

Amphenol

Interconnection Accessories

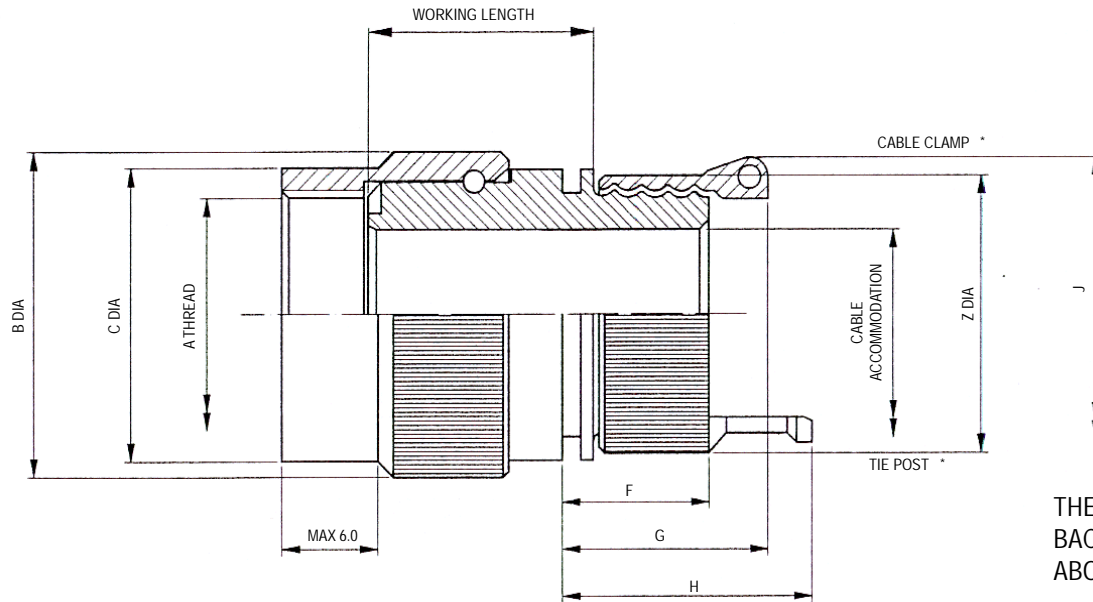
Braid Trap

2400 Series



- High EMC performance
- Overall screening by braid trap system
- Lightweight and compact
- Sealing by heat shrink boot

Amphenol

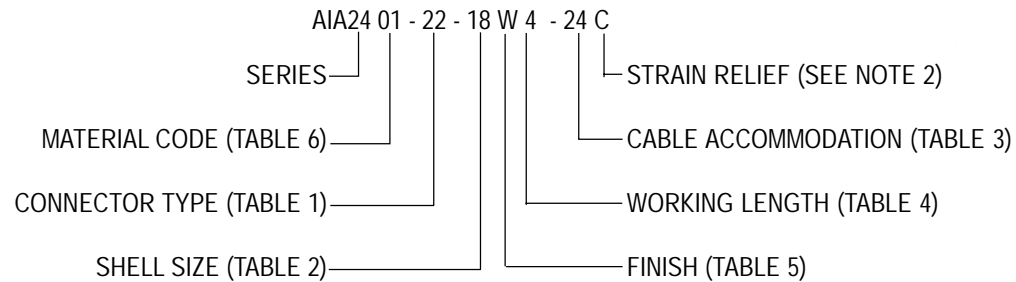


NOTES:

1. THIS DATA SHEET COVERS 22/26/28/32/38 SERIES FOR THE AIA 2400
2. FOR STRAIN RELIEF USE "C" FOR CLAMPS, "T" FOR TIE POST AND "N" FOR PLAIN NUT

THERE ARE 3 VERSIONS OF BACK NUTS. 2 DEPICTED ABOVE PLUS THE PLAIN NUT

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 2400 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 22/26/38 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	36.65	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	43.60	40.65

ENTRY CODE	CABLE ACCOMMODATION	F DIM MAX	G DIM MAX	H DIM MAX	Z DIA MAX	J MAX WIDTH
08/09	5.6	15.0	28.5	38.5	14.0	19.1
10/11	8.1				15.7	22.1
12/13	11.1				20.1	25.4
14/15	12.1				21.8	26.7
16/17	15.2				24.9	31.8
18/19	17.1				26.9	35.1
20/21	19.7				31.5	38.1
22/23	23.6				34.6	41.4
24/25	27.0				37.1	44.5

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

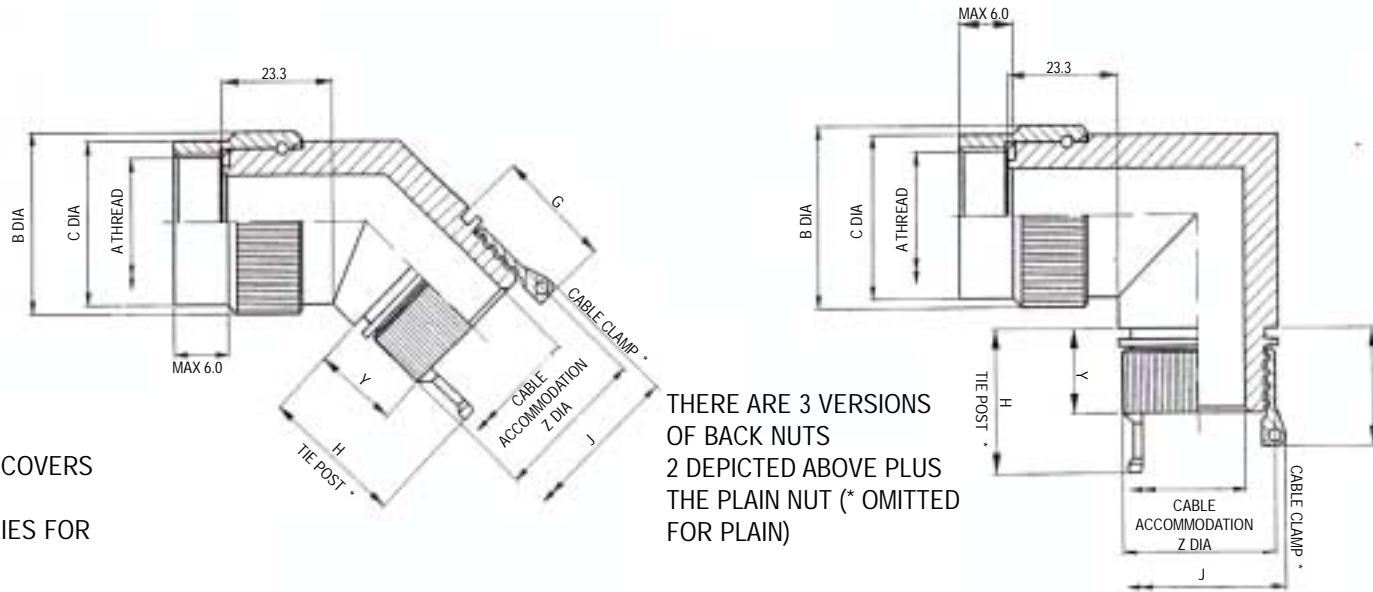
CODE	DESCRIPTION
J	ELECTROLESS NICKEL
W	CAD PLATE / OLIVE DRAB PASSIVATE
Z	ZINC COBALT + OLIVE DRAB PASSIVATE

OTHER PLATING FINISHES AVAILABLE -
PLEASE CONSULT FACTORY

MATERIAL CODE	
01	ALUMINIUM
02	STAINLESS STEEL
03	ALU 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
	NOTE: ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AFTER PLATING/METAL FINISHING	SCALE	TOLERANCES			BACKSHELL STRAIGHT Drawing Number AIA 2400 SERIES

Amphenol

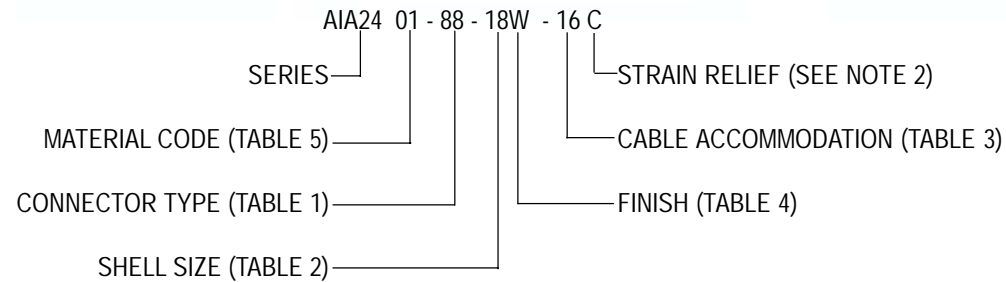



NOTES:

1. THIS DATA SHEET COVERS 42/46/48/52/58 & 82/86/88/92/98 SERIES FOR THE AIA 2400
2. FOR STRAIN RELIEF USE "C" FOR CLAMPS, "T" FOR TIE POST AND "N" FOR PLAIN NUT

THERE ARE 3 VERSIONS OF BACK NUTS 2 DEPICTED ABOVE PLUS THE PLAIN NUT (* OMITTED FOR PLAIN)

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 2400 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-38899 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-38899 SERIES 3 & 4 METRIC THREADS (EN3645)	9-25
56/96	PAN 6433-2 LN29729	8-24

NOTE:
42 / 46 / 48 / 52 / 56
CALL 45°
BACKSHELLS
82 / 86 / 88 / 92 / 96
CALL 90°
BACKSHELLS

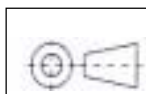
FOR OTHER CONNECTOR SPECS PLEASE
CONSULT FACTORY

SHELL SIZE	A THREAD 22/26/36 SERIES	A THREAD 28 SERIES	A THREAD 32 SERIES	B DIA MAX	C DIA MAX
08/08	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	M16 x 1.00-6H	21.70	18.90
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10/11	8.1				15.7	22.1
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14/15	12.1				21.8	28.7
16/17	15.2				24.9	31.8
18/19	17.1				26.9	35.1
20/21	19.7				31.5	36.1
22/23	23.6				34.8	41.4
24/25	27.0				37.1	44.5

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MATERIAL CODE	
01	ALUMINIUM
02	STAINLESS STEEL
03	ALU 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
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Amphenol Ltd 2000°

TITLE

BACKSHELL
45°/90°

Drawing Number

AIA 2400 SERIES