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AS39029/24

FEDERAL SUPPLY CLASS
5935

RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

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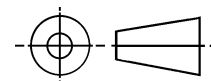
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THIRD ANGLE PROJECTION



ISSUED 2000-06 REAFFIRMED 2007-06

PREPARED BY SAE SUBCOMMITTEE AE-8C1

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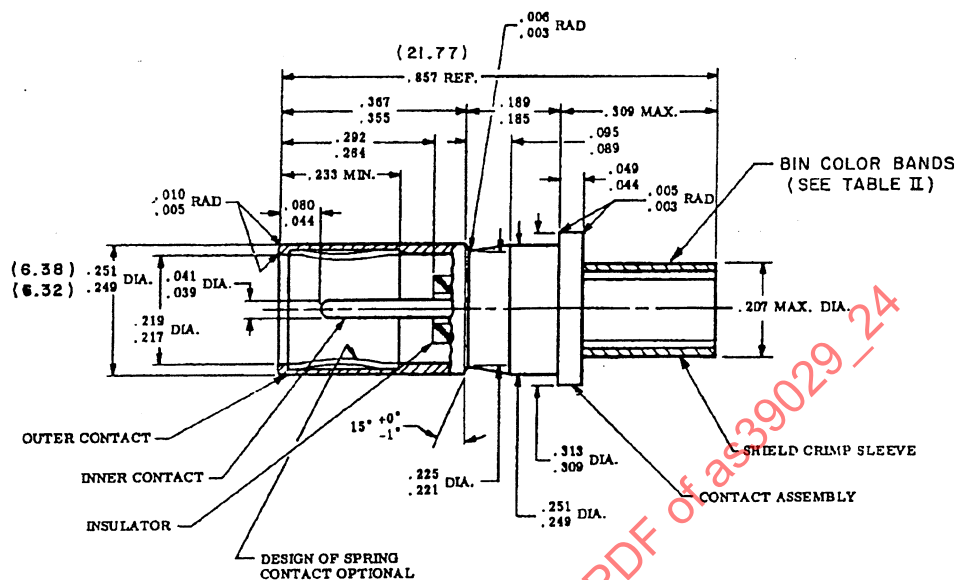
AEROSPACE STANDARD

CONTACTS, ELECTRICAL CONNECTOR,
SOCKET, CRIMP REMOVABLE, SHIELDED,
(FOR MIL-C-26482 SERIES 1 CONNECTORS)

AS39029/24
SHEET 1 OF 3

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

MIL-C-39029/24B, DATED 25 APRIL 1980, HAS BEEN REVIEWED AND DETERMINED TO BE VALID FOR USE IN ACQUISITION.



INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.003	.08	.068	1.73	.110	2.79	.225	5.72
.004	.10	.078	1.98	.116	2.95	.233	5.92
.005	.13	.080	2.03	.132	3.35	.249	6.32
.006	.15	.089	2.26	.170	4.32	.251	6.38
.0063	.160	.090	2.29	.185	4.70	.264	6.71
.0067	.170	.095	2.41	.189	4.80	.292	7.42
.0079	.201	.096	2.44	.195	4.95	.309	7.85
.010	.25	.100	2.54	.207	5.26	.313	7.95
.041	1.04	.103	2.62	.217	5.51	.355	9.02
.044	1.12	.105	2.67	.219	5.56	.367	9.32
.049	1.24	.106	2.69	.222	5.64	.857	21.77

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. Metric equivalents are in parentheses for overall length and diameter only.
4. Dimensions shown apply after plating.

FIGURE 1. CONNECTOR CONTACT.

REQUIREMENTS:

Design and construction:

Dimensions and configuration: See figure 1 and tables I and II.

Mating contact: See table I.

Assembly procedure: See figure 2. Manufacturer's recommended assembly instructions shall be shipped with unit package.

Vibration: Method 2005 of MIL-STD-1344, test condition IV.

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