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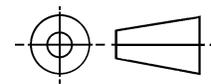
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THIRD ANGLE PROJECTION



ISSUED 2000-07

PREPARED BY SAE SUBCOMMITTEE AE-8C1



AEROSPACE STANDARD

CONTACTS, ELECTRICAL CONNECTOR, SOCKET,
CRIMP REMOVABLE, COAXIAL, SIZE 5
(FOR DOD-C-83527 CONNECTORS)

AS39029/100
SHEET 1 OF 4

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

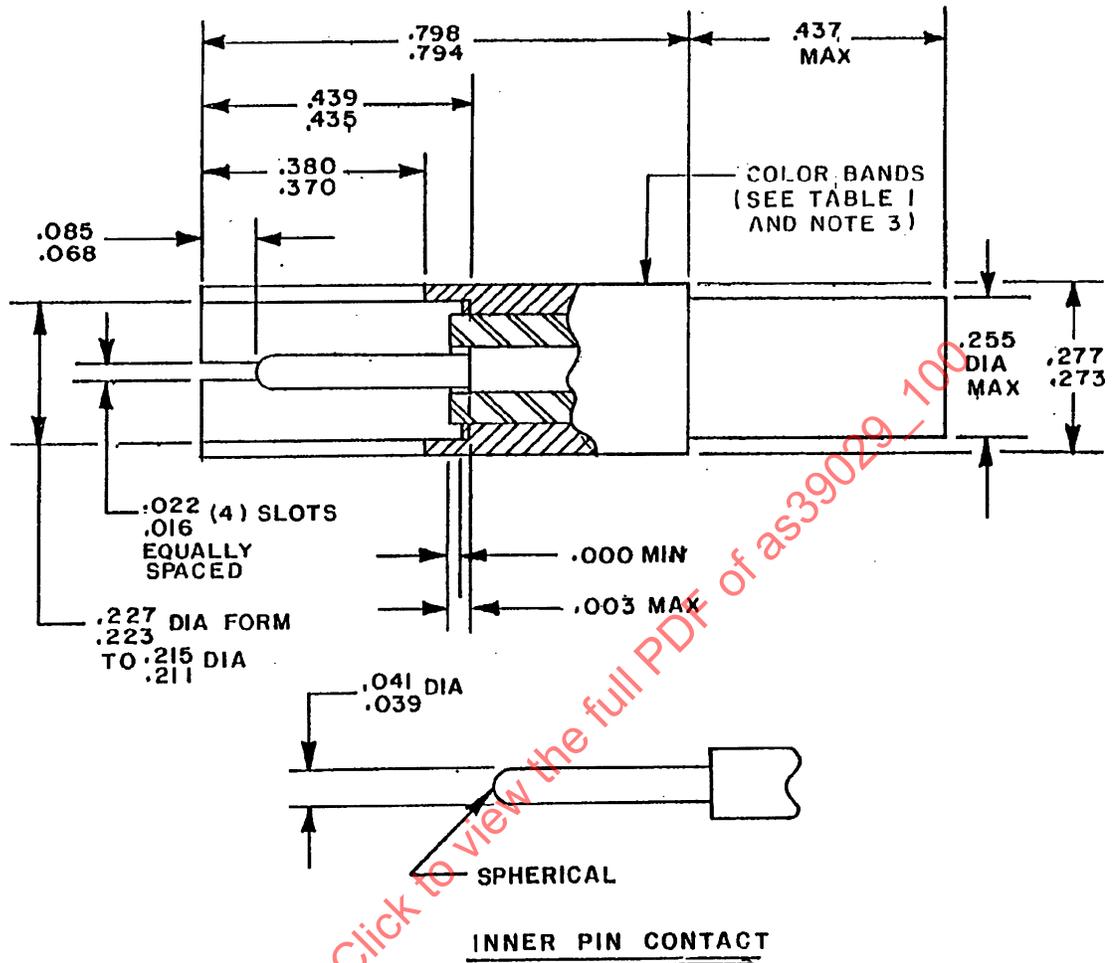


FIGURE 1. SOCKET CONTACTS.

Inches	mm	Inches	mm
.000	0.00	.227	5.77
.003	0.08	.255	6.48
.016	0.41	.273	6.93
.022	0.56	.277	7.04
.039	0.99	.370	9.40
.041	1.04	.380	9.65
.068	1.73	.435	11.05
.085	2.16	.437	11.10
.211	5.36	.439	11.15
.223	5.66	.794	20.17
		.798	20.27

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-39029/99A.

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: 1.30:1 maximum.

Frequency range: 0 to 500 MHz.

Insertion loss: 0.3 dB.

Contact resistance:

Outer contact: 1.5 milliohms maximum.

Inner contact: 10.0 milliohms maximum.

Rated voltage: 325 V rms at sea level.