

**METRIC**

**DOD-STD-1842**

**15 May 1985**

# **MILITARY STANDARD**

## **INSERT ARRANGEMENTS FOR DOD-C-83527 RACK TO PANEL CONNECTORS**

**METRIC**



**FSC 5935**

DOD-STD-1842

DEPARTMENT OF DEFENSE  
Washington, DC 20301

Insert Arrangements for DOD-C-83527 Rack to Panel Connectors.

DOD-STD-1842

1. This military standard is approved for use by all Departments and Agencies of the Department of Defense.

2. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Electronic Support Division, AFLC 2750 ABW/ES, Gentile AF Station, Dayton, OH 45444-5000, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

## CONTENTS

|                                                    | <u>Page</u> |
|----------------------------------------------------|-------------|
| 1. SCOPE - - - - -                                 | 3           |
| 2. REFERENCED DOCUMENTS - - - - -                  | 3           |
| 2.1 Government specification - - - - -             | 3           |
| 3. DEFINITIONS - - - - -                           | 3           |
| 3.1 Terms - - - - -                                | 3           |
| 4. GENERAL REQUIREMENTS (not applicable) - - - - - | 3           |
| 5. DETAIL REQUIREMENTS - - - - -                   | 3           |
| 5.1 Dimensions - - - - -                           | 3           |
| 5.2 Marking - - - - -                              | 3           |
| 5.3 Drawing notes - - - - -                        | 3           |

## SECTIONS

## I - Insert arrangements for cavities A, C, and E

|                           | <u>Page</u> |
|---------------------------|-------------|
| Insert arrangement I-150  | I-2         |
| Insert arrangement I-70C1 | I-3         |
| Insert arrangement I-47T2 | I-4         |
| Insert arrangement I-24   | I-5         |
| Insert arrangement I-60   | I-6         |
| Insert arrangement I-0    | I-7         |

## II - Insert arrangements for cavities B, D, and F

|                            |      |
|----------------------------|------|
| Insert arrangement II-100  | II-2 |
| Insert arrangement II-11C2 | II-3 |
| Insert arrangement II-20T4 | II-4 |
| Insert arrangement II-34   | II-5 |
| Insert arrangement II-T6   | II-6 |
| Insert arrangement II-0    | II-7 |

## III - Insert arrangement designator

|                                         |       |
|-----------------------------------------|-------|
| TABLE I. Insert arrangement designator. | III-1 |
|-----------------------------------------|-------|

## 1. SCOPE

1.1 Purpose. This standard covers insert arrangements for use with DOD-C-83527 Rack to Panel Connectors.

## 2. REFERENCED DOCUMENTS

2.1 Government specification. Unless otherwise specified, the following specification of the issue listed in that issue of the Department of Defense Index of Specifications and Standards specified in the solicitation forms a part of this standard to the extent specified herein.

### SPECIFICATION

#### MILITARY

DOD-C-83527 - Connectors, Plug and Receptacle, Electrical, Rectangular, Multiple Insert Type, Rack to Panel, Environment Resisting, 150°C Continuous Operating Temperature, General Specification for.

(Copies of specifications, standards, handbooks, drawings, and publications required by contractors in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

## 3. DEFINITIONS

3.1 Terms. The terms used in this standard are generally accepted by the electrical and electronics industries and commonly used in electrical connector engineering practice.

## 4. GENERAL REQUIREMENTS

Not applicable.

## 5. DETAIL REQUIREMENTS

5.1 Dimensions. Dimensions shall be in accordance with the applicable section of this standard and the following dimensional data:

- a.  Indicates (C) centerline of insert arrangement
- b. All dimensions (TP) true position and in millimeters

5.2 Marking. All inserts that contain size 22 contacts shall be marked on the rear face with a 5 X 5 grid pattern in a contrasting color. Insert identification marking shall be in accordance with DOD-C-83527.

5.3 Drawing notes. The following information is applicable to all figures of this military standard:

Dimensions are in millimeters.

Custodians:

Army - CR  
Navy - AS  
Air Force - 85

Preparing activity:  
Air Force - 85

(Project 5935-3414)

Review activities:

Army - AR, MI  
Navy - EC, MC, OS  
Air Force - 11, 15, 17, 99  
DLA - ES

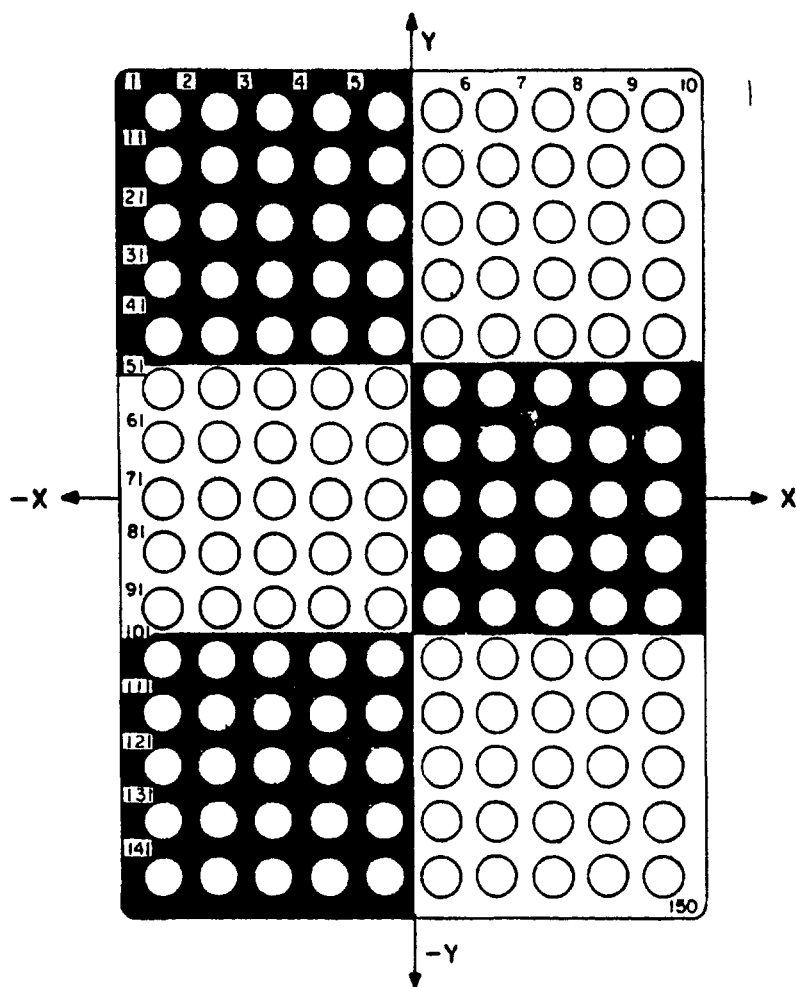
Agent:

DLA - ES

SECTION I

1. SCOPE

1.1 This section covers insert arrangements for use with connector cavities A, C, and E of DOD-C-83527.



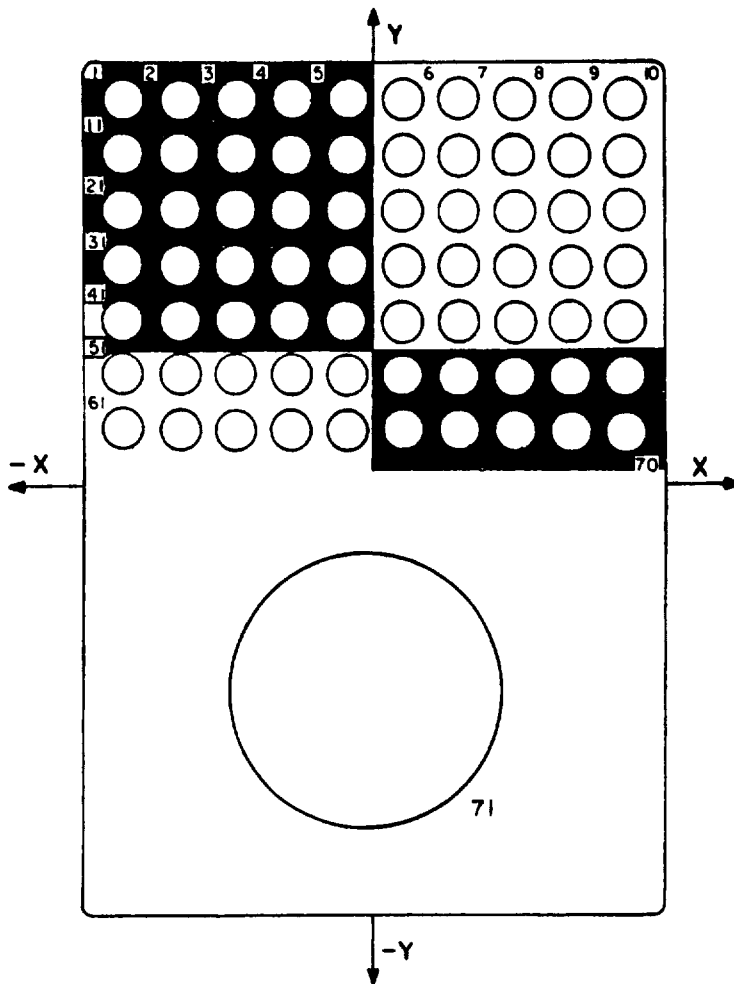
| MM    | INCHES |
|-------|--------|
| 1.27  | .050   |
| 2.54  | .100   |
| 3.81  | .150   |
| 5.08  | .200   |
| 6.35  | .250   |
| 7.62  | .300   |
| 8.89  | .350   |
| 10.16 | .400   |
| 11.43 | .450   |
| 12.70 | .500   |
| 15.24 | .600   |
| 17.78 | .700   |

| COORDINATE POSITIONS OF CONTACTS 1/ |        |       |       |       |       |       |       |       |       |        |
|-------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| X-MM<br>Y-MM                        | -11.43 | -8.89 | -6.35 | -3.81 | -1.27 | +1.27 | +3.81 | +6.35 | +8.89 | +11.43 |
| +17.78                              | 1      | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10     |
| +15.24                              | 11     | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20     |
| +12.70                              | 21     | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30     |
| +10.16                              | 31     | 32    | 33    | 34    | 35    | 36    | 37    | 38    | 39    | 40     |
| + 7.62                              | 41     | 42    | 43    | 44    | 45    | 46    | 47    | 48    | 49    | 50     |
| + 5.08                              | 51     | 52    | 53    | 54    | 55    | 56    | 57    | 58    | 59    | 60     |
| + 2.54                              | 61     | 62    | 63    | 64    | 65    | 66    | 67    | 68    | 69    | 70     |
| 0                                   | 71     | 72    | 73    | 74    | 75    | 76    | 77    | 78    | 79    | 80     |
| - 2.54                              | 81     | 82    | 83    | 84    | 85    | 86    | 87    | 88    | 89    | 90     |
| - 5.08                              | 91     | 92    | 93    | 94    | 95    | 96    | 97    | 98    | 99    | 100    |
| - 7.62                              | 101    | 102   | 103   | 104   | 105   | 106   | 107   | 108   | 109   | 110    |
| -10.16                              | 111    | 112   | 113   | 114   | 115   | 116   | 117   | 118   | 119   | 120    |
| -12.70                              | 121    | 122   | 123   | 124   | 125   | 126   | 127   | 128   | 129   | 130    |
| -15.24                              | 131    | 132   | 133   | 134   | 135   | 136   | 137   | 138   | 139   | 140    |
| -17.78                              | 141    | 142   | 143   | 144   | 145   | 146   | 147   | 148   | 149   | 150    |

1/ Front face of insert with size 22 socket is shown. Size 22 pin is opposite.

| NUMBER OF CONTACTS |     | CONTACT NUMBER |
|--------------------|-----|----------------|
| Size 22            | 150 | 1 thru 150     |

INSERT ARRANGEMENT I-150



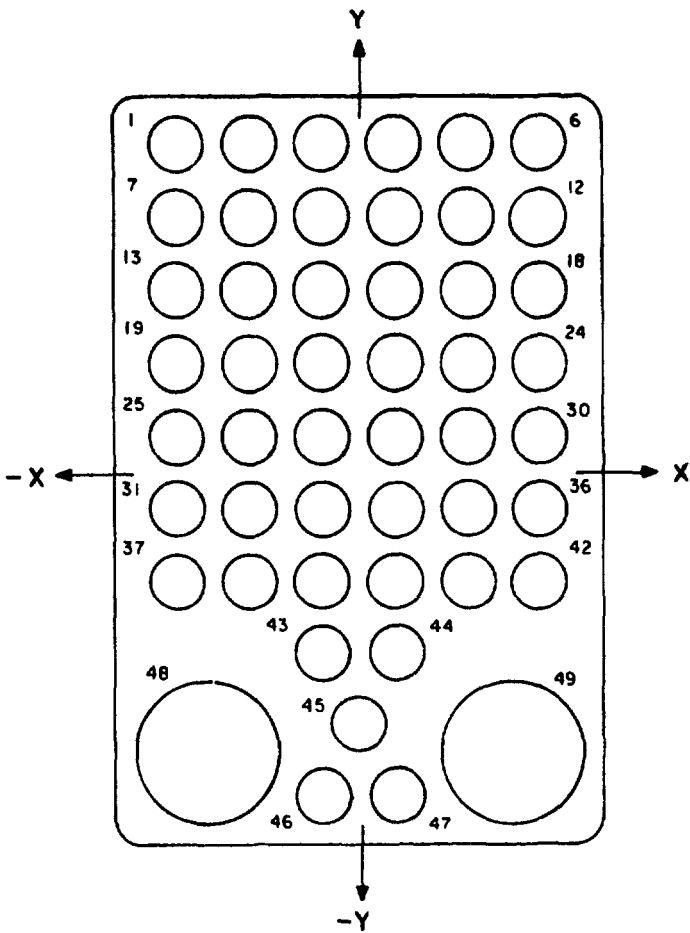
| MM    | INCHES |
|-------|--------|
| 1.27  | .050   |
| 2.54  | .100   |
| 3.81  | .150   |
| 5.08  | .200   |
| 6.35  | .250   |
| 7.62  | .300   |
| 8.89  | .350   |
| 10.16 | .400   |
| 11.43 | .450   |
| 12.70 | .500   |
| 15.24 | .600   |
| 17.78 | .700   |

| COORDINATE POSITIONS OF CONTACTS <u>1/</u> |        |        |       |       |       |       |       |       |       |       |        |
|--------------------------------------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| X-MM<br>Y-MM                               | -11.43 | -10.16 | -8.89 | -6.35 | -3.81 | -1.27 | +1.27 | +3.81 | +6.35 | +8.89 | +11.43 |
| +17.78                                     | 1      | -      | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10     |
| +15.24                                     | 11     | -      | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20     |
| +12.70                                     | 21     | -      | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30     |
| +10.16                                     | 31     | -      | 32    | 33    | 34    | 35    | 36    | 37    | 38    | 39    | 40     |
| + 7.62                                     | 41     | -      | 42    | 43    | 44    | 45    | 46    | 47    | 48    | 49    | 50     |
| + 5.08                                     | 51     | -      | 52    | 53    | 54    | 55    | 56    | 57    | 58    | 59    | 60     |
| + 2.54                                     | 61     | -      | 62    | 63    | 64    | 65    | 66    | 67    | 68    | 69    | 70     |
| 0                                          | -      | 71     | -     | -     | -     | -     | -     | -     | -     | -     | -      |

1/ Front face of insert with size 22 socket and size 1 coax pin is shown. Size 22 pin and size 1 coax socket is opposite.

| NUMBER OF CONTACTS |    | CONTACT NUMBER |
|--------------------|----|----------------|
| Size 22            | 70 | 1 thru 70      |
| Size 1 Coax        | 1  | 71             |

INSERT ARRANGEMENT I-70C1



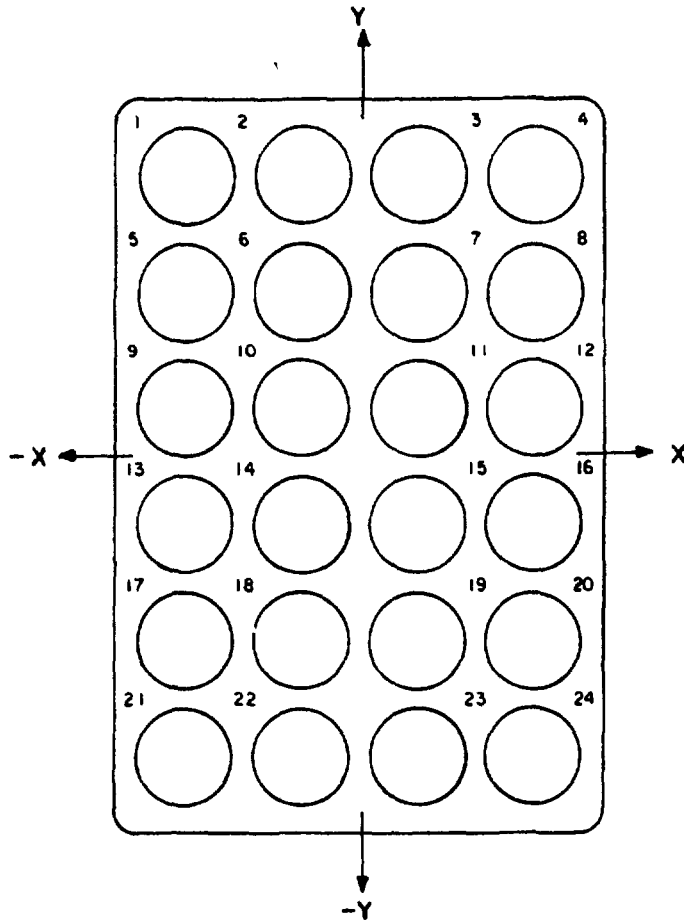
| MM    | INCHES |
|-------|--------|
| 1.90  | .075   |
| 5.72  | .225   |
| 8.00  | .315   |
| 9.52  | .375   |
| 13.34 | .525   |
| 14.22 | .560   |
| 17.14 | .675   |

| COORDINATE POSITION OF CONTACTS 1/ |       |       |       |       |    |       |       |       |       |
|------------------------------------|-------|-------|-------|-------|----|-------|-------|-------|-------|
| X-MM<br>Y-MM                       | -9.52 | -8.00 | -5.72 | -1.90 | 0  | +1.90 | +5.72 | +8.00 | +9.52 |
| +17.14                             | 1     | -     | 2     | 3     | -  | 4     | 5     | -     | 6     |
| +13.34                             | 7     | -     | 8     | 9     | -  | 10    | 11    | -     | 12    |
| + 9.52                             | 13    | -     | 14    | 15    | -  | 16    | 17    | -     | 18    |
| + 5.72                             | 19    | -     | 20    | 21    | -  | 22    | 23    | -     | 24    |
| + 1.90                             | 25    | -     | 26    | 27    | -  | 28    | 29    | -     | 30    |
| - 1.90                             | 31    | -     | 32    | 33    | -  | 34    | 35    | -     | 36    |
| - 5.72                             | 37    | -     | 38    | 39    | -  | 40    | 41    | -     | 42    |
| - 9.52                             | -     | -     | -     | 43    | -  | 44    | -     | -     | -     |
| -13.34                             | -     | -     | -     | -     | 45 | -     | -     | -     | -     |
| -14.22                             | -     | 48    | -     | -     | -  | -     | -     | 49    | -     |
| -17.14                             | -     | -     | -     | 46    | -  | 47    | -     | -     | -     |

1/ Front face of insert with pin contacts is shown. Socket contacts are opposite.

| NUMBER OF CONTACTS |    | CONTACT NUMBER |
|--------------------|----|----------------|
| Size 20            | 47 | 1 thru 47      |
| Size 8             | 2  | 48 and 49      |
| TWINAX             |    |                |

INSERT ARRANGEMENT I-47T2



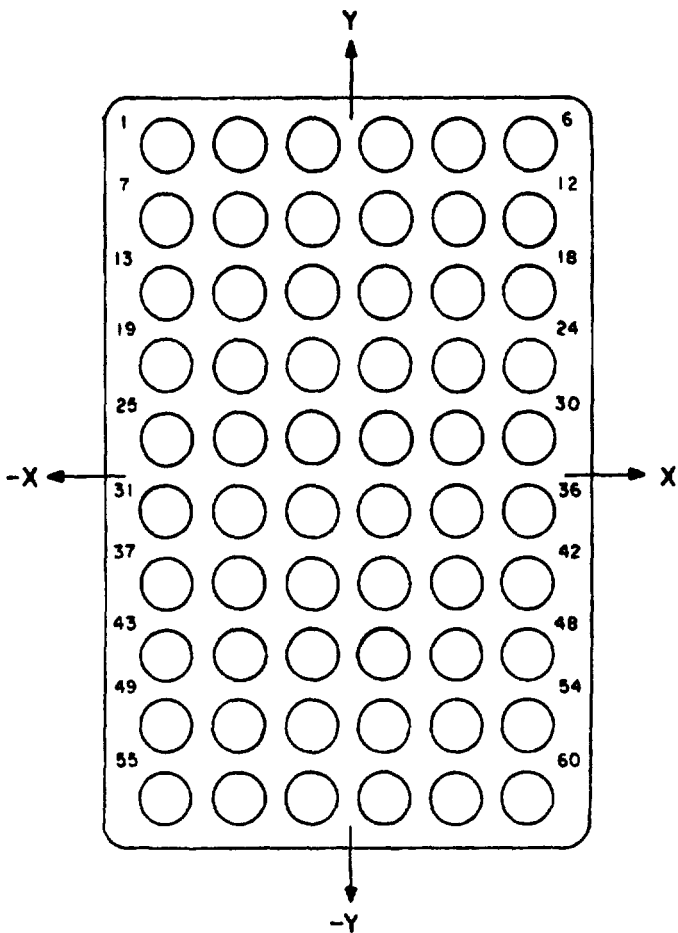
| COORDINATE POSITION OF CONTACTS <u>1/</u> |       |       |       |       |
|-------------------------------------------|-------|-------|-------|-------|
| X-MM<br>Y-MM                              | -9.52 | -3.18 | +3.18 | +9.52 |
| +15.88                                    | 1     | 2     | 3     | 4     |
| + 9.52                                    | 5     | 6     | 7     | 8     |
| + 3.18                                    | 9     | 10    | 11    | 12    |
| - 3.18                                    | 13    | 14    | 15    | 16    |
| - 9.52                                    | 17    | 18    | 19    | 20    |
| -15.88                                    | 21    | 22    | 23    | 24    |

| MM    | INCHES |
|-------|--------|
| 3.18  | .125   |
| 9.52  | .375   |
| 15.88 | .625   |

1/ Front face of insert with pin contacts shown.  
Socket contacts are opposite.

| NUMBER OF CONTACTS |    | CONTACT<br>NUMBER |
|--------------------|----|-------------------|
| Size 12            | 24 | 1 thru 24         |

INSERT ARRANGEMENT I-24



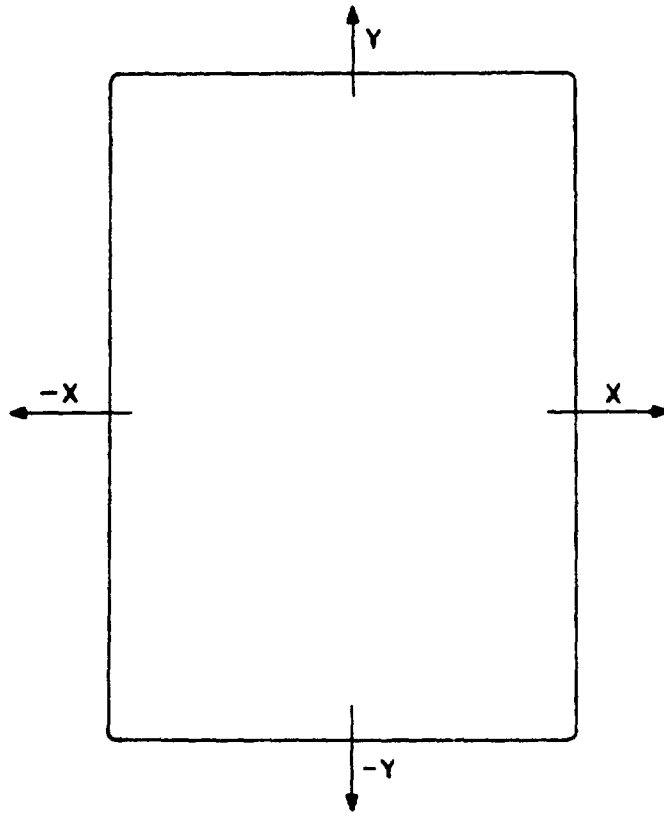
| MM    | INCHES |
|-------|--------|
| 1.90  | .075   |
| 5.72  | .225   |
| 9.52  | .375   |
| 13.34 | .525   |
| 17.14 | .675   |

| COORDINATE POSITION OF CONTACTS 1/ |       |       |       |       |       |       |
|------------------------------------|-------|-------|-------|-------|-------|-------|
| X-MM<br>Y-MM                       | -9.52 | -5.72 | -1.90 | +1.90 | +5.72 | +9.52 |
| +17.14                             | 1     | 2     | 3     | 4     | 5     | 6     |
| +13.34                             | 7     | 8     | 9     | 10    | 11    | 12    |
| + 9.52                             | 13    | 14    | 15    | 16    | 17    | 18    |
| + 5.72                             | 19    | 20    | 21    | 22    | 23    | 24    |
| + 1.90                             | 25    | 26    | 27    | 28    | 29    | 30    |
| - 1.90                             | 31    | 32    | 33    | 34    | 35    | 36    |
| - 5.72                             | 37    | 38    | 39    | 40    | 41    | 42    |
| - 9.52                             | 43    | 44    | 45    | 46    | 47    | 48    |
| -13.34                             | 49    | 50    | 51    | 52    | 53    | 54    |
| -17.14                             | 55    | 56    | 57    | 58    | 59    | 60    |

1/ Front face of insert shown with pin contact.  
Socket contacts are opposite.

| NUMBER OF CONTACTS |    | CONTACT<br>NUMBER |
|--------------------|----|-------------------|
| Size 20            | 60 | 1 thru 60         |

INSERT ARRANGEMENT I-60



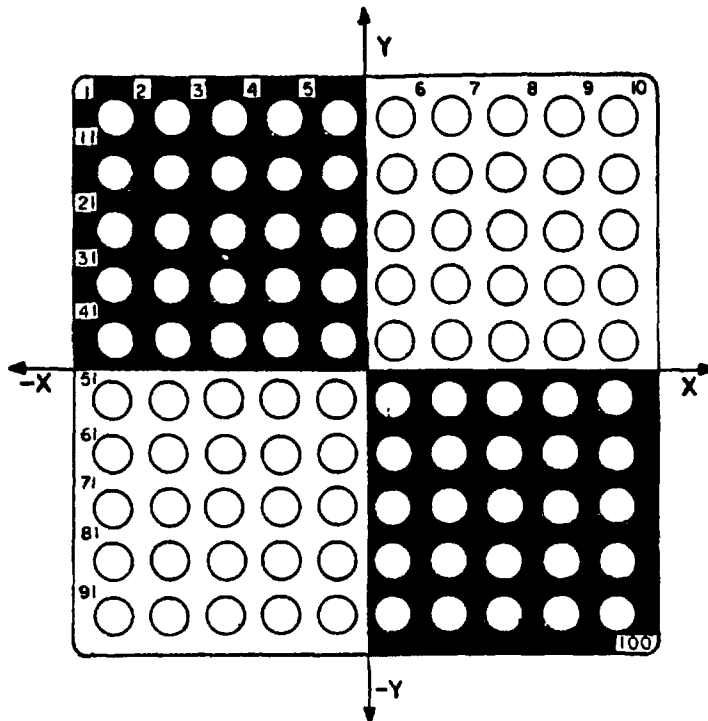
This is a dummy insert and does not contain contacts. It is used to maintain the hermetic seal on the connector and is installed in a cavity where no contacts are required.

INSERT ARRANGEMENT I-0

SECTION II

1. SCOPE

1.1 This section covers insert arrangements for use with cavities B, D, and F of DOD-C-83527.



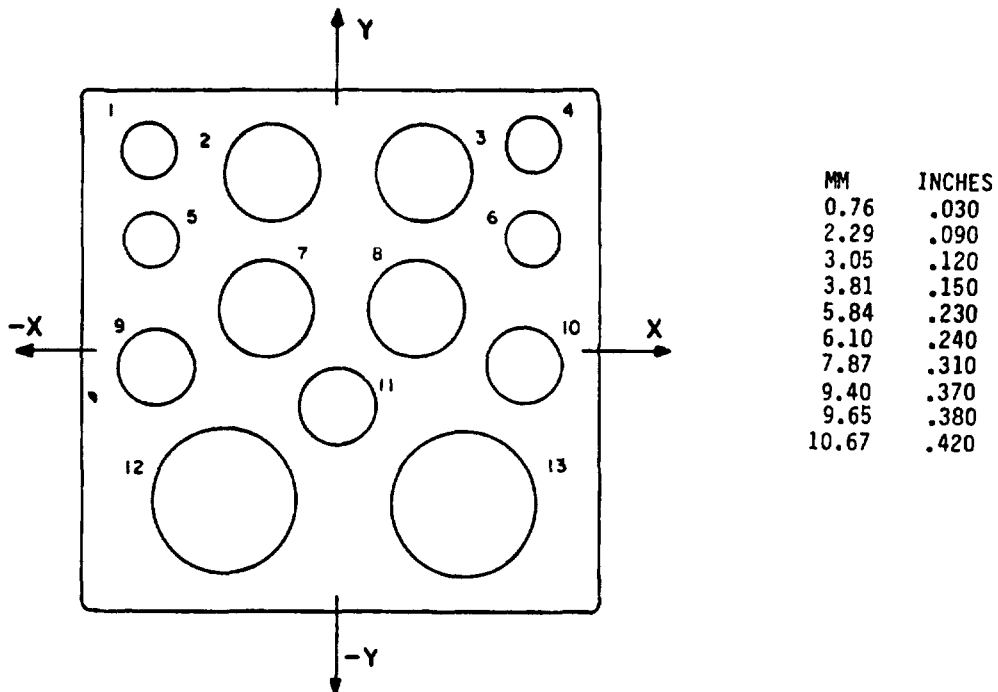
| MM    | INCHES |
|-------|--------|
| 1.27  | .050   |
| 2.54  | .100   |
| 3.81  | .150   |
| 5.08  | .200   |
| 6.35  | .250   |
| 7.62  | .300   |
| 8.89  | .350   |
| 10.16 | .400   |
| 11.43 | .450   |
| 12.70 | .500   |
| 15.24 | .600   |
| 17.78 | .700   |

| COORDINATE POSITIONS OF CONTACTS 1/ |        |       |       |       |       |       |       |       |       |        |
|-------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| X-MM<br>Y-MM                        | -11.43 | -8.89 | -6.35 | -3.81 | -1.27 | +1.27 | +3.81 | +6.35 | +8.89 | +11.43 |
| +11.43                              | 1      | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10     |
| + 8.89                              | 11     | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20     |
| + 6.35                              | 21     | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30     |
| + 3.81                              | 31     | 32    | 33    | 34    | 35    | 36    | 37    | 38    | 39    | 40     |
| + 1.27                              | 41     | 42    | 43    | 44    | 45    | 46    | 47    | 48    | 49    | 50     |
| - 1.27                              | 51     | 52    | 53    | 54    | 55    | 56    | 57    | 58    | 59    | 60     |
| - 3.81                              | 61     | 62    | 63    | 64    | 65    | 66    | 67    | 68    | 69    | 70     |
| - 6.35                              | 71     | 72    | 73    | 74    | 75    | 76    | 77    | 78    | 79    | 80     |
| - 8.89                              | 81     | 82    | 83    | 84    | 85    | 86    | 87    | 88    | 89    | 90     |
| -11.43                              | 91     | 92    | 93    | 94    | 95    | 96    | 97    | 98    | 99    | 100    |

1/ Front face of insert shown with socket contacts. Pin contacts are opposite.

| NUMBER OF CONTACTS |     | CONTACT NUMBER |
|--------------------|-----|----------------|
| Size 22            | 100 | 1 thru 100     |

INSERT ARRANGEMENT II-100

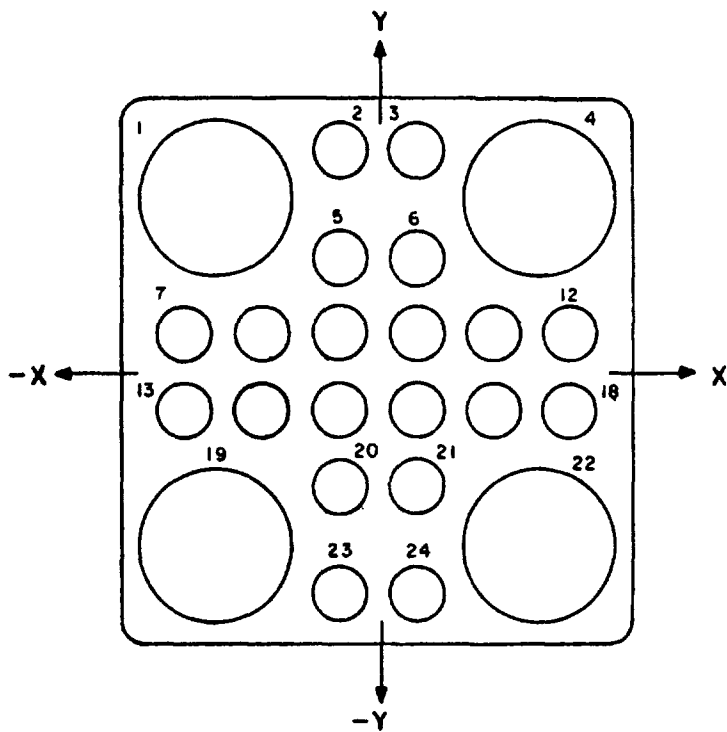


| COORDINATE POSITION OF CONTACTS <u>1/</u> |       |       |       |       |    |       |       |       |       |
|-------------------------------------------|-------|-------|-------|-------|----|-------|-------|-------|-------|
| X-MM<br>Y-MM                              | -9.65 | -9.40 | -6.10 | -3.81 | 0  | +3.81 | +6.10 | +9.40 | +9.65 |
| +10.67                                    | 1     | -     | -     | -     | -  | -     | -     | -     | 4     |
| + 9.40                                    | -     | -     | -     | 2     | -  | 3     | -     | -     | -     |
| + 5.84                                    | 5     | -     | -     | -     | -  | -     | -     | -     | 6     |
| + 2.29                                    | -     | -     | -     | 7     | -  | 8     | -     | -     | -     |
| - 0.76                                    | -     | 9     | -     | -     | -  | -     | -     | 10    | -     |
| - 3.05                                    | -     | -     | -     | -     | 11 | -     | -     | -     | -     |
| - 7.87                                    | -     | -     | 12    | -     | -  | -     | 13    | -     | -     |

1/ Front face of insert with pin contacts shown. Socket contacts are opposite.

| NUMBER OF CONTACTS |   | CONTACT<br>NUMBER |
|--------------------|---|-------------------|
| Size 20            | 4 | 1, 4, 5, and 6    |
| Size 16            | 3 | 9, 10, and 11     |
| Size 12            | 4 | 2, 3, 7, and 8    |
| Size 5             | 2 | 12 and 13         |
| Coax               |   |                   |

INSERT ARRANGEMENT II-11C2



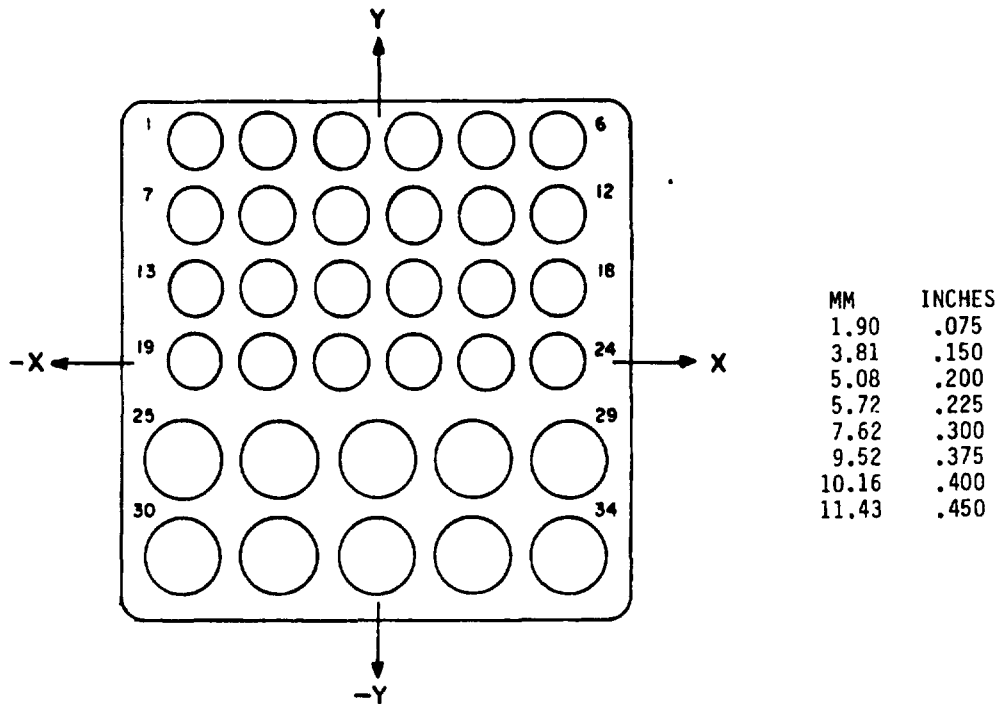
| MM    | INCHES |
|-------|--------|
| 1.90  | .075   |
| 5.72  | .225   |
| 8.00  | .315   |
| 8.64  | .340   |
| 9.52  | .375   |
| 11.56 | .455   |

| X-MM<br>Y-MM | COORDINATE LOCATION OF CONTACTS <u>1/</u> |       |       |       |       |       |       |       |
|--------------|-------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
|              | -9.52                                     | -8.00 | -5.72 | -1.90 | +1.90 | +5.72 | +8.00 | +9.52 |
| +11.56       | -                                         | -     | -     | 2     | 3     | -     | -     | -     |
| + 8.64       | -                                         | 1     | -     | -     | -     | -     | 4     | -     |
| + 5.72       | -                                         | -     | -     | 5     | 6     | -     | -     | -     |
| + 1.90       | 7                                         | -     | 8     | 9     | 10    | 11    | -     | 12    |
| - 1.90       | 13                                        | -     | 14    | 15    | 16    | 17    | -     | 18    |
| - 5.72       | -                                         | -     | -     | 20    | 21    | -     | -     | -     |
| - 8.64       | -                                         | 19    | -     | -     | -     | -     | 22    | -     |
| -11.56       | -                                         | -     | -     | 23    | 24    | -     | -     | -     |

1/ Front face of insert with pin contacts shown. Socket contacts are opposite.

| NUMBER OF CONTACTS |    | CONTACT NUMBER                                       |
|--------------------|----|------------------------------------------------------|
| Size 20            | 20 | 2, 3, 5, 6, 7 thru 12, 13 thru 18, 20, 21, 23 and 24 |
| Size 8 TWINAX      | 4  | 1, 4, 19, and 22                                     |

INSERT ARRANGEMENT II-20T4

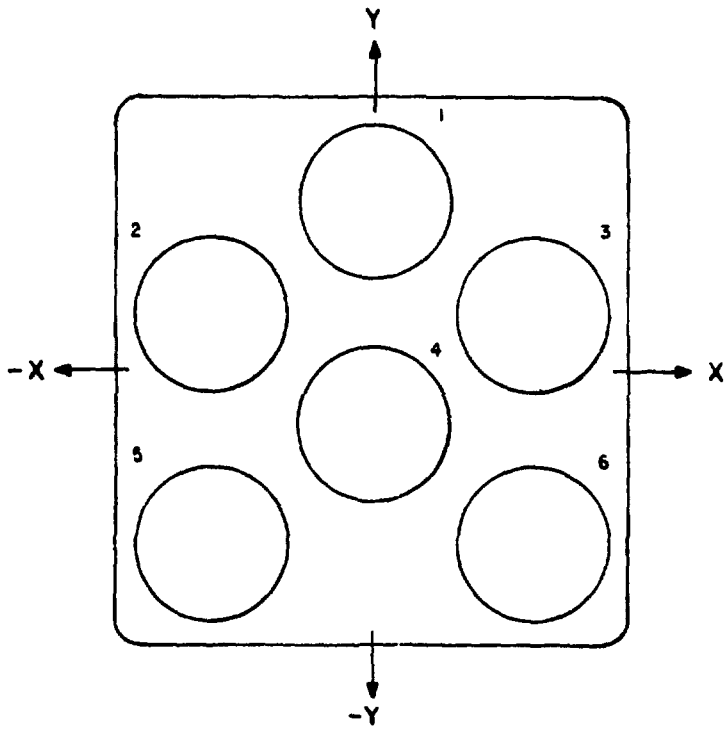


| COORDINATE POSITIONS OF CONTACTS <u>1/</u> |        |       |       |       |       |    |       |       |       |       |        |
|--------------------------------------------|--------|-------|-------|-------|-------|----|-------|-------|-------|-------|--------|
| X-MM<br>Y-MM                               | -10.16 | -9.52 | -5.72 | -5.08 | -1.90 | 0  | +1.90 | +5.08 | +5.72 | +9.52 | +10.16 |
| +11.43                                     | -      | 1     | 2     | -     | 3     | -  | 4     | -     | 5     | 6     | -      |
| + 7.62                                     | -      | 7     | 8     | -     | 9     | -  | 10    | -     | 11    | 12    | -      |
| + 3.81                                     | -      | 13    | 14    | -     | 15    | -  | 16    | -     | 17    | 18    | -      |
| 0                                          | -      | 19    | 20    | -     | 21    | -  | 22    | -     | 23    | 24    | -      |
| - 5.08                                     | 25     | -     | -     | 26    | -     | 27 | -     | 28    | -     | -     | 29     |
| -10.16                                     | 30     | -     | -     | 31    | -     | 32 | -     | 33    | -     | -     | 34     |

1/ Front face of insert with pin contacts shown. Socket contacts are opposite.

| NUMBER OF CONTACTS |    | CONTACT NUMBERS |
|--------------------|----|-----------------|
| Size 20            | 24 | 1 thru 24       |
| Size 16            | 10 | 25 thru 34      |

ARRANGEMENT NUMBER II-34



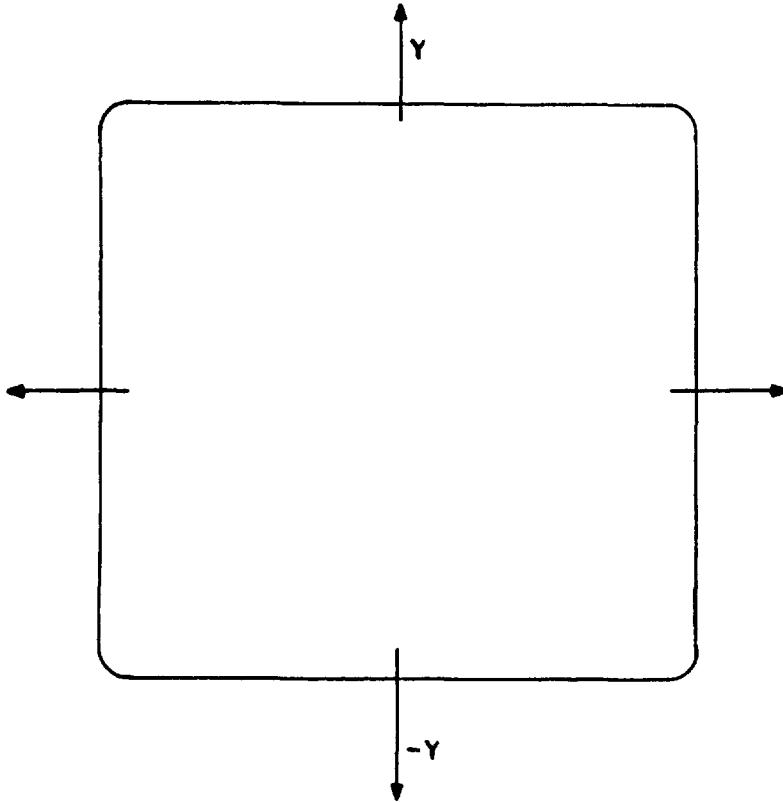
| MM   | INCHES |
|------|--------|
| 2.87 | .113   |
| 8.00 | .315   |
| 8.64 | .340   |

| COORDINATE POSITION OF CONTACTS |       |   |       |
|---------------------------------|-------|---|-------|
| X-MM<br>Y-MM                    | -8.00 | 0 | +8.00 |
| +8.64                           | -     | 1 | -     |
| +2.87                           | 2     | - | 3     |
| -2.87                           | -     | 4 | -     |
| -8.64                           | 5     | - | 6     |

1/ Front face of insert shown with pin contacts. Socket contacts are opposite.

| NUMBER OF CONTACTS |   | CONTACT NUMBER |
|--------------------|---|----------------|
| Size 8<br>TWINAX   | 6 | 1 thru 6       |

ARRANGEMENT NUMBER II-T6



This is a dummy insert and does not contain contacts. It is used to maintain the hermetic seal on the connector and is installed in a cavity where no contacts are required.

INSERT ARRANGEMENT II-0

## SECTION III

## 1. SCOPE

1.1 This section contains the information on insert arrangement designators to be used with the military part number as shown in DOD-C-83527 and its military specification sheets.

TABLE I. Insert arrangement designator.

| Insert<br>designator | Cavities with contact compliment <u>1/</u> |         |        |         |       |         |
|----------------------|--------------------------------------------|---------|--------|---------|-------|---------|
|                      | A                                          | B       | C      | D       | E     | F       |
| 001                  | I-47T2                                     | II-100  | ---    | ---     | ---   | ---     |
| 002                  | I-47T2                                     | II-20T4 | ---    | ---     | ---   | ---     |
| 003                  | I-47T2                                     | II-34   | ---    | ---     | ---   | ---     |
| 004                  | I-150                                      | II-34   | I-150  | II-20T4 | ---   | ---     |
| 005                  | I-150                                      | II-100  | I-47T2 | II-100  | ---   | ---     |
| 006                  | I-60                                       | II-100  | I-60   | II-100  | ---   | ---     |
| 007                  | I-150                                      | II-100  | I-150  | II-100  | ---   | ---     |
| 008                  | I-60                                       | II-34   | I-60   | II-34   |       |         |
| 009                  | I-150                                      | II-34   | I-150  | II-20T4 | I-150 | II-20T4 |
| 010                  | I-24                                       | II-34   | I-150  | II-100  | I-150 | II-20T4 |
| 011                  | I-150                                      | II-34   | I-150  | II-20T4 | I-150 | II-T6   |
| 012                  | I-26                                       | II-34   | I-150  | II-0    | I-150 | II-20T4 |

1/ Except I-0 and II-0 shall be without contacts.

**INSTRUCTIONS:** In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge (*DO NOT STAPLE*), and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wordin, changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

**NOTE** This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

(Fold along this line)

(Fold along this line)

DEPARTMENT OF THE AIR FORCE

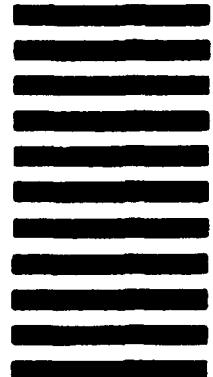


NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300



Electronic Support Division  
AFLC 2750 ABW/ES  
Gentile AF Station  
Dayton, OH 45444-5000



# STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

|                                                               |  |                                                                                                                                                                                                   |  |
|---------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. DOCUMENT NUMBER                                            |  | 2. DOCUMENT TITLE                                                                                                                                                                                 |  |
| 3a. NAME OF SUBMITTING ORGANIZATION                           |  | 4. TYPE OF ORGANIZATION (Mark one)<br><input type="checkbox"/> VENDOR<br><input type="checkbox"/> USER<br><input type="checkbox"/> MANUFACTURER<br><input type="checkbox"/> OTHER (Specify) _____ |  |
| b. ADDRESS (Street, City, State, ZIP Code)                    |  |                                                                                                                                                                                                   |  |
| 5. PROBLEM AREAS                                              |  |                                                                                                                                                                                                   |  |
| a. Paragraph Number and Wording                               |  |                                                                                                                                                                                                   |  |
| b. Recommended Wording                                        |  |                                                                                                                                                                                                   |  |
| c. Reason/Rationale for Recommendation                        |  |                                                                                                                                                                                                   |  |
| 6. REMARKS                                                    |  |                                                                                                                                                                                                   |  |
| 7a. NAME OF SUBMITTER (Last, First, MI) - Optional            |  | b. WORK TELEPHONE NUMBER (Include Area Code) - Optional                                                                                                                                           |  |
| c. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional |  | 8. DATE OF SUBMISSION (YYMMDD)                                                                                                                                                                    |  |