

Amphenol

Interconnection Accessories

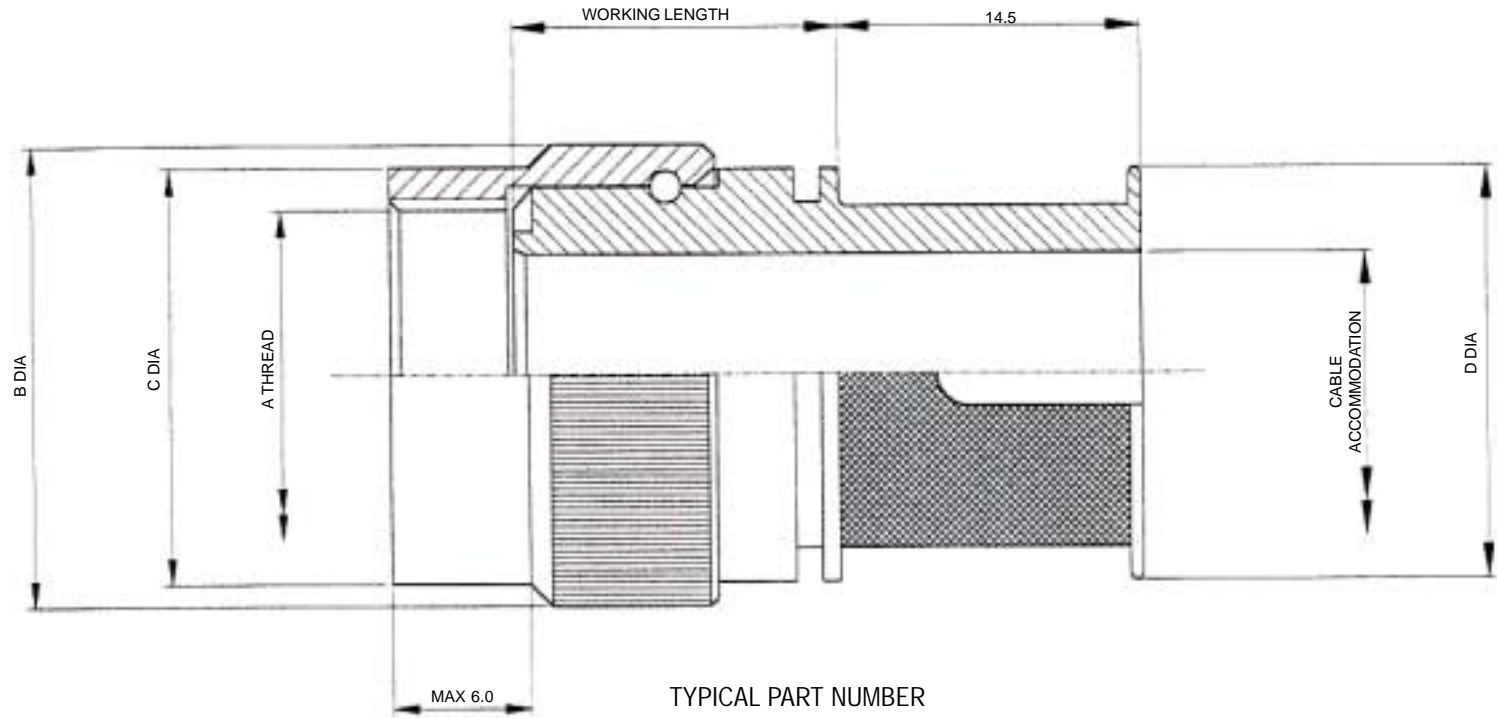
REWORKABLE BAND CLAMP

2800 Series



- High levels of EMC performance
- Overall screening by Reworkable Band Clamp
- Individual screening by interwoven braid and slotted body
- Lightweight and compact
- Sealing by heat shrink boot

Amphenol

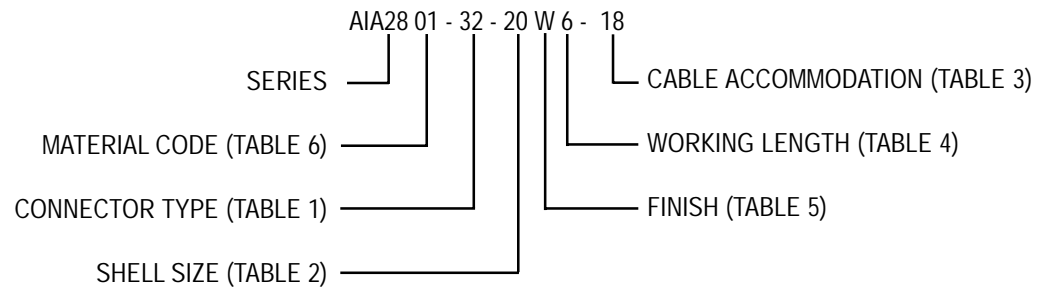


NOTES:

1. THIS DATA SHEET COVERS 22 / 26 / 28 / 32 / 38 SERIES FOR THE AIA 2800
2. AIA 2800 USES THE LOW PROFILE CLAMP
3. LOW PROFILE CLAMP AND BRAID 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 2800 SERIES

Amphenol

SERIES CODE	CONNECTOR TYPE (TYPICAL)	SHELL SIZE
22	MIL-C-26482 SERIES 1 PAT 105, 603 & 608	8-24
25	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 22/29/38 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
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	34.85	30.35
20/21	1 3/16" - 18 UNEF	1 3/16" - 18 UNEF	M31 x 1.00-6H	36.85	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	7.5	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

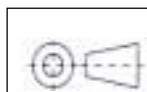
CODE	LENGTH
1	N/A
2	1"
3	1 1/2"
4	2"
5	2 1/2"
6	3"
7	3 1/2"

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	AL / 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

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®

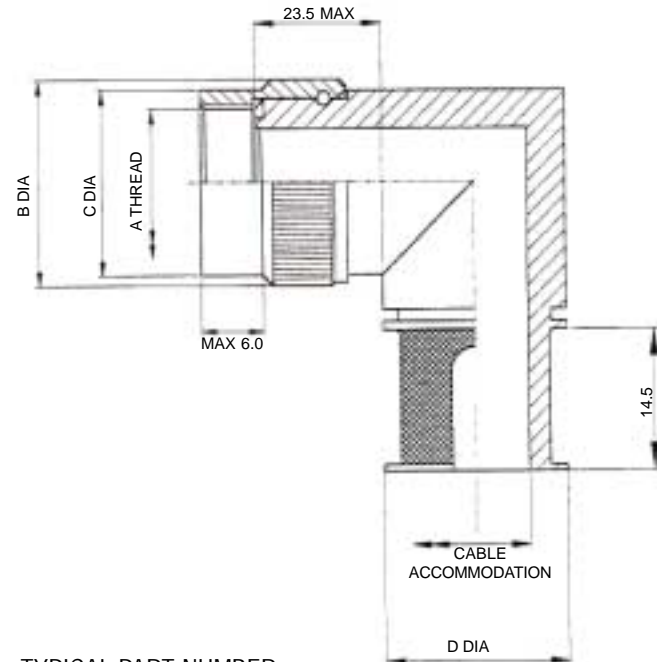
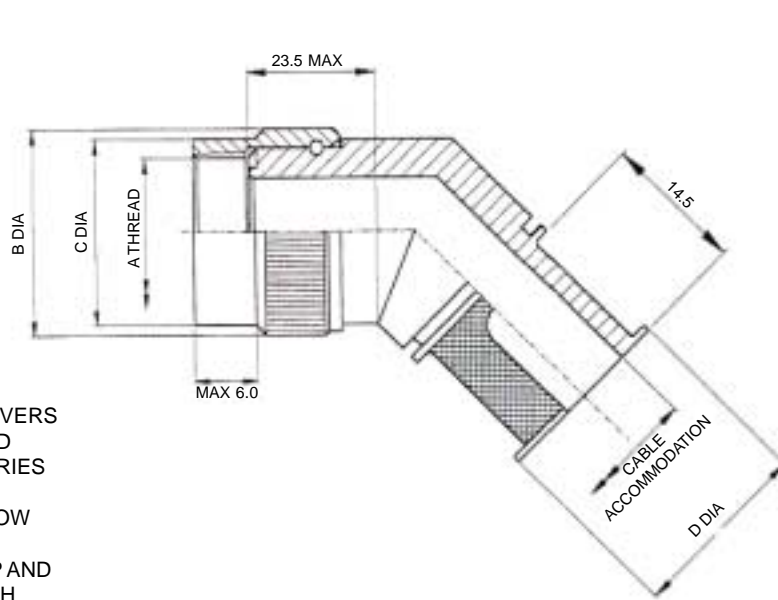
TITLE

**BACKSHELL
STRAIGHT**

Drawing Number

AIA 2800 SERIES

Amphenol

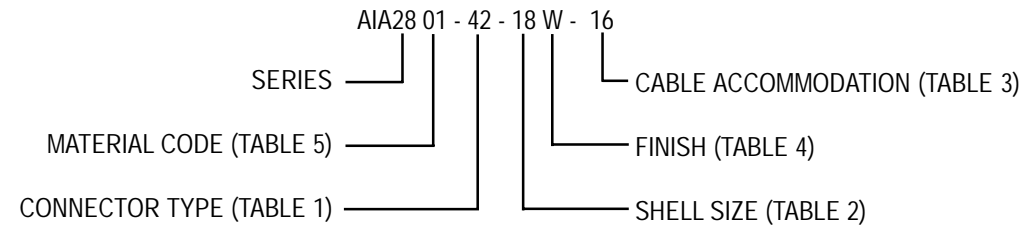


NOTES:

1. THIS DATA SHEET COVERS 42 / 46 / 48 / 52 / 58 AND 82 / 86 / 88 / 92 / 98 SERIES FOR THE AIA 2800
2. AIA 2800 USES THE LOW PROFILE CLAMP
3. LOW PROFILE CLAMP AND BRAID 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 2800 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-38999 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 (EN3645)	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

SHELL SIZE	A THREAD 22/26/38 SERIES	A THREAD 26 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	34.85	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	36.65
24/25	1 7/16" - 18 UNS	1 7/16" - 18 UNEF	M37 x 1.00-6H	43.80	40.65

FOR OTHER CONNECTOR SPECS PLEASE CONSULT FACTORY

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

 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 2800 SERIES