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REV. A
AS39029/98

FEDERAL SUPPLY CLASS
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RATIONALE

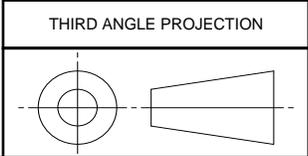
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CUSTODIAN: AE-8/AE-8C1

	AEROSPACE STANDARD	AS39029/98	REV. A
	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, COAXIAL, SIZE 1 (FOR DOD-C-83527 CONNECTORS)		

ISSUED 2000-07 REAFFIRMED 2006-08 STABILIZED 2013-12

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	AEROSPACE STANDARD	AS39029/98 SHEET 1 OF 4	REV. A
	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, COAXIAL, SIZE 1 (FOR DOD-C-83527 CONNECTORS)		

THE REQUIREMENTS FOR ACQUIRING THE CONTACTS DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF MIL-C-39029.

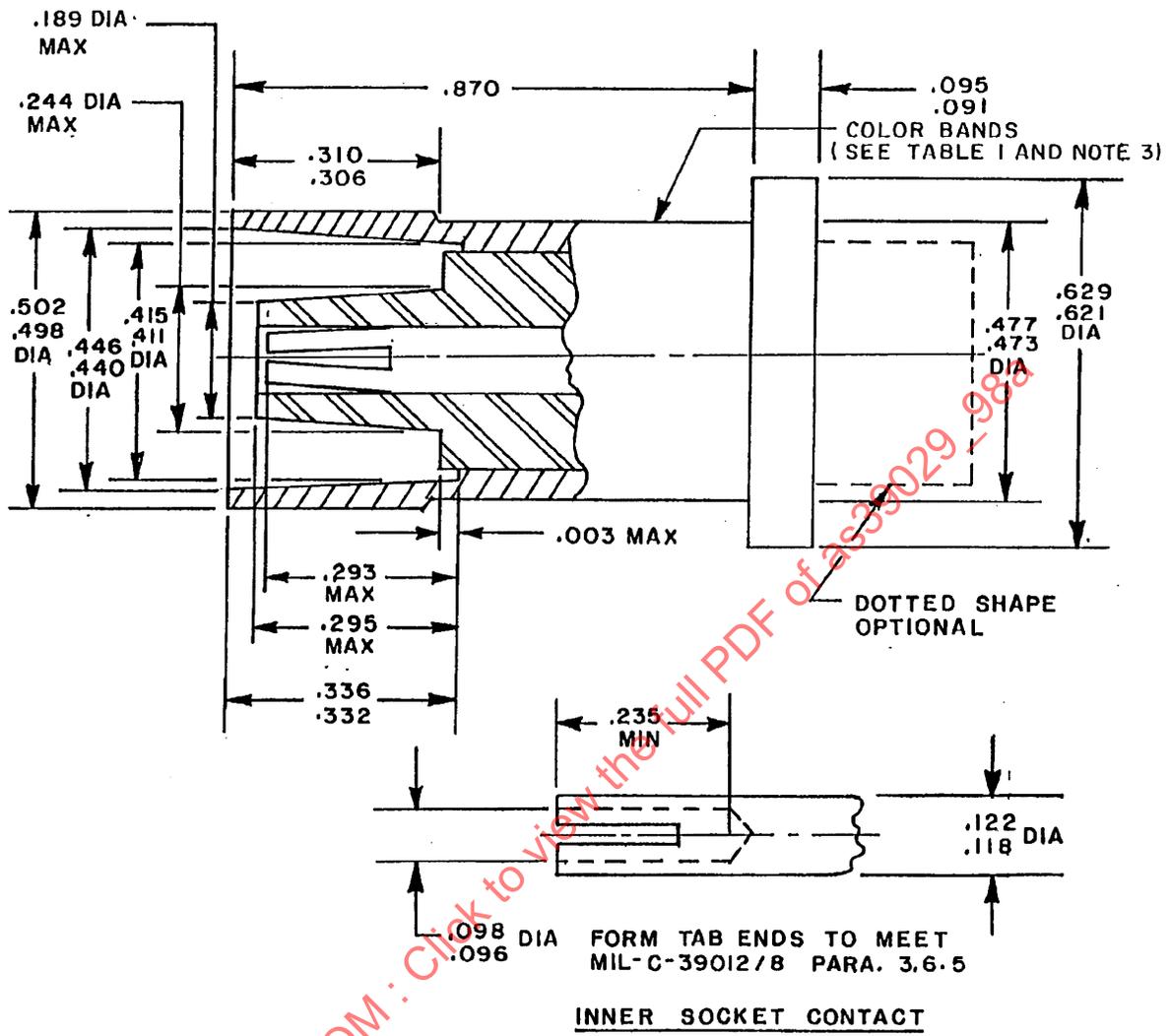


FIGURE 1. SOCKET CONTACTS.

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	AEROSPACE STANDARD	AS39029/98 SHEET 2 OF 4	REV. A
	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, COAXIAL, SIZE 1 (FOR DOD-C-83527 CONNECTORS)		

Inches	mm	Inches	mm
.003	0.08	.336	8.53
.091	2.31	.389	9.88
.095	2.41	.411	10.44
.098	2.49	.415	10.54
.118	3.00	.440	11.18
.122	3.10	.446	11.33
.235	5.97	.473	12.01
.244	6.20	.477	12.12
.293	7.44	.498	12.65
.295	7.49	.502	12.75
.306	7.77	.621	15.77
.310	7.87	.629	15.98
.332	8.43	.870	22.10

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. See MIL-C-39029 for option.

FIGURE 1. SOCKET CONTACTS - CONTINUED.

REQUIREMENTS:

Dimensions and configuration: See figure 1 and table I.

Mating contact: MIL-C-39029/97A.

Materials:

Body: Brass, half-hard or copper-beryllium.

Insulator: MIL-P-19468.

Crimp ferrule: Copper, annealed.

Gasket: Silicone rubber.

Plating: Gold as required for MIL-C-39029, type D contacts.

Performance:

Temperature range: -65°C to +165°C.

Impedance: 50 ohms nominal.

VSWR: 1.70:1 maximum.

Frequency range: 0 to 5 GHz.

Insertion loss: 0.3 dB.

Contact resistance:

Outer contact: 0.2 milliohm maximum.

Inner contact: 1.0 milliohm maximum.

Rated voltage: 1,000 V rms at sea level.

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