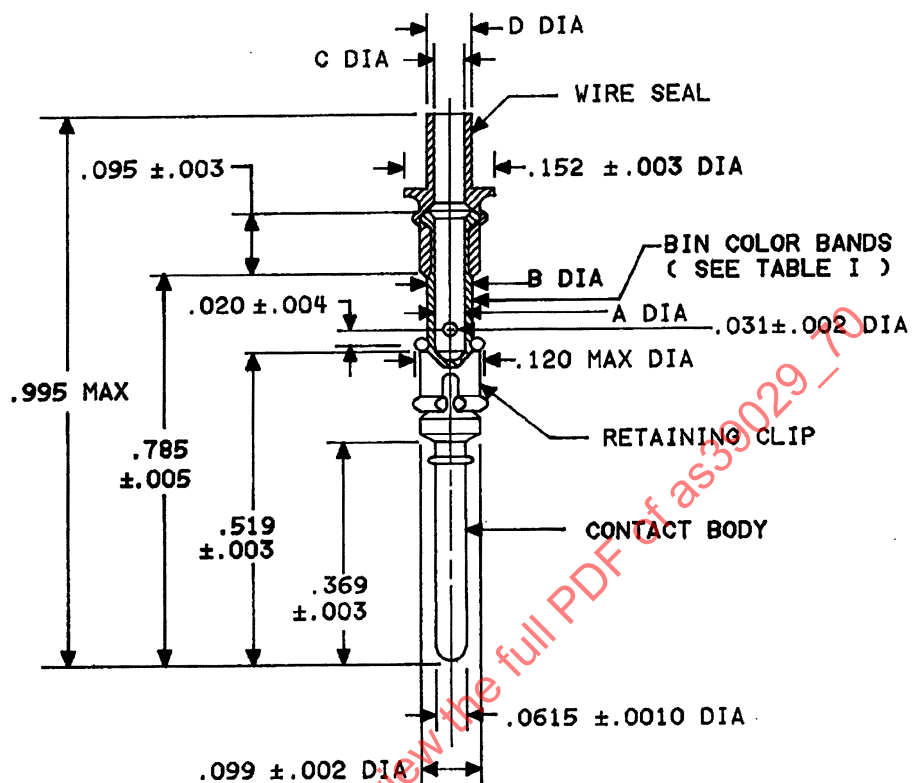
AEROSPACE STANDARD

CONNECTOR CONTACT, ELECTRICAL
PIN, CRIMP REMOVABLE,
FOR MIL-C-85028(AS) CONNECTORS

AS39029/70
SHEET 1 OF 4

THE COMPLETE REQUIREMENTS FOR PROCURING THE CONTACTS DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF MIL-C-39029.

AS39029/70



A DIA	B DIA	C DIA	D DIA
$\pm .002$	$\pm .002$	$\pm .002$	$\pm .002$
.032	.063	.027	.055
.046	.077	.046	.070
.063	.097	.062	.086

FIGURE 1. CONNECTOR CONTACT.

INCHES	MM	INCHES	MM
.0005	.01	.063	1.60
.002	.05	.070	1.78
.003	.08	.077	1.96
.004	.10	.080	2.03
.005	.13	.086	2.18
.020	.51	.090	2.29
.027	.69	.095	2.41
.031	.79	.097	2.46
.032	.81	.100	2.54
.035	.89	.119	3.02
.046	1.17	.152	3.86
.050	1.27	.369	9.37
.055	1.40	.519	13.18
.060	1.52	.785	19.94
.0615	1.56	.995	25.27
.062	1.58		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. All diameters to be concentric with each other within .004 (.10 mm) TIR.
4. Dimensions shown apply after plating.

FIGURE 1. CONNECTOR CONTACT - CONTINUED.

REQUIREMENTS:

Design and construction:

Dimensions and configuration: See figure 1 and table I.

Tools: See table II.

Mating contacts: MIL-C-39029/69(AS).

Vibration: Method 2005 of MIL-STD-1244, test condition IV.

Shock (specified pulse): Method 2004 of MIL-STD-1344, test condition A.

Part number: See table III.

QPL evaluating activity: Naval Avionics Center, Code D-914, Indianapolis, Indiana 46218.

TABLE I. DESIGN CHARACTERISTICS.

BIN code	Color bands			Mating end size	Wire barrel size	Wire range	Wire seal color	Insulation OD range	Type	Class
	1st	2nd	3rd							
387	orange	gray	violet	16	24	24-28	Red	.041D to .055D	A	1/
388	orange	gray	gray	16	20	20-24	Lavender	.051D to .070D	A	
389	orange	gray	white	16	16	16-20	Brown	.066D to .087D	A	

1/ Maximum operating temperature 150° +3°, -0°C.