

Industrial Connectors

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YJ95234 Connectors



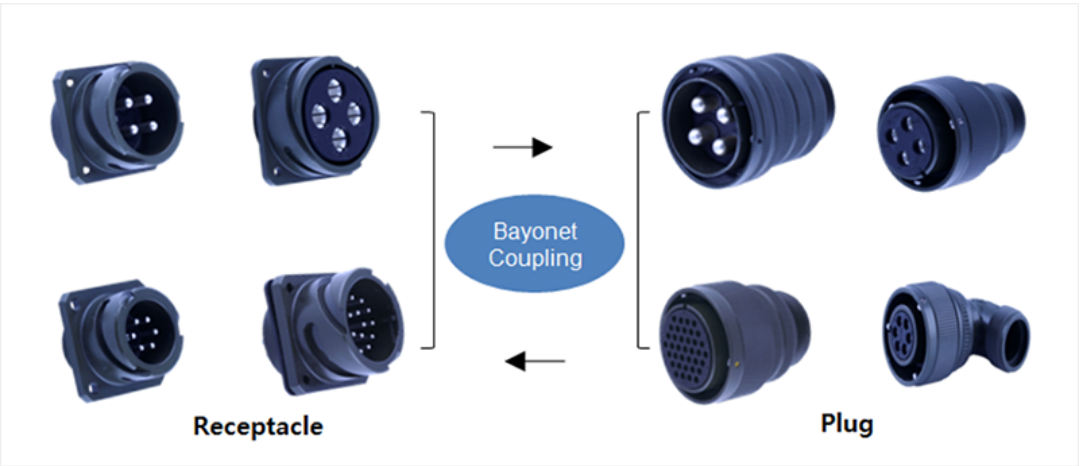
YJ 95234 Series Connector

YJ95234-Bayonet Connector is an improved version of the threaded MIL-C-5015 series, which was designed in accordance with the VG95234 specification. YJ95234 connector employs a proven bayonet coupling design that provides fast and easy connection / disconnection. The applications for this rugged connector includes the electrical equipment of tracted vehicles, heavy earth-moving equipments, ships,telecommunications and others. Connectors in accordance with VG95234 are interchangeable with the corresponding MIL-C-5015 connectors. Both connector lines feature the same shell dimensions and contacts layouts. However, due to the different coupling systems, they are not intermateable. For more information,please contact our sales depart ment.

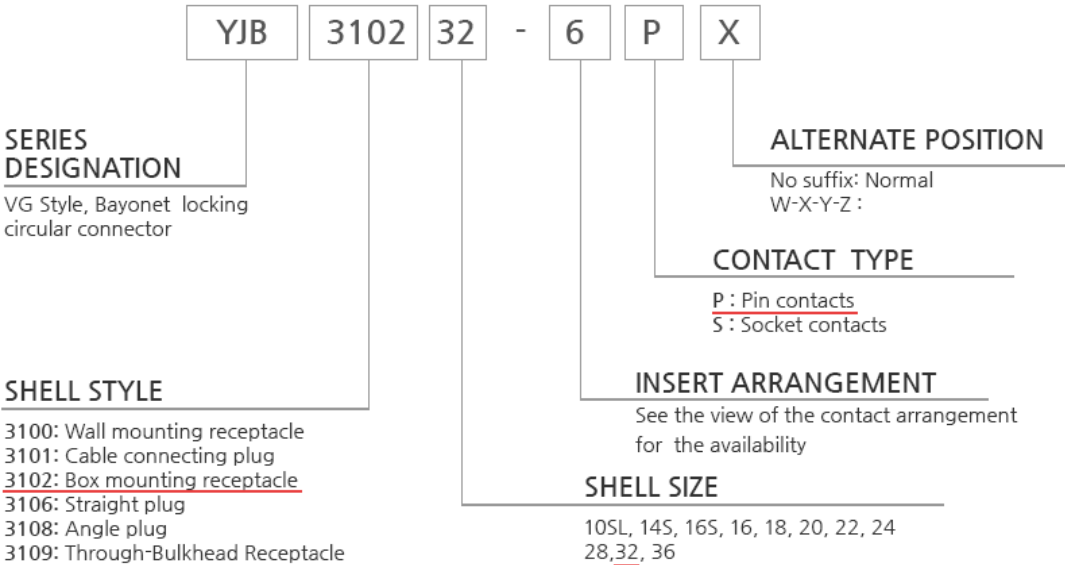
Features

- Bayonet coupling for easy mating and unmating
- Rugged shell design
- Wide selection of shell styles and contact patterns
- Solder contacts, silver plated copper alloy, sizes from #16 to #0
- Zinc alloy plating (cadmium free) available
- Intermateable with existing VG95234 connectors

Typical Mating Guide



Ordering Information



Technical Data

Materials & Finish

	Materials	Finish
Shell	Aluminum alloy	Olive drab chromate coating cadmium or Zinc *Cadmium free surface coatings are available
Contact	Copper alloy	Silver plating
Insulation	Resilient Synthetic Rubber	
Grommet and seal	Silicon Rubber	

Characteristics

Insulation resistance	Standard Insulator: 1,000MΩ, minimum (at 25°C)
Temperature range	-55°C to 125°C
Durability	500cycles connection / disconnection

Contact Rating	Test Voltage
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Contact Size (AWG)	Max. Rated current, (A)	Max.Contact Resistance, (mΩ)	Service rating	Test Voltage(V)
20	8	12	Inst.	1,050
16	22	6	A	1,600
12	41	3	B	4,000
8	74	1	D	2,500
4	135	0.5	E	3,000
0	245	0.2		

Separating force per contact			Retention test force, N
Contact Size (AWG)	N	Gage (following VG 95234 part 1)	
20	0.3	G0.99	30
16	1	G1.56	35
12	1.5	G2.36	55
8	3	G3.58	80
4	4	G5.69	90
0	8.5	G9.04	95

All specifications are subject to change without notice. For more information on the technical data and test methods, please contact our technical department.

Contact Arrangement



Shell Size 10

Insert Arrangement	10SL-3	10SL-4
Front face of pin inserts		
Service Rating	INST.A	A
Number of Contacts	3	2
Contact Size	16	16

Shell Size 14

Insert Arrangement	14S-1	14S-5	14S-6	14S-12
Front face of pin inserts				
Service Rating	A	INST	INST	A
Number of Contacts	3	5	6	3
Contact Size	16	16	16	16

Shell Size 16

Insert Arrangement	16S-1	16-10	16-11	16-12
Front face of pin inserts				

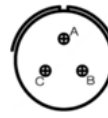
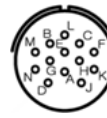
Service Rating	A	A	A	A
Number of Contacts	7	3	2	1
Contact Size	16	12	12	4

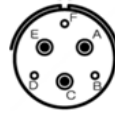
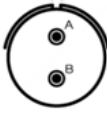
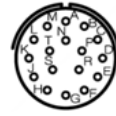
Shell Size 18

Insert Arrangement	18-1	18-5		18-8		18-10
Front face of pin inserts						
Service Rating	B, C, F, G=A; all others=INST	D		A		A
Number of Contacts	10	1	2	7	1	4
Contact Size	16	16	12	16	12	12

Insert Arrangement	18-11	18-12	18-19	18-21
Front face of pin inserts				
Service Rating	A	A	A	A
Number of Contacts	5	6	10	3
Contact Size	12	16	16	12

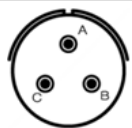
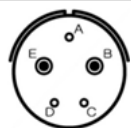
Shell Size 20

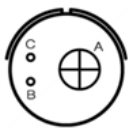
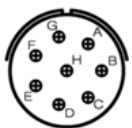
Insert Arrangement	20-2	20-3	20-11	20-19
Front face of pin inserts				
Service Rating	D	D	INST	A
Number of Contacts	1	3	13	3
Contact Size	0	12	16	8

Insert Arrangement	20-22		20-23	20-29
Front face of pin inserts				
Service Rating	A		A	A
Number of Contacts	3	3	2	17
Contact Size	16	8	8	16

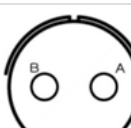
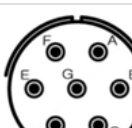
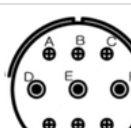
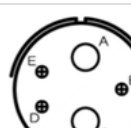
Shell Size 22

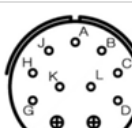
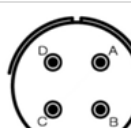
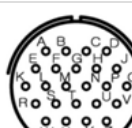
Insert Arrangement	22-2	22-12	22-14
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Front face of pin inserts				
Service Rating	D	D		A
Number of Contacts	3	2	3	19
Contact Size	8	8	16	16

Insert Arrangement	22-21		22-22	22-23
Front face of pin inserts				
Service Rating	A		A	A,B,C,D,E,F,G=A ; H=D
Number of Contacts	2	1	4	8
Contact Size	16	0	8	12

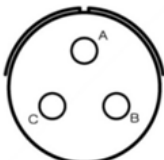
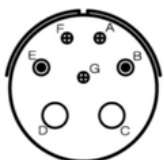
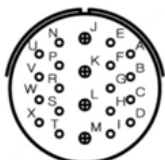
Shell Size 24

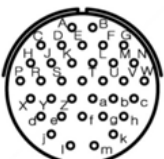
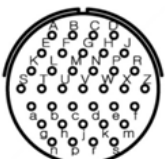
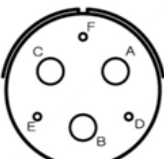
Insert Arrangement	24-9	24-10	24-11		24-12	
Front face of pin inserts						
Service Rating	A	A	A		A	
Number of Contacts	2	7	6	3	3	2
Contact Size	4	8	12	8	12	4

Insert Arrangement	24-20		24-22	24-28
Front face of pin inserts				
Service Rating	D		D	INST
Number of Contacts	9	2	4	24
Contact Size	16	12	8	16

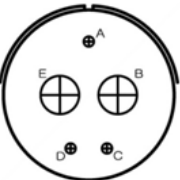
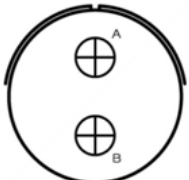
Shell Size 28

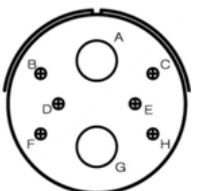
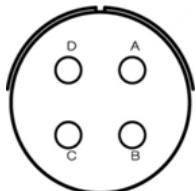
Insert Arrangement	28-6	28-10	28-11
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Front face of pin inserts						
Service Rating	D	G=D; all others=A			A	
Number of Contacts	3	3	2	2	18	4
Contact Size	4	12	8	4	16	12

Insert Arrangement	28-15		28-21		28-22	
Front face of pin inserts						
Service Rating	A		A		D	
Number of Contacts	35		37		3	3
Contact Size	16		16		16	4

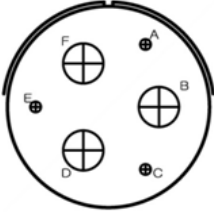
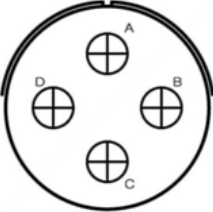
Shell Size 32

Insert Arrangement	32-1		32-5		32-7	
Front face of pin inserts						
Service Rating	A=E; all others=D		D		A,B,H,j=ISNT;; all others=A	
Number of Contacts	3	2	2		28	7
Contact Size	12	0	0		16	12

Insert Arrangement	32-15		32-17	
Front face of pin inserts				
Service Rating	D		D	
Number of Contacts	6	2	4	
Contact Size	12	0	4	

Shell Size 36

Insert Arrangement	36-3		36-5	
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Front face of pin inserts			
Service Rating	D		A
Number of Contacts	3	3	4
Contact Size	12	0	0

Other contact arrangement not listed here, Consult factory



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