

IDENTIFICATION OF THE
SUGGESTED SOURCE(S)
HEREON IS NOT TO BE
CONSTRUED AS A GUARANTEE
OF PRESENT OR CONTINUED
AVAILABILITY AS A SOURCE OF
SUPPLY FOR THE ITEM(S).

| REVISIONS | | | |
|-----------|--|----------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| A | REPLACES REV * WITH CHANGE INC ECO K0861, K1198 | 04-01-83 | * FD |
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| 478756 | F-15 ASA | F33657-84-C-2228 | |
| NEXT ASSY | USED ON | CONTRACT NO | |
| APPLICATION | | | |
| INTERPRET DRAWING IAW DOD-STD-100 | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS .XX ± .02 .XXX ± .005 ANGLES ± 0° 30' | APPROVAL | | DATE |
| | DRAWN | J. FISHER | 860410 |
| | CHECK | D. GUGGENT | 860401 |
| | 1 PE | J. FISHER | 860410 |
| | 2 | L. LYKKEN | 860410 |
| | 3 DA | D. SWAIN | 860421 |
| | 4 CM | C. HECKSEL | 860421 |
| | 5 | I. BAWAHAB | 860509 |

SEE TABLE I FOR SUGGESTED SOURCE(S)
OF SUPPLY AND PART NUMBERS.

SPECIFICATION CONTROL DRAWING

LEAR ASTRONICS CORPORATION
SANTA MONICA, CA 90406-0442

**CONNECTOR, RACK AND PANEL
SOCKET CONTACT**

| | | |
|------------------|---------------------------|----------------------|
| SIZE A | CAGE CODE 07690 | DRAWING NO 633054 |
| SCALE | REV LTR A | SHEET 1 OF 6 |

REVISION STATUS OF SHEETS

| <u>Sheet</u> | <u>Rev</u> |
|--------------|------------|
|--------------|------------|

| | |
|---|---|
| 1 | A |
| 2 | A |
| 3 | A |
| 4 | A |
| 5 | A |
| 6 | A |

| | | |
|------------------|---------------------------|----------------------|
| SIZE A | CAGE CODE 07690 | DRAWING NO 633054 |
| SCALE | REV LTR A | SHEET 2 |

1. SCOPE

- 1.1 This specification covers rectangular, rack and panel, electrical connectors, with nonremovable socket contacts.

2. APPLICABLE DOCUMENTS

2.1 Government documents

- 2.1.1 Specifications and standards. Unless otherwise specified, the following documents of the issue in effect on the date of invitation for bid or request for proposal shall form a part of this specification to the extent specified herein.

SPECIFICATIONS

Military

| | |
|---------------|---|
| MIL-C-28748 | Connectors, Electrical, Rectangular, Solder Type and Crimp Type Contacts, General Specification for |
| MIL-C-28748/8 | Connectors, Electrical, Rectangular, Rack and Panel, Solder Type Socket Contacts, Size 22 |
| MIL-C-55330 | Connector, Preparation for Delivery of |

3. REQUIREMENTS

The connectors shall meet all requirements of MIL-C-28748, and MIL-C-28748/1 except as specified.

3.1 Qualification

Qualification in accordance with MIL-C-28748 is not required.

3.2 Contacts

Contacts shall be nonremovable dip solder and shall conform to Figure 1.

| | | |
|------------------|---------------------------|----------------------|
| SIZE A | CAGE CODE 07690 | DRAWING NO 633054 |
| SCALE | REV LTR A | SHEET 3 |

3.3 Design and construction

Design and construction shall be in accordance with MIL-C-28748 except that the outlines and dimensions shall be in accordance with Figure 1 and closed entry contact design is not required.

3.3.1 Contact identification and arrangement

The contact identification and arrangement shall be as shown on Figure 1 and shall meet MIL-C-28748.

3.3.2 Polarization

Polarization shall be in accordance with MIL-C-28748; jackscrews shall be in accordance with MS 18196.

3.4 Marking

Marking shall be in accordance with MIL-C-28748 except that the manufacturer's part number shall be used in lieu of the military part number.

4. **QUALITY ASSURANCE PROVISIONS**

The connectors shall meet all MIL-C-28748 Quality Assurance Provisions except as specified herein.

4.1 Assembly plants

Assembly plant certification and listing on QPL in accordance with MIL-C-28748 are not required.

4.2 Classification of inspections

The inspections shall be classified as quality conformance inspections in accordance with MIL-C-28748.

4.3 Qualification inspection

Qualification inspection is not required.

5. **PREPARATION FOR DELIVERY**

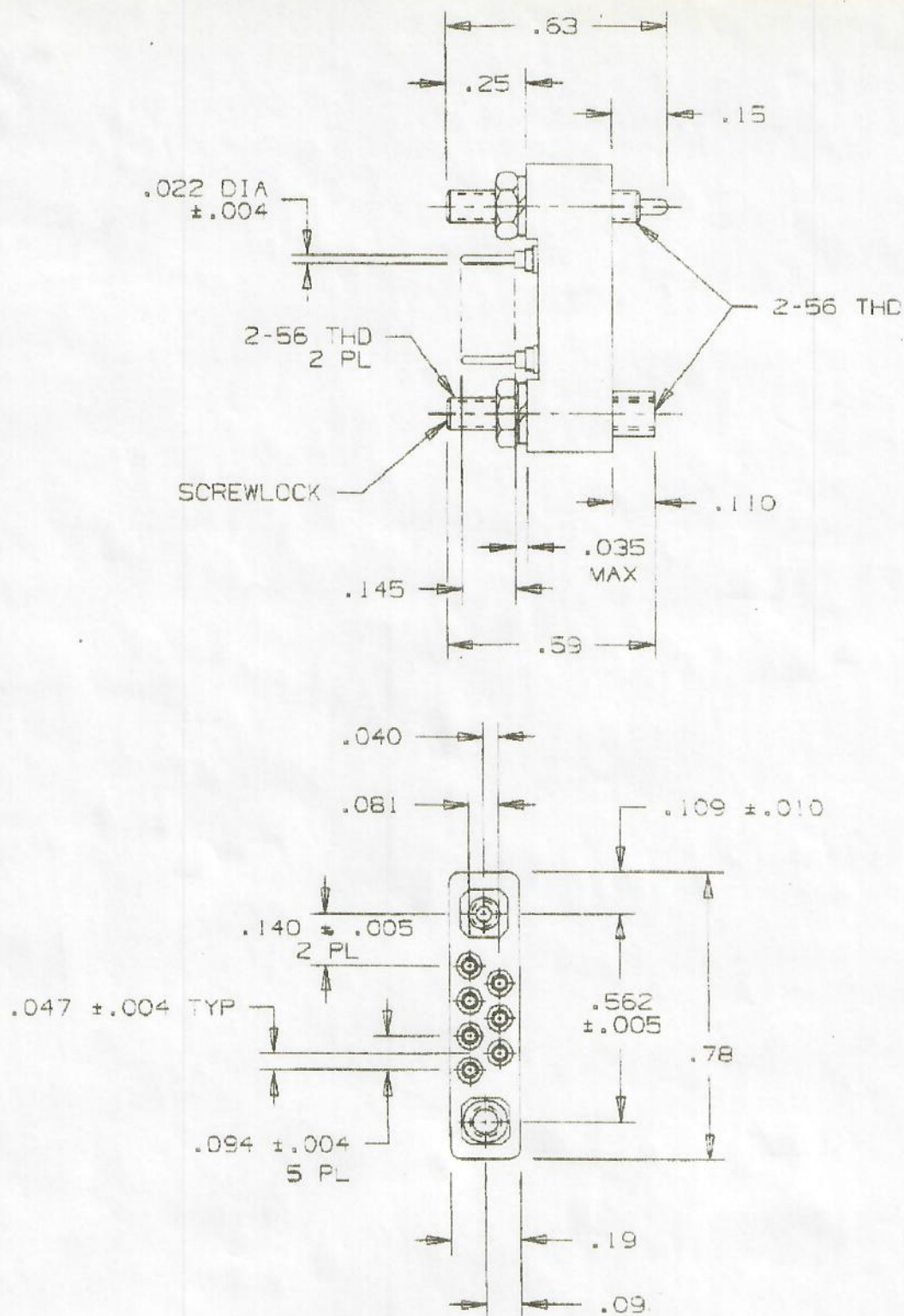
Preparation for delivery shall be in accordance with MIL-C-55330.

6. **NOTES**

6.1 Definitions

Definitions shall be in accordance with MIL-C-28748.

| | | |
|------------------|---------------------------|----------------------|
| SIZE A | CAGE CODE 07690 | DRAWING NO 633054 |
| SCALE | REV LTR A | SHEET 4 |



F18-ASA-633054-INS1.PRT

Figure 1. Outline and Dimensions

| SIZE | CAGE CODE | DRAWING NO |
|----------|--------------|------------|
| A | 07690 | 633054 |
| SCALE | REV LTR | SHEET |
| | A | 5 |

Table I. Suggested Source(s) of Supply

| LEAR ASTRONICS CORPORATION CONTROL NUMBER | VENDOR CAGE CODE NUMBER | VENDOR PART NUMBER |
|---|----------------------------|---------------------|
| 633054-01 | 95328 | MM7-22SD15S25GDF-50 |

**VENDOR CAGE
CODE NUMBER**

95328

**VENDOR NAME
AND ADDRESS**

Continental Connector
34-63 56th Street
Woodside, New York 11377

| | | |
|------------------|---------------------------|----------------------|
| SIZE A | CAGE CODE 07690 | DRAWING NO 633054 |
| SCALE | REV LTR A | SHEET 6 |