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REV.
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SAE AS39029/99

FEDERAL SUPPLY CLASS
5935

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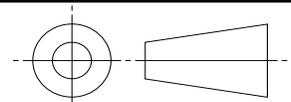
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS39029/99
SHEET 1 OF 5

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ISSUED 2000-07 REAFFIRMED 2006-08 CANCELLED 2011-08

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	CONTACTS, ELECTRICAL CONNECTOR, PIN CRIMP REMOVABLE, COAXIAL, SIZE 5 (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.

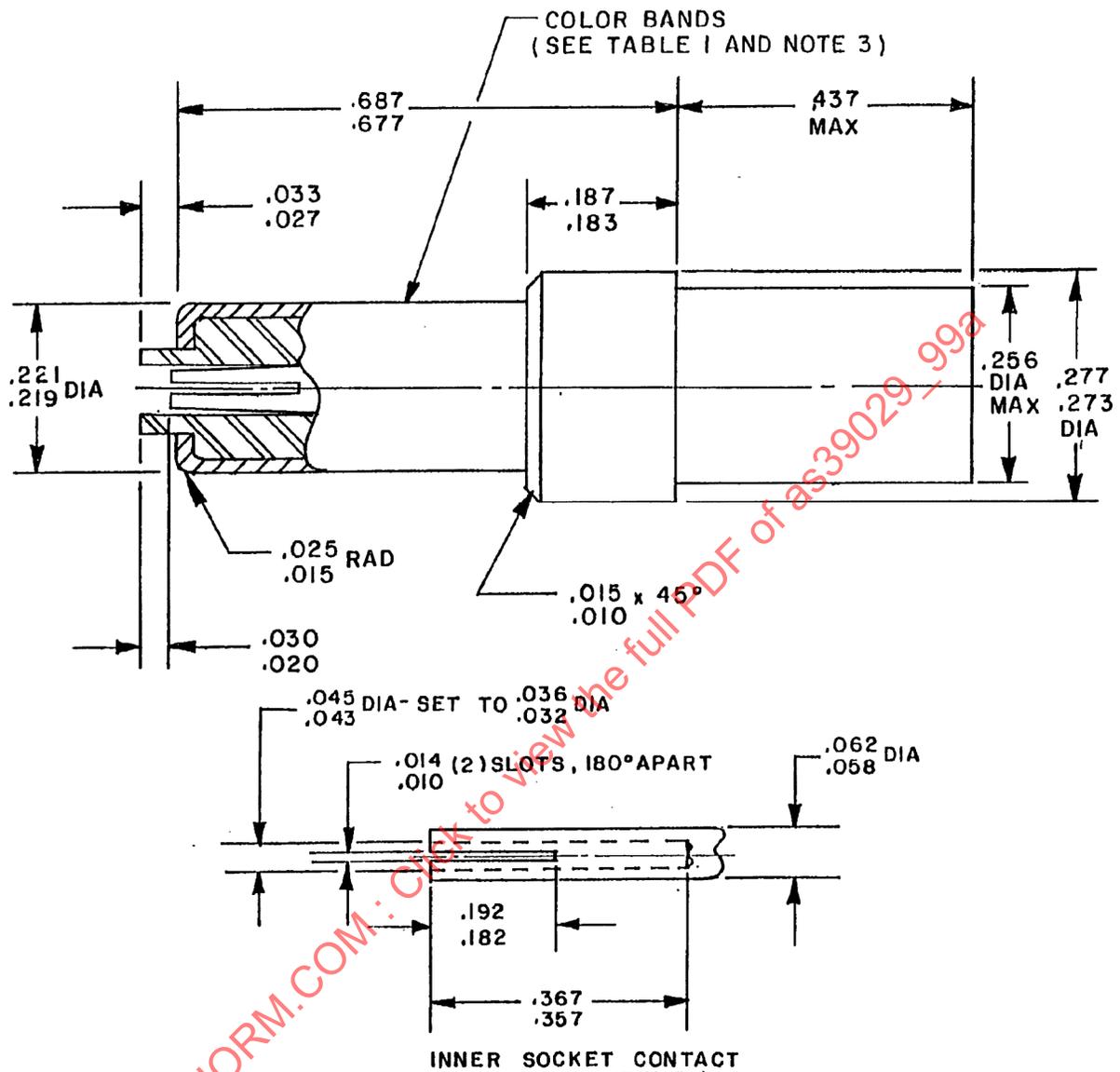


FIGURE 1. PIN CONTACTS.

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Inches	mm	Inches	mm
.010	0.25	.182	4.62
.014	0.36	.183	4.65
.015	0.38	.187	4.75
.020	0.51	.192	4.88
.025	0.64	.219	5.56
.027	0.69	.221	5.61
.030	0.76	.256	6.50
.032	0.81	.273	6.93
.033	0.84	.277	7.04
.036	0.91	.357	9.07
.043	1.09	.367	9.32
.045	1.14	.437	11.10
.058	1.47	.677	17.20
.062	1.57	.687	17.45

NOTES:

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

FIGURE 1. PIN CONTACTS - CONTINUED.

REQUIREMENTS:

Dimensions and configuration: See figure 1 and table I.

Mating contact: MIL-C-39029/100A.

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.

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