

FIGURE 1. Dimensions and configuration.

DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT. NO. <b>14933</b>	DWG NO. 85005
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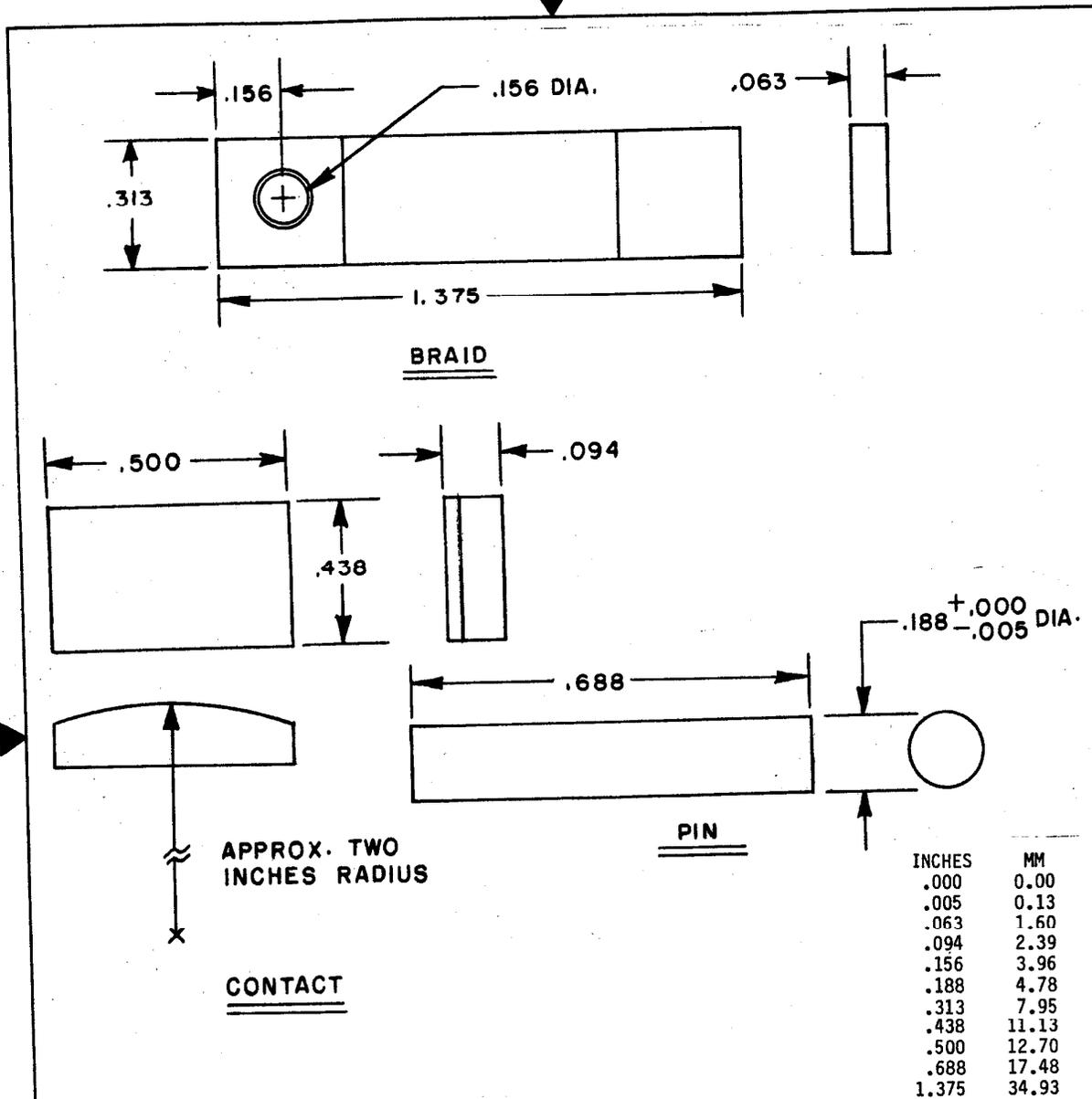
INCHES	MM	INCHES	MM
.000	0.00	.313	7.95
.005	0.13	.344	8.74
.063	1.60	.375	9.53
.094	2.39	.438	11.13
.125	3.18	.500	12.70
.156	3.96	.625	15.88
.188	4.78	1.250	31.75
.189	4.80	1.375	34.93
.219	5.56	1.500	38.10
.250	6.35	3.500	88.90

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are  $\pm 0.010$  (0.25 mm) for three place decimals and  $\pm 0.02$  (0.5 mm) for two place decimals.
3. Metric equivalents are given for general information only.

FIGURE 1. Dimensions and configuration - Continued.

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**NOTES:**

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are  $\pm 0.010$  (0.25 mm) for three place decimals and  $\pm 0.02$  (0.5 mm) for two place decimals.
3. Metric equivalents are given for general information only.

**FIGURE 2. Braid, contact and pin dimensioning.**

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4.1.1.1 Group A inspection. Group A inspection shall consist of the inspections specified in table I in the order shown. Rejected lots shall not be shipped.

4.1.1.1.1 Sampling. Statistical sampling and inspection shall be in accordance with MIL-STD-105 for general inspection level II. The Acceptable Quality Level (AQL) shall be as specified in the table. Major and minor defects shall be as specified in MIL-STD-105.

TABLE I. Group A inspection.

Inspection	Requirement paragraph	AQL (percent defective)	
		Major	Minor
Visual and mechanical		1.0	4.0
Material	3.2		
Workmanship	3.4		
Dimensions	3.5		

4.1.2 Criteria for defects. All dimensional characteristics are considered defective when out of tolerance. All physical and functional properties are considered defective when outside the specified minimum or maximum range as applicable. All workmanship characteristics are considered defective when they would be detrimental to the intended use, performance requirements, or environmental survival. The specified AQL for each category is applicable to the cumulative defects for that category found in the sample.

5. PACKAGING

5.1 Packaging requirements. The requirements for packaging shall be as specified in the contract or purchase order.

6. NOTES

6.1 Intended use. Devices conforming to this drawing are intended for use when military specifications do not exist and qualified military devices that will perform the required function are not available for OEM application.

6.2 Ordering data. The acquisition document should specify the following:

- a. Complete part number (see 1.2).
- b. Requirements for delivery of one copy of the quality conformance inspection data with each shipment of parts by the manufacturer (when applicable).
- c. Whether the manufacturer performs the Group A inspection or provides certificate of compliance with Group A requirements.
- d. Requirements for notification of change of product to the procuring activity, if applicable.
- e. Requirements for packing.

6.3 Replaceability. Replaceability is determined as follows: Devices covered by this drawing will replace the commercial device covered by contractor prepared specification or drawing.

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6.4 Suggested source of supply. 1/

DESC drawing part number	Vendor FSCM and part number 2/
	27729
85005-01	90384-A

1/ Additional suggested sources of supply will be added as they become available. For assistance in the use of this drawing, contact DESC-E, 1507 Wilmington Pike, Dayton, OH. 45444, or telephone (513) 296-6511.

2/ CAUTION. Do not use this number for item procurement and marking. The similar vendor type may not satisfy the requirements of this drawing.

Vendor FSCM

27729

Vendor

Avion tool Corporation  
2624 Keenan Road  
Dayton, Ohio 45414  
(513) 278-0779

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