

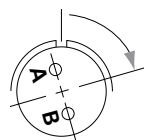
Insert Arrangements

RS Series • MIL-DTL-5015 Series Reverse Bayonet

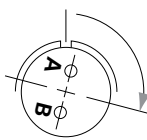
Selecting Your Insert Arrangement & Rotation

Below is a chart that represents every available shell and insert arrangement within the series. To choose the proper insert arrangement, you must first distinguish your application requirements for contact size and amount.

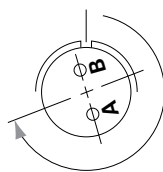
Rotations are designated at the time of ordering using rotation labels N (normal), W, X, Y, and Z. Some insert arrangements have limited or no alternate rotation options. Refer to the chart below for possible rotations for specific arrangements. ■



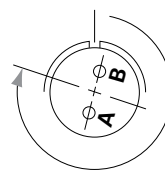
Position W



Position X



Position Y



Position Z

Looking into front face of pin insert or rear of socket insert.

Insert Arrangement Selection Chart

Insert Arrangement	Total Contacts	Contact Size					Service Rating	Alternate Insert Rotation			
		#16	#12	#8	#4	#0		W	X	Y	Z
10SL-3	3	3					A				
10SL-4	2	2					A	63°			
14S-1	3	3					A				
14S-2	4	4					Inst.		120°	240°	
14S-4	1	1					D				
14S-5	5	5					Inst.		110°		
14S-6	6	6					Inst.				
14S-7	3	3					A	90°	180°	270°	
14S-9	2	2					A	70°	145°	215°	290°
16-7	3	2		1			A	80°	110°	250°	280°
16-9	4	2	2				A	35°	110°	250°	325°
16-10	3		3				A	90°	180°	270°	
16-11	2		2				A	35°	110°	250°	325°
16-12	1				1		A				
16S-1	7	7					A	80°			280°
16S-4	2	2					D	35°	110°	250°	325°
16S-5	3	3					A	70°	145°	215°	290°
16S-8	5	5					A		170°	265°	
18-1	10	10					A/Inst.	70°	145°	215°	290°
18-3	2		2				D	35°	110°	250°	325°
18-4	4	4					D	35°	110°	250°	325°
18-5	3	1	2				D	80°	110°	250°	280°
18-6	1				1		D				
18-7	1			1			B				
18-8	8	7	1				A	70°			290°
18-9	7	5	2				Inst.	80°	110°	250°	280°
18-10	4		4				A		120°	240°	
18-11	5		5				A		170°	265°	
18-12	6	6					A	80°			280°
18-13	4		3	1			A	80°	110°	250°	280°
18-19	10	10					A				
18-20	5	5					A	90°	180°	270°	

(Continued on next page)

Insert Arrangement Selection Chart (Continued from previous page)

Insert Arrangement	Total Contacts	Contact Size					Service Rating	Alternate Insert Rotation			
		#16	#12	#8	#4	#0		W	X	Y	Z
18-22	3	3					D	70°	145°	215°	290°
20-2	1					1	D				
20-3	3		3				D	70°	145°	215°	290°
20-4	4		4				D	45°	110°	250°	
20-6	3	3					D	70°	145°	215°	290°
20-7	8	8					D/A	80°	110°	250°	280°
20-8	6	4		2			Inst.	80°	110°	250°	280°
20-11	13	13					Inst.				
20-14	5		3	2			A	80°	110°	250°	280°
20-15	7		7				A	80°			280°
20-16	9	7	2				A	80°	110°	250°	280°
20-17	6	1	5				A	90°	180°	270°	
20-18	9	6	3				A	35°	110°	250°	325°
20-19	3			3			A	90°	180°	270°	
20-22	6	3		3			A	80°	110°	250°	280°
20-23	2			2			A	35°	110°	250°	325°
20-27	14	14					A	35°	110°	250°	325°
20-29	17	17					A	80°			280°
20-33	11	11					A				280°
22-1	2			2			D	35°	110°	250°	325°
22-2	3			3			D	70°	145°	215°	290°
22-4	4		2	2			A	35°	110°	250°	325°
22-7	1					1	E				
22-8	2		2				E	35°	110°	215°	325°
22-9	3		3				E	70°	145°	250°	290°
22-10	4	4					E	35°	110°	215°	325°
22-11	2	2					B	35°	110°	250°	325°
22-12	5	3		2			D	80°	110°	250°	280°
22-14	19	19					A	80°	110°	250°	280°
22-18	8	8					D/A	80°	110°	250°	280°
22-19	14	14					A	80°	110°	250°	280°
22-20	9	9					A	35°	110°	250°	325°
22-21	3	2				1	A	80°	110°	250°	280°
22-22	4			4			A		110°	250°	
22-23	8		8				D/A	35°		250°	
22-28	7		7				A	80°			280°
24-2	7		7				D	80°			280°
24-5	16	16					A	80°	110°	250°	280°
24-6	8		8				D/A	80°	110°	250°	280°
24-7	16	14	2				D	80°	110°	250°	280°
24-9	2				2		A	35°	110°	250°	325°
24-10	7			7			A	80°			280°
24-11	9		6	3			A	35°	110°	250°	325°
24-12	5		3		2		A	80°	110°	250°	280°
24-19	12	12					A				
24-20	11	9	2				D	80°	110°	250°	280°

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Insert Arrangements

RS Series • MIL-DTL-5015 Series Reverse Bayonet

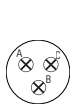
Insert Arrangement Selection Chart (Continued from previous page)

Insert Arrangement	Total Contacts	Contact Size					Service Rating	Alternate Insert Rotation			
		#16	#12	#8	#4	#0		W	X	Y	Z
24-21	10	9		1			D	80°	110°	250°	280°
24-22	4			4			D	45°	110°	250°	
24-27	7	7					E	80°			280°
24-28	24	24					Inst.	80°	110°	250°	280°
28-5	5	2	1		2		D	35°	110°	250°	325°
28-9	12	6	6				D	80°	110°	250°	280°
28-10	7		3	2	2		D/A	80°	110°	250°	280°
28-11	22	18	4				A	80°	110°	250°	280°
28-12	26	26					A	90°	180°	270°	
28-15	35	35					A	80°	110°	250°	280°
28-16	20	20					A	80°	110°	250°	280°
28-20	14	4	10				A	80°	110°	250°	280°
28-21	37	37					A	80°	110°	250°	280°
28-22	6	3			3		D	70°	145°	250°	290°
32-1	5		3			2	E/D	80°	110°	250°	280°
32-5	2					2	D	35°	110°	250°	325°
32-6	23	16	2	3	2		A	80°	110°	250°	280°
32-7	35	28	7				Inst./A	80°	125°	235°	280°
32-8	30	24	6				A	80°	125°	235°	280°
32-9	14	12			2		D	80°	110°	250°	280°
32-15	8		6			2	D	35°	110°	250°	280°
32-17	4				4		D	45°	110°	250°	
36-3	6		3			3	D	70°	145°	215°	290°
36-5	4					4	A		120°	240°	
36-6	6				4	2	A	35°	110°	250°	325°
36-9	31	14	14	2	1		A	80°	125°	235°	280°
36-10	48	48					A	80°	125°	235°	280°
36-14	16	6	5	5			D	90°	180°	270°	
36-15	35	35					D/A	60°	125°	245°	305°

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Insert Arrangement Drawings

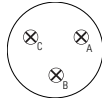
RS Series • MIL-DTL-5015 Reverse Bayonet



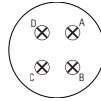
10SL-3
A
3 x #16



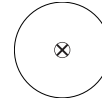
10SL-4
A
2 x #16



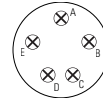
14S-1
A
3 x #16



14S-2
Inst.
4 x #16

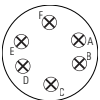


14S-4
D
1 x #16

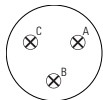


14S-5
Inst.
5 x #16

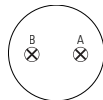
Arrangement
Service Rating
Number of Contacts



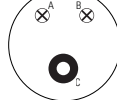
14S-6
Inst.
6 x #16



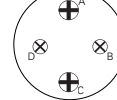
14S-7
A
3 x #16



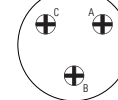
14S-9
A
2 x #16



16-7
A
1 x #8
2 x #16

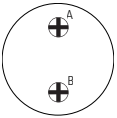


16-9
A
2 x #12
2 x #16

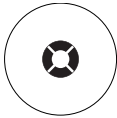


16-10
A
3 x #12

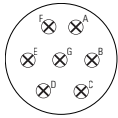
Arrangement
Service Rating
Number of Contacts



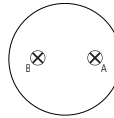
16-11
A
2 x #12



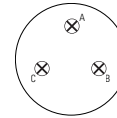
16-12
A
1 x #4



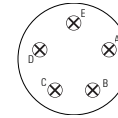
16S-1
A
7 x #16



16S-4
D
2 x #16

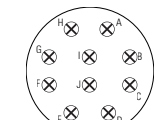


16S-5
A
3 x #16

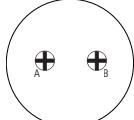


16S-8
A
5 x #16

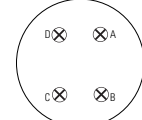
Arrangement
Service Rating
Number of Contacts



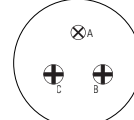
18-1
B,C,F,G=A; Bal.=Inst.
10 x #16



18-3
D
2 x #12



18-4
D
4 x #16



18-5
D
2 x #12
1 x #16

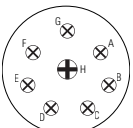


18-6
D
1 x #4

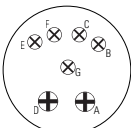


18-7
B
1 x #8

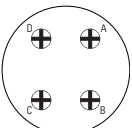
Arrangement
Service Rating
Number of Contacts



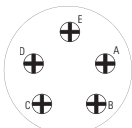
18-8
A
1 x #12
7 x #16



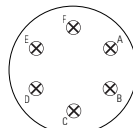
18-9
Inst.
2 x #12
5 x #16



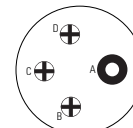
18-10
A
4 x #12



18-11
A
5 x #12



18-12
A
6 x #16



18-13
A
1 x #8
3 x #12

Arrangement
Service Rating
Number of Contacts

Contact Legend



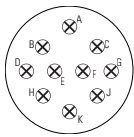
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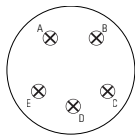
Insert Arrangement Drawings

RS Series • MIL-DTL-5015 Series Reverse Bayonet

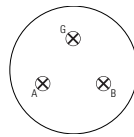
Arrangement
Service Rating
Number of Contacts



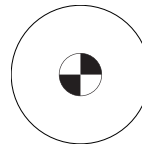
18-19
A
10 x #16



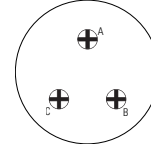
18-20
A
5 x #16



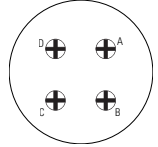
18-22
D
3 x #16



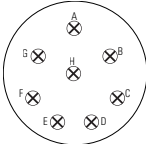
20-2
D
1 x #0



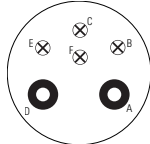
20-3
D
3 x #12



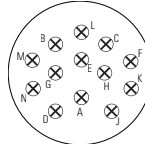
20-4
D
4 x #12



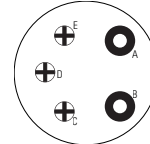
20-7
A, B, H, G=D; C, D, E, F=A
8 x #16



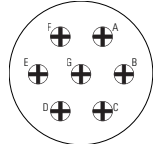
20-8
Inst.
2 x #8; 4 x #16



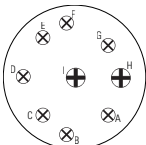
20-11
Inst.
13 x #16



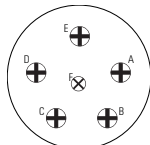
20-14
A
2 x #8
3 x #12



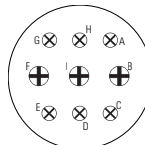
20-15
A
7 x #12



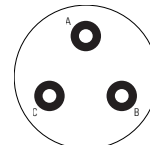
20-16
A
2 x #12
7 x #16



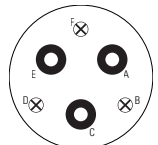
20-17
A
5 x #12
1 x #16



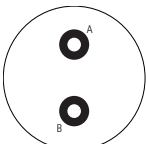
20-18
A
3 x #12
6 x #16



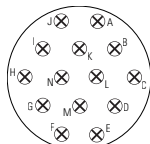
20-19
A
3 x #8



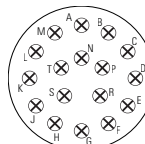
20-22
A
3 x #8
3 x #16



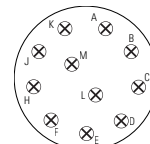
20-23
A
2 x #8



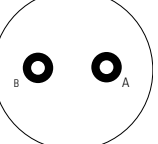
20-27
A
14 x #16



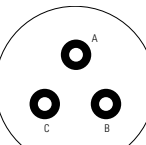
20-29
A
17 x #16



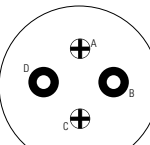
20-33
A
11 x #16



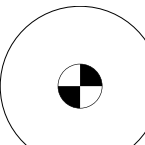
22-1
D
2 x #8



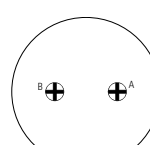
22-2
D
3 x #8



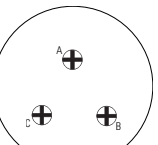
22-4
A
2 x #8
2 x #12



22-7
E
1 x #0



22-8
E
2 x #12



22-9
E
3 x #12

Contact Legend #0 #4 #8 #10 #12 #16

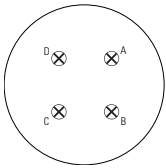
(Continued on next page)

Rev. 1926

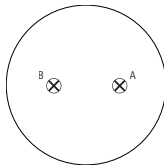
Insert Arrangement Drawings

RS Series • MIL-DTL-5015 Reverse Bayonet

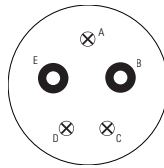
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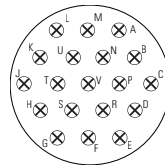
22-10
E
4 x #16



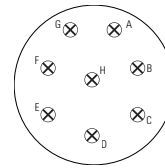
22-11
B
2 x #16



22-12
D
2 x #8
3 x #16

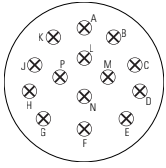


22-14
A
19 x #16

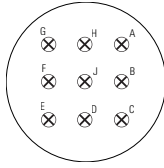


22-18
A,B,F,G,H=D; C,D,E=A
8 x #16

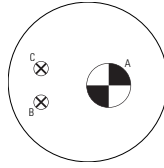
Arrangement
Service Rating
Number of Contacts



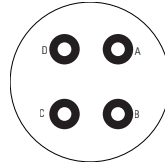
22-19
A
14 x #16



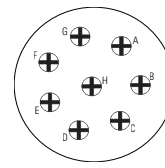
22-20
A
9 x #16



22-21
A
1 x #0
2 x #16

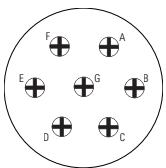


22-22
A
4 x #8

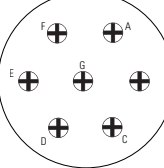


22-23
H=D; Bal.=A
8 x #12

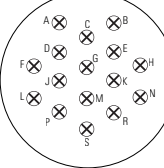
Arrangement
Service Rating
Number of Contacts



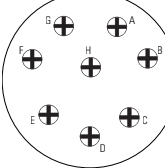
22-28
A
7 x #12



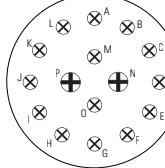
24-2
D
7 x #12



24-5
A
16 x #16

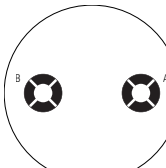


24-6
A,G,H=D; Bal.=A
8 x #12

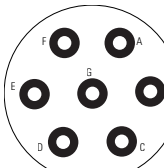


24-7
A
2 x #12
14 x #16

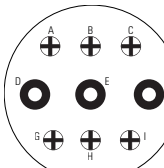
Arrangement
Service Rating
Number of Contacts



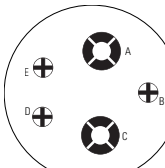
24-9
A
2 x #4



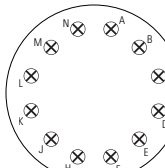
24-10
A
7 x #8



24-11
A
3 x #8
6 x #12

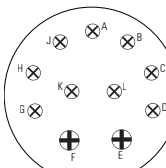


24-12
A
2 x #4
3 x #12

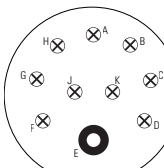


24-19
A
12 x #16

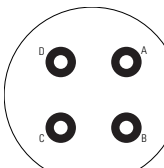
Arrangement
Service Rating
Number of Contacts



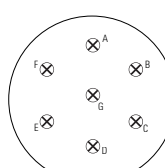
24-20
D
2 x #12
9 x #16



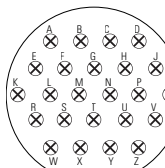
24-21
D
1 x #8
9 x #16



24-22
D
4 x #8



24-27
E
7 x #16



24-28
Inst.
24 x #16

Arrangement
Service Rating
Number of Contacts

Contact Legend



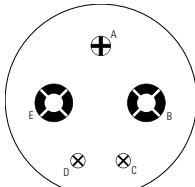
Rev. 1926

(Continued on next page)

Insert Arrangements

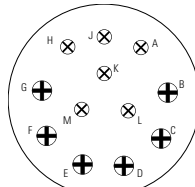
RS Series • MIL-DTL-5015 Series Reverse Bayonet

(Continued from previous page)

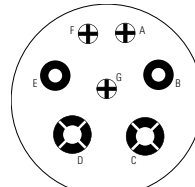


Arrangement
Service Rating
Number of Contacts

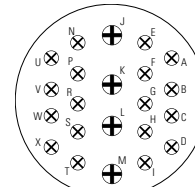
28-5
D
2 x #4
1 x #12
2 x #16



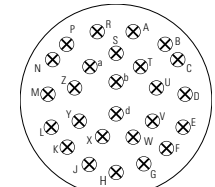
28-9
D
6 x #12
6 x #16



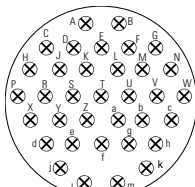
28-10
G=D; Bal.=A
2 x #4
2 x #8
3 x #12



28-11
A
4 x #12
18 x #16

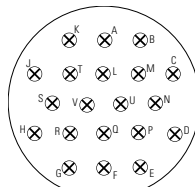


28-12
A
26 x #16

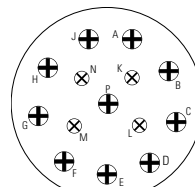


Arrangement
Service Rating
Number of Contacts

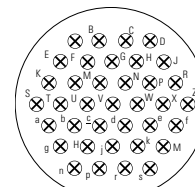
28-15
A
35 x #16



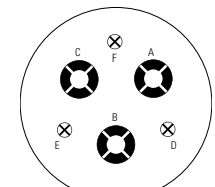
28-16
A
20 x #16



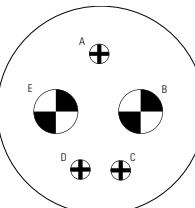
28-20
A
10 x #12
4 x #16



28-21
A
37 x #16

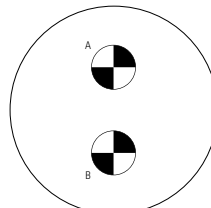


28-22
D
3 x #4
3 x #16

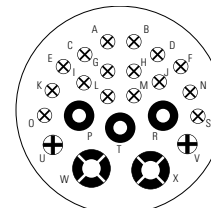


Arrangement
Service Rating
Number of Contacts

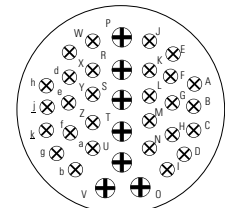
32-1
A=E; B,C,D,E=D
2 x #0
3 x #12



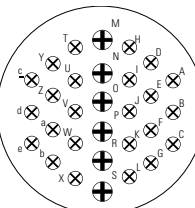
32-5
D
2 x #0



32-6
A
2 x #4; 3 x #8
2 x #12; 16 x #16

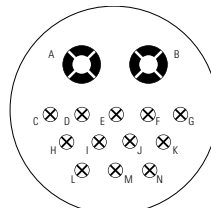


32-7
A,B,H,J=Inst.; Bal.=A
7 x #12
28 x #16

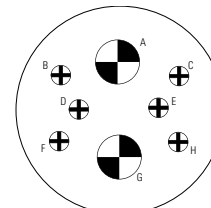


Arrangement
Service Rating
Number of Contacts

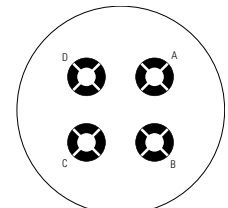
32-8
A
6x #12
24x #16



32-9
D
2 x #4
12 x #16



32-15
D
2 x #0
6 x #12

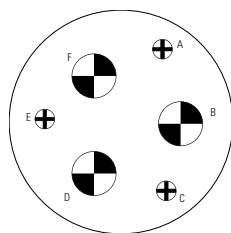


32-17
D
4 x #4

Contact Legend #0 #4 #8 #10 #12 #16

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(Continued from previous page)

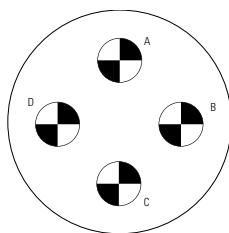


36-3

D

3 x #0

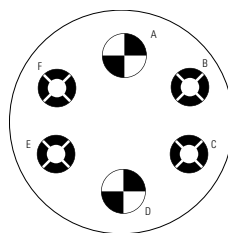
3 x #12



36-5

A

4 x #0

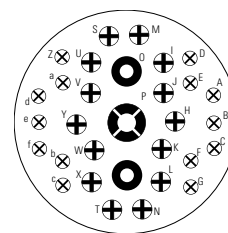


36-6

A

2 x #0

4 x #4



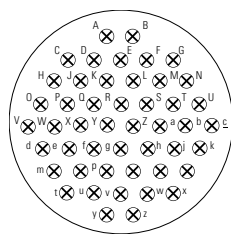
36-9

A

1 x #4; 2 x #8

14 x #12; 14 x #16

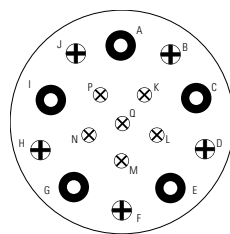
Arrangement
Service Rating
Number of Contacts



36-10

A

48 x #16

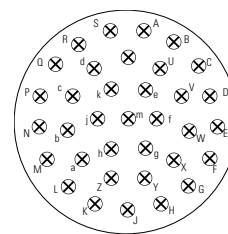


36-14

D

5 x #8; 5 x #12;

6 x #16



36-15

M=D; Bal.=A

35 x #16

Arrangement
Service Rating
Number of Contacts

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