

Amphenol

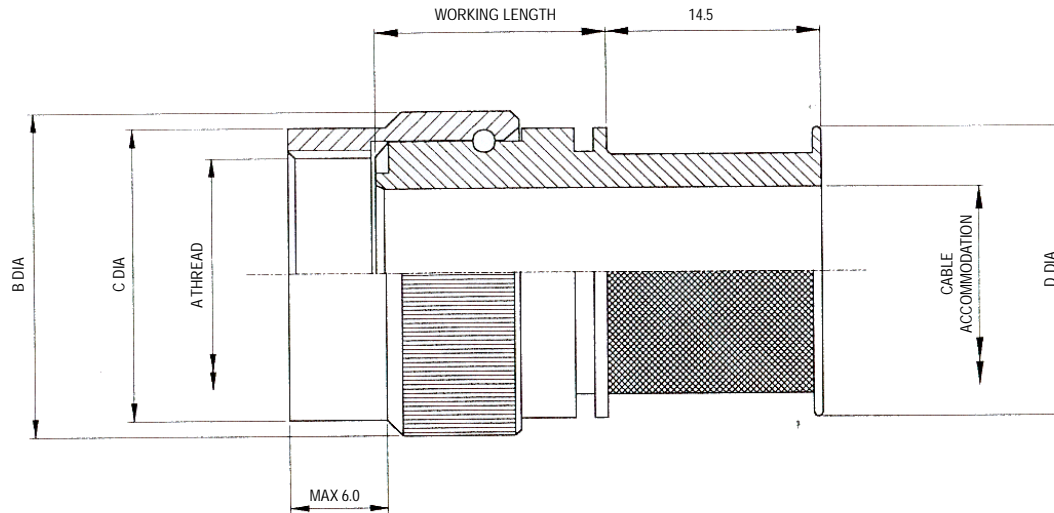
Interconnection Accessories

Band Strap

2500 Series

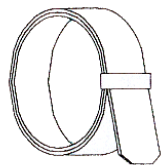


- High levels of EMC performance
- Overall screening by Band Strap system
- Hand or pneumatic tool termination
- Lightweight and compact
- Sealing by heat shrink boot

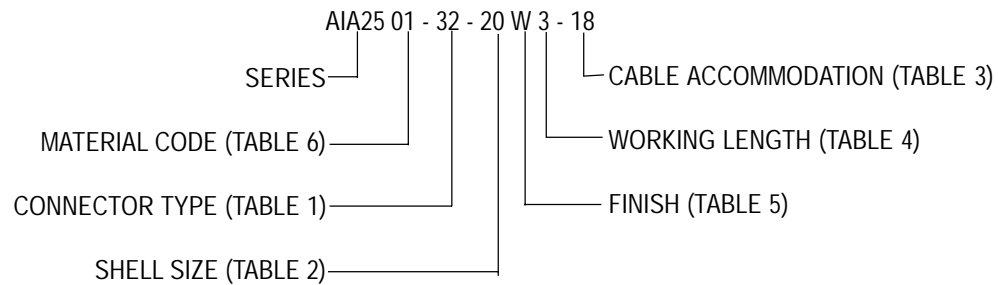


NOTES:

1. THIS DATA SHEET COVERS 22/26/28/32/38 SERIES FOR THE AIA 2500
2. AIA 2500 USES THE BAND STRAP
3. BAND STRAP SUPPLIED WITH BACKSHELL SHOWN BELOW



TYPICAL PART NUMBER



| | | | | | | |
|---|--|---------|------------------|--|--|--|
|  THIRD ANGLE PROJECTION | MATERIAL AND FINISH CODES ARE SPECIFIED ON ORDER | CHECKED | DIMENSIONS IN MM | AMPHENOL LTD Amphenol Ltd Thanet Way, Whitstable, Kent. CT5 3JF Tel: 01227 773200 Fax: 01227 276571 | This drawing is the property of Amphenol Ltd and shall not be copied or disclosed to a third party without the express permission of Amphenol Ltd Amphenol Ltd 2000 [©] | TITLE BACKSHELL STRAIGHT |
| | NOTE: ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AFTER PLATING/METAL FINISHING | SCALE | TOLERANCES | | | Drawing Number AIA 2500 SERIES |

Amphenol

| SERIES CODE | CONNECTOR TYPE (TYPICAL) | SHELL SIZE |
|-------------|---|------------|
| 22 | MIL-C-26482 SERIES 1 PAT 105, 603 & 608 | 8-24 |
| 26 | MIL-C-38999 SERIES 1 & 2 PAT 614 & 616 PAN 6433-1 | 8-24 |
| 28 | MIL-C-83723 SERIES 1 & 3 MIL-C-26482 SERIES 2 PAT 602 & PAN 6432-1 & -4 | 8-24 |
| 32 | MIL-C-38999 SERIES 3 & 4 METRIC THREADS (EN3645) | 9-25 |
| 38 | PAN 6433-2 LN29729 | 8-24 |

FOR OTHER CONNECTOR SPECS PLEASE
CONSULT FACTORY

| SHELL SIZE | A THREAD 22/26/30 SERIES | A THREAD 28 SERIES | A THREAD 32 SERIES | B DIA MAX | C DIA MAX |
|------------|-----------------------------|-----------------------|-----------------------|--------------|--------------|
| 08/09 | 7/16" - 28 UNEF | 1/2" - 20 UNF | M12 x 1.00-6H | 18.35 | 15.90 |
| 10/11 | 9/16" - 24 UNEF | 5/8" - 24 UNEF | M15 x 1.00-6H | 21.70 | 18.90 |
| 12/13 | 11/16" - 24 UNEF | 3/4" - 20 UNEF | M18 x 1.00-6H | 25.10 | 22.15 |
| 14/15 | 13/16" - 20 UNEF | 7/8" - 20 UNEF | M22 x 1.00-6H | 28.95 | 25.35 |
| 16/17 | 15/16" - 20 UNEF | 1.000" - 20 UNEF | M25 x 1.00-6H | 31.90 | 28.00 |
| 18/19 | 1 1/16" - 18 UNEF | 1 1/16" - 18 UNEF | M28 x 1.00-6H | 34.65 | 30.35 |
| 20/21 | 1 3/16" - 18 UNEF | 1 3/16" - 18 UNEF | M31 x 1.00-6H | 36.65 | 33.85 |
| 22/23 | 1 5/16" - 18 UNEF | 1 5/16" - 18 UNEF | M34 x 1.00-6H | 40.95 | 36.85 |
| 24/25 | 1 7/16" - 18 UNS | 1 7/16" - 18 UNEF | M37 x 1.00-6H | 43.80 | 40.85 |

| ENTRY CODE | CABLE ACCOMMODATION | D DIA |
|------------|---------------------|-------|
| 08/09 | 7.0 | 12.3 |
| 10/11 | 9.3 | 13.1 |
| 12/13 | 12.7 | 17.4 |
| 14/15 | 14.4 | 19.2 |
| 16/17 | 17.8 | 21.5 |
| 18/19 | 19.6 | 23.7 |
| 20/21 | 24.1 | 27.9 |
| 22/23 | 27.0 | 30.9 |
| 24/25 | 29.3 | 33.5 |

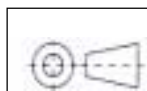
| CODE | LENGTH |
|------|--------|
| 1 | N/A |
| 2 | 1" |
| 3 | 1 1/2" |
| 4 | 2" |
| 5 | 2 1/2" |
| 6 | 3" |
| 7 | 3 1/2" |

WORKING LENGTH
CODE 2 IS THE MINIMUM

| CODE | DESCRIPTION |
|------|------------------------------------|
| J | ELECTROLESS NICKEL |
| W | CAD PLATE / OLIVE DRAB PASSIVATE |
| Z | ZINC COBALT + OLIVE DRAB PASSIVATE |

OTHER PLATING FINISHES AVAILABLE - PLEASE CONSULT
FACTORY

| MATERIAL CODE | |
|---------------|-----------------|
| 01 | ALUMINIUM |
| 02 | STAINLESS STEEL |
| 03 | ALI BRONZE |
| 04 | MILD STEEL |
| 05 | BRASS |



THIRD ANGLE
PROJECTION

MATERIAL AND FINISH CODES
ARE SPECIFIED ON ORDER

NOTE:
ALL DIMENSIONS SHOWN ARE
FINISHED DIMENSIONS AFTER
PLATING/METAL FINISHING

CHECKED

SCALE

DIMENSIONS IN
MM

TOLERANCES

AMPHENOL LTD
Amphenol Ltd
Thanet Way,
Whitstable, Kent.
CT5 3JF
Tel: 01227 773200 Fax: 01227 276571

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Amphenol Ltd 2000®

TITLE

**BACKSHELL
STRAIGHT**

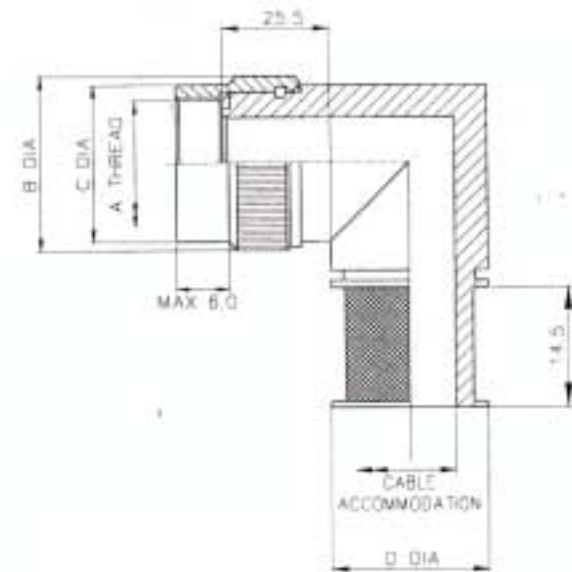
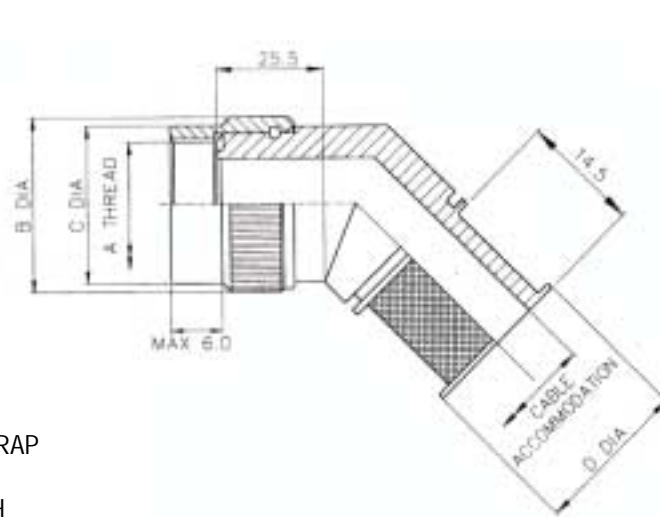
Drawing Number

AIA 2500 SERIES

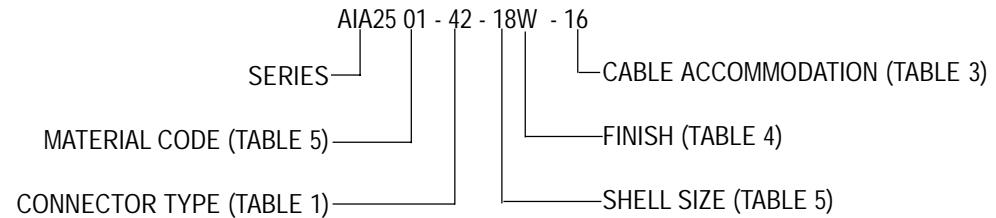
Amphenol

NOTES:

1. THIS DATA SHEET COVERS 42/46/48/52/58 & 82/86/88/92/98 SERIES FOR THE AIA 2500
2. AIA 2500 USES THE BAND STRAP
3. BAND STRAP SUPPLIED WITH BACKSHELL SHOWN BELOW



TYPICAL PART NUMBER



| | | | | | | |
|---|--|---------|------------------|--|--|--|
|  THIRD ANGLE PROJECTION | MATERIAL AND FINISH CODES ARE SPECIFIED ON ORDER | CHECKED | DIMENSIONS IN MM | AMPHENOL LTD Amphenol Ltd Thanet Way, Whitstable, Kent. CT5 3JF Tel: 01227 773200 Fax: 01227 276571 | This drawing is the property of Amphenol Ltd and shall not be copied or disclosed to a third party without the express permission of Amphenol Ltd Amphenol Ltd 2000® | TITLE BACKSHELL 45°/90° |
| | NOTE: ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AFTER PLATING/METAL FINISHING | SCALE | TOLERANCES | | | Drawing Number AIA 2500 SERIES |

Amphenol

| SERIES CODE | CONNECTOR TYPE (TYPICAL) | SHELL SIZE |
|-------------|---|------------|
| 42/82 | MIL-C-26482 SERIES 1 PAT 105, 603 & 608 | 8-24 |
| 46/86 | MIL-C-38998 SERIES 1 & 2 PAT 614 & 616 PAN 6433-1 | 8-24 |
| 48/88 | MIL-C-83723 SERIES 1 & 3 MIL-C-26482 SERIES 2 PAT 602 & PAN 6432-1 & -4 | 8-24 |
| 52/92 | MIL-C-38999 SERIES 3 & 4 METRIC THREADS (EN3646) | 9-25 |
| 58/98 | PAN 6433-2 LN29729 | 8-24 |

NOTE:
42 / 46 / 48 / 52 / 58 CALL
UP 45° BACKSHELLS
82 / 86 / 88 / 92 / 98 CALL
UP 90° BACKSHELLS

FOR OTHER CONNECTOR SPECS PLEASE
CONSULT FACTORY

| SHELL SIZE | A THREAD 22/26/38 SERIES | A THREAD 28 SERIES | A THREAD 32 SERIES | B DIA MAX | C DIA MAX |
|------------|--------------------------|--------------------|--------------------|-----------|-----------|
| 08/09 | 7/16" - 28 UNEF | 1/2" - 20 UNF | M12 x 1.00-6H | 18.35 | 15.90 |
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| ENTRY CODE | CABLE ACCOMMODATION | D DIA |
|------------|---------------------|-------|
| 08/09 | 7.5 | 12.3 |
| 10/11 | 9.3 | 13.1 |
| 12/13 | 12.7 | 17.4 |
| 14/15 | 14.4 | 19.2 |
| 16/17 | 17.8 | 21.5 |
| 18/19 | 19.6 | 23.7 |
| 20/21 | 24.1 | 27.9 |
| 22/23 | 27.0 | 30.9 |
| 24/25 | 29.2 | 33.5 |

| CODE | DESCRIPTION |
|--|--------------------------------------|
| J | ELECTROLESS NICKEL |
| W | CADMIUM PLATE / OLIVE DRAB PASSIVATE |
| Z | ZINC COBALT + OLIVE DRAB PASSIVATE |
| OTHER PLATING FINISHES AVAILABLE - PLEASE CONSULT FACTORY | |

| MATERIAL CODE | |
|---------------|------------------|
| 01 | ALUMINIUM |
| 02 | STAINLESS STEEL |
| 03 | ALUMINIUM BRONZE |
| 04 | MILD STEEL |
| 05 | BRASS |

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