



Sunkye is a company that specializes in producing specific connectors, which are widely used in both military and civil areas. The military areas include aerospace, aviation, electrical, ship-building, defense systems, and more, while the civil areas include communication, telecom, automotive, rail, oil & gas and others.

Company profile

The design team focuses on meeting customer requirements with continuous innovative technology, while the manufacturing team provides high-quality products by utilizing advanced equipment in standardized processes. This ensures that customers benefit from the products.

Sunkye is certified ISO-9001 and has passed UL, VDE, and CE certifications. Also ensures product quality by testing its products in realistic conditions with advanced test facilities and professional test employees.

The Sunkye team is committed to offering high-quality products, the best service, prompt delivery, and competitive prices for its customers.



Manufacture Equipment:

Five-Axis CNC, AGIE EDM, SODICK WEDM-LS, 40G Vector Network Analyzers, Vacuum Heat Treatment Equipment, Glass-sintered System, Laser Processing Center, High Velocity Ram Machine, Gold, Nickel and Cadmium Plating Production Line, Thermosetting Injection Machine, Thermoplastic Injection Machine, Swiss Automatic Lathe, etc.

Test Facilities:

Comprehensive Test Instrument of Temperature, Humidity and Vibration; Experimental Box of Temperature and Shock; Layer Thickness Meter; Coordinate Measurement Machine, etc.





MIL-DTL-83513 Micro-D Connectors

SUNKYE

A large, stylized graphic on the left side of the page. It features a blue circle with white clouds, partially enclosed by a white, curved, semi-circular shape that resembles a stylized 'C' or a partial ring. The background of the entire page is white.

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MIL-DTL-83513 Micro-D Connectors

R04A Series Crimping Connectors



Brief Introduction

- Micro-D Connectors
- Twist Pin Contacts, High Density
- Metal Shell, Nickel, Gold or Cadmium Plating
- Crimping Connectors
- The Sectional Area of Cable: 0.1mm²~0.15mm², 0.07mm²
- Meets MIL-DTL-83513

Specifications

Environment Temperature:	-55°C ~+125°C
Vibration:	10Hz~2000Hz, 196m/s ²
Random Vibration:	Power spectrum density 0.4G ² /Hz, root mean square value of total acceleration 23.1G.
Shock:	735m/s ² 11ms
Rated Current:	3A
Contact Resistance:	≤10mΩ
Insulation Resistance:	≥5000MΩ
Dielectric Strength:	800V
Durability:	500 times

Product Stereogram

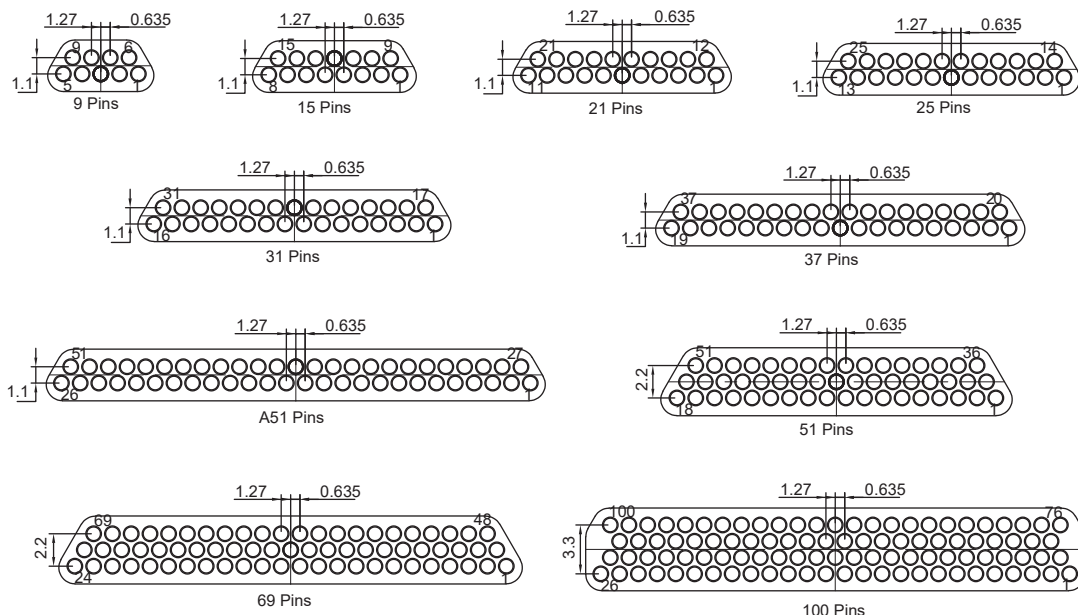


Plug



Receptacle

Contact Arrangements



Mating Face of Male Connectors

How To Order

Sample Part Number
R04A -31 PI B01 G AA -26 9 10
Series:

R04A—Micro-D Connectors for MIL-DTL-83513

Contact Number:

9, 15, 21, 25, 31, 37, A51, 51, 69, 100pins

Contact Type:

PI—Pin in Plug

RH—Socket in Receptacle

Locking Hardware Type:

B01—Locking Hardware (See page 31 to 35)

No Code—No Locking Hardware

Shell Material And Finish:

G—Aluminum Shell, Cadmium Plating

No Code—Aluminum Shell, Nickel Plating

U—Aluminum Shell, Gold Plating

Backshell Type:

AA—Backshell Type (See page 36 to 38)

No Code—No Backshell

Wire Gage:

26—AWG26

Wire Color:

9—White Color

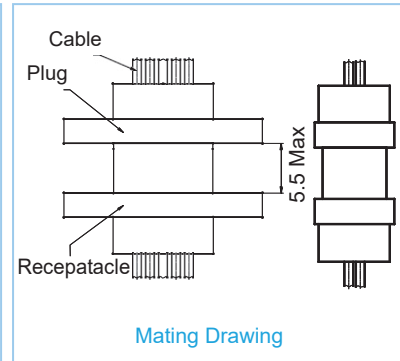
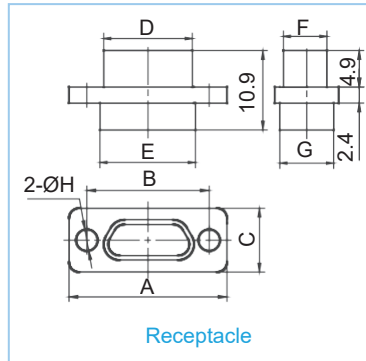
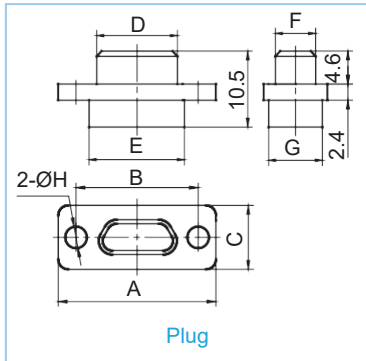
T—Ten Color Repeating

Wire Length:

10—Wire Length in cm. "10" Specifies 10 cm

R04A Series Crimping Connectors

Outline Dimensions



Part Number	Outline Dimensions							
	A ±0.10	B ±0.10	C ±0.10	D ±0.10	E ±0.10	F ±0.10	G ±0.10	H
R04A-9PI	19.6	14.3	7.6	8.4	9.9	4.7	6.8	2.31
R04A-15PI	23.5	18.2	7.6	12.3	13.8	4.7	6.8	2.31
R04A-21PI	27.3	22	7.6	16.1	17.6	4.7	6.8	2.31
R04A-25PI	29.8	24.5	7.6	18.6	20.2	4.7	6.8	2.31
R04A-31PI	33.6	28.3	7.6	22.4	24	4.7	6.8	2.31
R04A-37PI	37.4	32.1	7.6	26.2	27.8	4.7	6.8	2.31
R04A-A51PI	46.3	41	7.6	35	36.7	4.7	6.8	2.31
R04A-51PI	36.2	30.9	8.7	25	26.6	5.8	7.9	2.31
R04A-69PI	43.8	38.5	8.7	32.6	34.2	5.8	7.9	2.31
R04A-100PI	54.7	45.7	9.7	35.1	36.6	6.8	9.1	3.7
R04A-9RH	19.6	14.3	7.6	9.9	9.9	6.1	6.8	2.31
R04A-15RH	23.5	18.2	7.6	13.7	13.8	6.1	6.8	2.31
R04A-21RH	27.3	22	7.6	17.5	17.6	6.1	6.8	2.31
R04A-25RH	29.8	24.5	7.6	20.1	20.2	6.1	6.8	2.31
R04A-31RH	33.6	28.3	7.6	23.9	24	6.1	6.8	2.31
R04A-37RH	37.4	32.1	7.6	27.7	22.8	6.1	6.8	2.31
R04A-A51RH	46.3	41	7.6	36.5	36.7	6.1	6.8	2.31
R04A-51RH	36.2	30.9	8.7	26.5	26.6	7	7.9	2.31
R04A-69RH	43.8	38.5	8.7	34.1	34.2	7.2	7.9	2.31
R04A-100RH	54.7	45.7	9.7	36.6	36.6	8.3	9.1	3.7

Remark: All dimensions are in mm.

MIL-DTL-83513 Micro-D Connectors

R04A Series Right Angle To PCB Connectors



Brief Introduction

- Micro-D Connectors
- Twist Pin Contacts, High Density
- Metal Shell, Nickel, Gold or Cadmium Plating
- Right Angle to PCB Connectors
- Meets MIL-DTL-83513

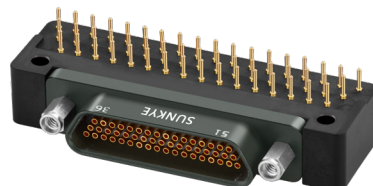
Specifications

Environment Temperature:	-55°C ~+125°C
Vibration:	10Hz~2000Hz, 196m/s ²
Random Vibration:	Power spectrum density 0.4G ² /Hz, root square value of total acceleration of 23.1G
Shock:	735m/s ² 11ms
Rated Current:	3A
Contact Resistance:	≤10mΩ
Insulation Resistance:	≥5000MΩ
Dielectric Strength:	800V
Durability:	500 times

Product Stereogram



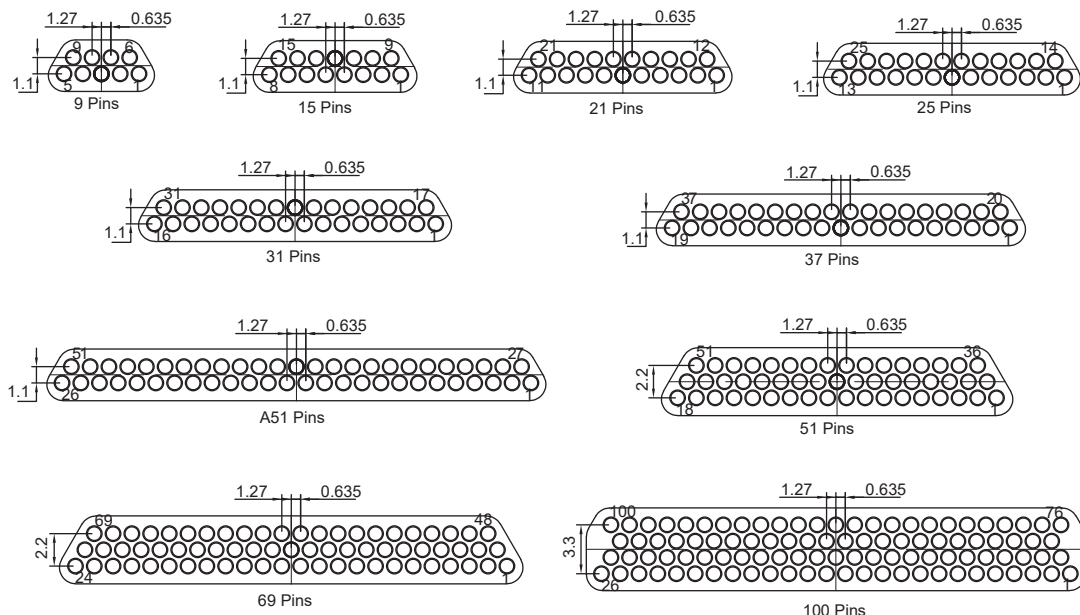
FA Style



FB Style



Contact Arrangements



Mating Face of Male Connectors

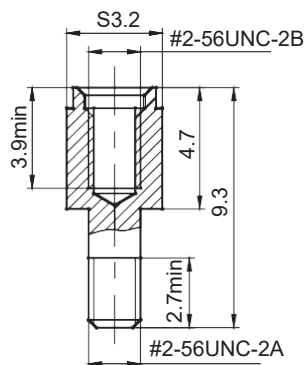
How To Order

Sample Part Number	R04A	-31	PI	FB	3	N02	G
Series:							
R04A—Micro-D Connectors for MIL-DTL-83513							
Contact Number:							
9, 15, 21, 25, 31, 37, 51, 100pins							
Contact Type:							
PI—Pin in Plug RH—Socket in Receptacle							
Termination Type:							
FA—FA Style and The PCB Layout is 2.54*2.54mm							
FB—FB Style and The PCB Layout is 2.54*2.54mm							
Tail Length:							
1—2.77mm 2—3.56mm 3—4.37mm							
Locking Hardware:							
N02—Locking Hardware Type (See page 11) No Code—No Locking Hardware							
Shell Material and Finish :							
G—Aluminum Shell, Cadmium Plating No Code—Aluminum Shell, Nickel Plating							
U—Aluminum Shell, Gold Plating							

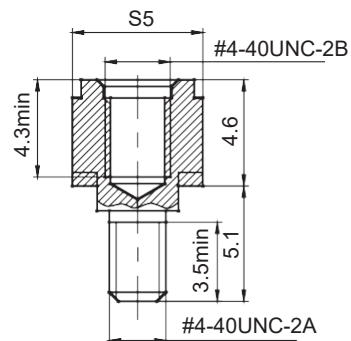
Locking Hardware

Code	Feature	Panel Thickness	Stereogram	Outline Dimensions
N02	Hex Head	/		Please See Below
N08	Hex Head Rear Panel Mounting Only	1.5 ⁰ _{-0.10} mm		

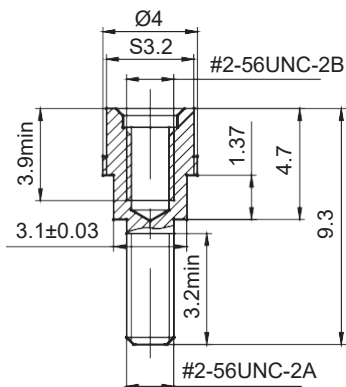
Outline Dimensions



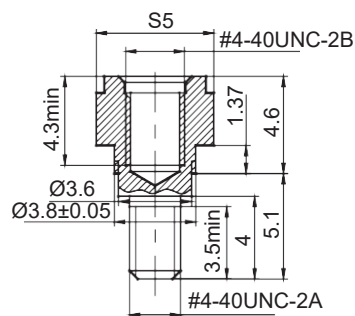
N02 for 9~69pins



N02 for 100pins



N08 for 9~69pins



N08 for 100pins

Tail Lengths

Tail Code	Tail Length	Recommend The Thickness Of PCB
1	2.77	1.2~2.2
2	3.56	2.0~3.0
3	4.37	2.8~3.8

Remark: All dimensions are in mm.

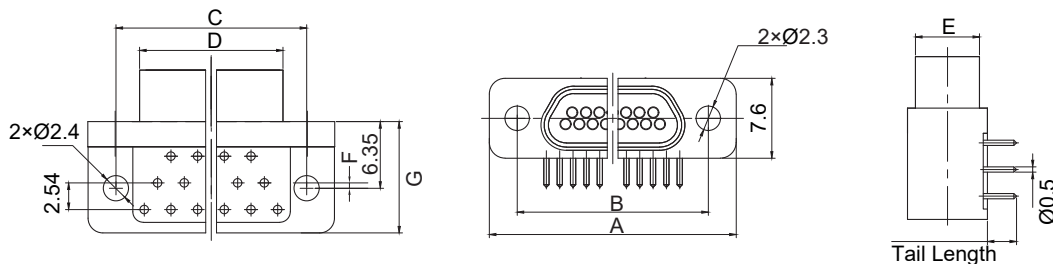


R04A Series Right Angle To PCB Connectors-FA Style

Product Stereogram



Outline Dimensions



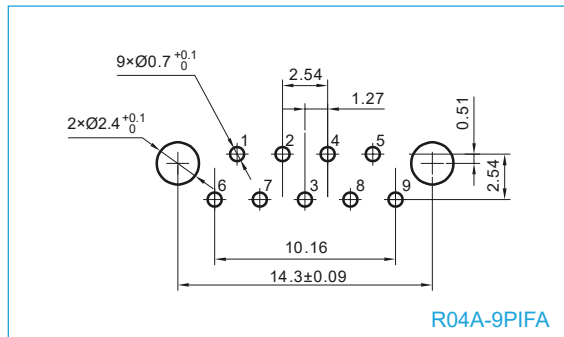
Part Number	A ±0.10	B ±0.10	C ±0.10	D ±0.10		E ±0.10		F ±0.10		G ±0.10	
				PI	RH	PI	RH	PI	RH	PI	RH
R04A-9PI/RHFA	19.6	14.3	14.3	8.4	10.16	4.7	6.1	0.51	0.51	10.7	10.7
R04A-15PI/RHFA	23.5	18.2	18.2	12.3	14	4.7	6.1	3.05	3.05	10.7	10.7
R04A-21PI/RHFA	27.3	22	22	16.1	17.8	4.7	6.1	3.05	3.05	10.7	10.7
R04A-25PI/RHFA	29.8	24.5	24.5	18.6	20.3	4.7	6.1	3.05	3.05	10.7	10.7
R04A-31PI/RHFA	33.6	28.3	28.3	22.4	24.12	4.7	6.1	3.05	3.05	13.1	13.1
R04A-37PI/RHFA	37.4	32.1	32	26.3	27.9	4.7	6.1	3.05	3.05	13.1	13.1
R04A-51PI/RHFA	36.45	30.86	30.86	25.02	26.67	5.79	7.52	3.81	3.81	16.76	16.76

Remark: All dimensions are in mm.

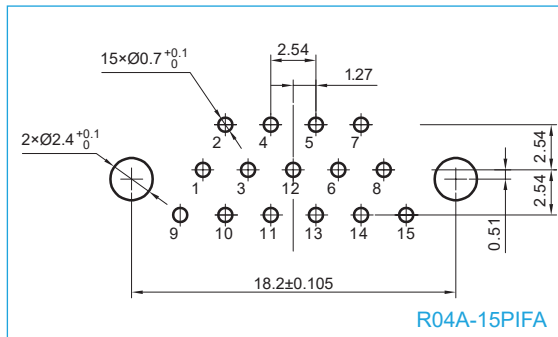


R04A Series Right Angle to PCB Connectors FA Style-PCB Layout

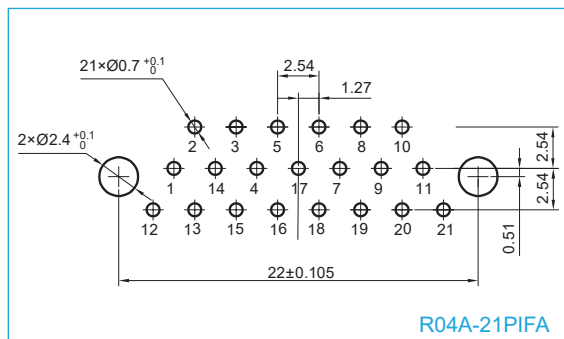
■ Plug Connectors



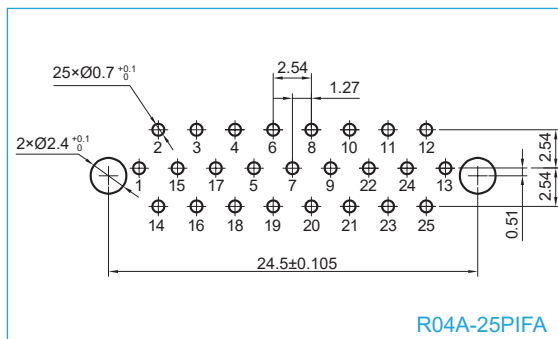
R04A-9PIFA



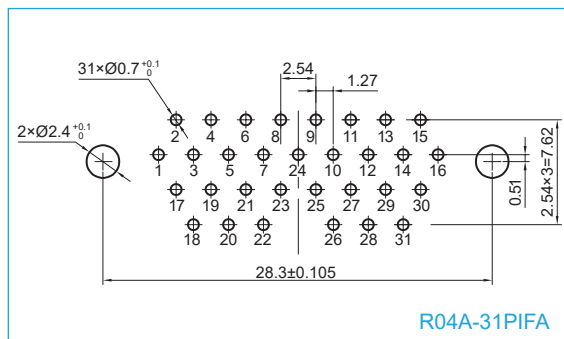
R04A-15PIFA



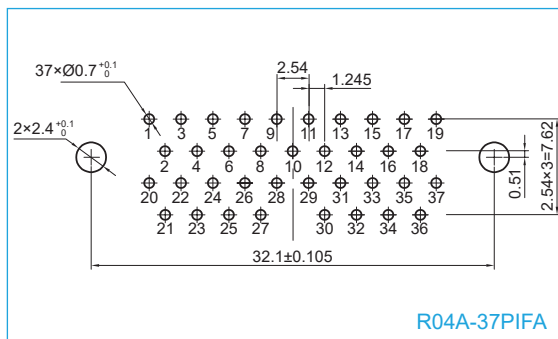
R04A-21PIFA



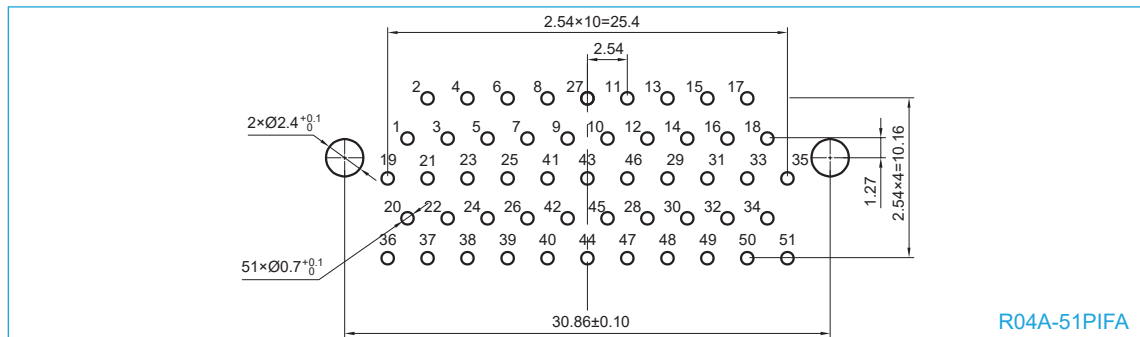
R04A-25PIFA



R04A-31PIFA



R04A-37PIFA



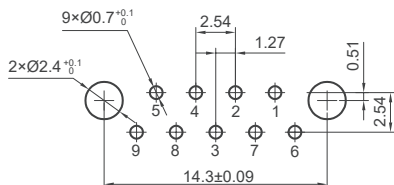
R04A-51PIFA

Remark: 1. All dimensions are in mm.
2. View top side from PCB board.

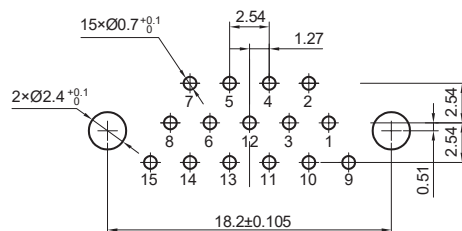


R04A Series Right Angle to PCB Connectors FA Style-PCB Layout

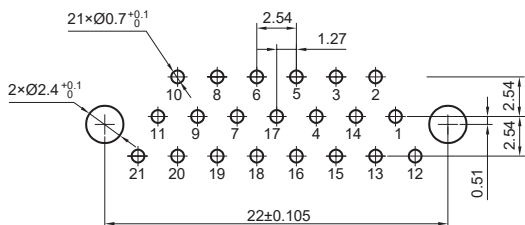
Receptacle Connectors



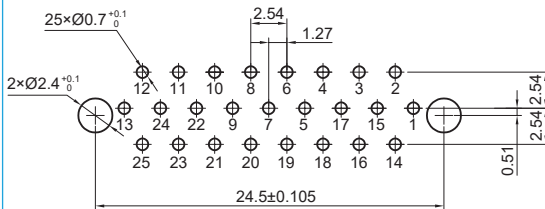
R04A-9RHFA



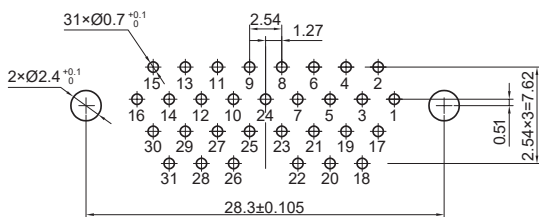
R04A-15RHFA



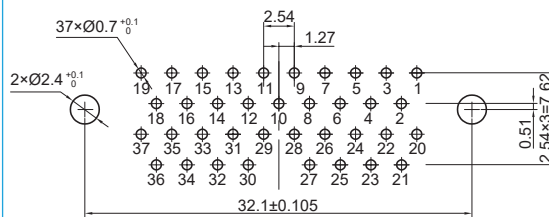
R04A-21RHFA



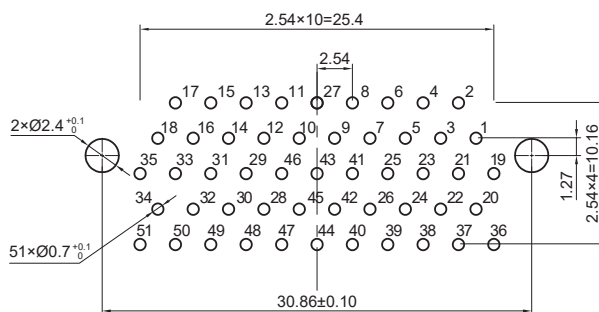
R04A-25RHFA



R04A-31RHFA



R04A-37RHFA



R04A-51RHFA

Remark: 1. All dimensions are in mm.
2. View top side from PCB board.

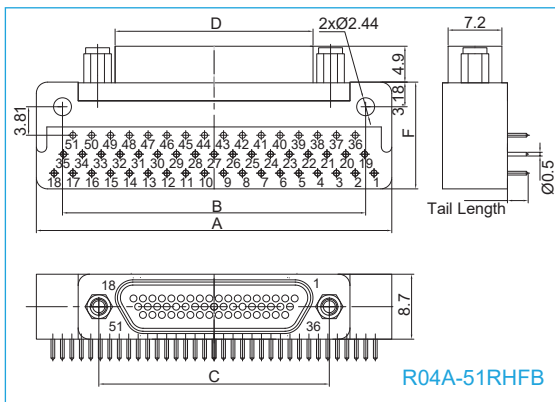
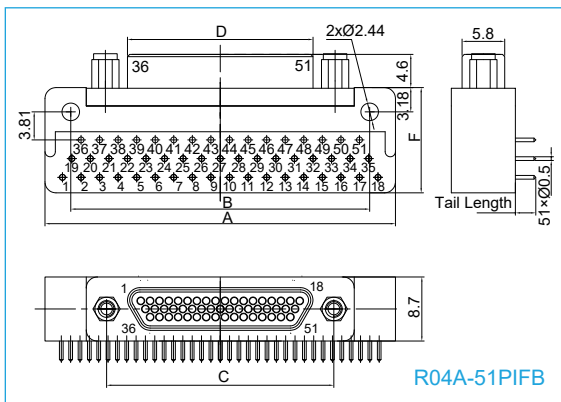
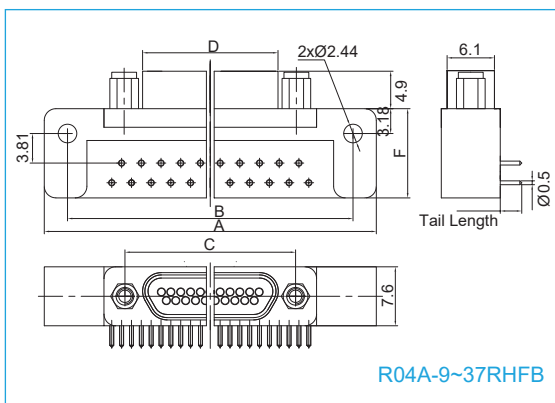
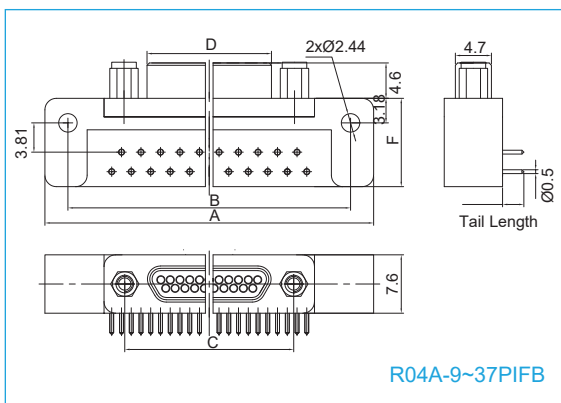


R04A Series Right Angle To PCB Connectors-FB Style

Product Stereogram



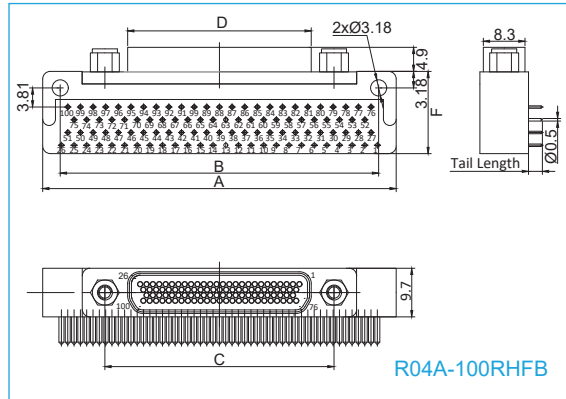
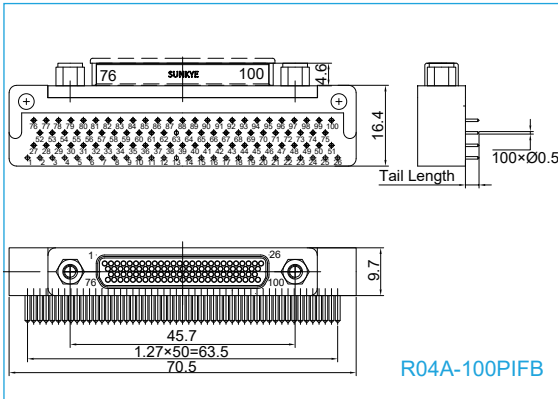
Outline Dimensions



Remark: All dimensions are in mm.



Outline Dimensions



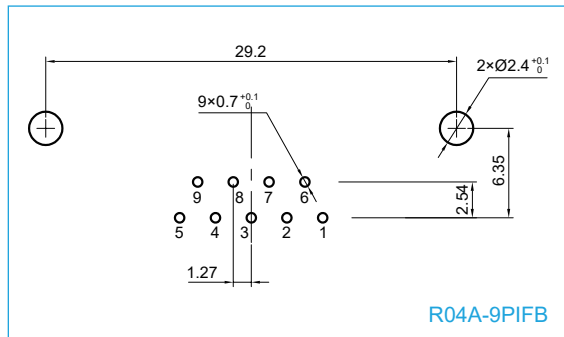
Part Number	Outline Dimensions				
	A ±0.10	B ±0.10	C ±0.10	D ±0.10	F ±0.10
R04A-9PIFB	35.2	29.2	14.3	8.4	11.5
R04A-15PIFB	39	33	18.2	12.3	11.5
R04A-21PIFB	42.8	36.8	22	16.1	11.5
R04A-25PIFB	45.4	39.4	24.5	18.6	11.5
R04A-31PIFB	51.7	45.7	28.3	22.4	11.5
R04A-37PIFB	59.3	53.3	32.1	26.2	11.5
R04A-51PIFB	47.6	40.6	30.9	25	14.3
R04A-100PIFB	70.5	63.5	45.7	35.1	16.8
R04A-9RHFB	35.2	29.2	14.3	8.4	11.5
R04A-15RHFB	39	33	18.2	12.3	11.5
R04A-21RHFB	42.8	36.8	22	16.1	11.5
R04A-25RHFB	45.4	39.4	24.5	18.6	11.5
R04A-31RHFB	51.7	45.7	28.3	22.4	11.5
R04A-37RHFB	59.3	53.3	32.1	26.2	11.5
R04A-51RHFB	47.6	40.6	30.9	25	14.3
R04A-100RHFB	70.5	63.5	45.7	35.1	16.8

Remark: All dimensions are in mm.

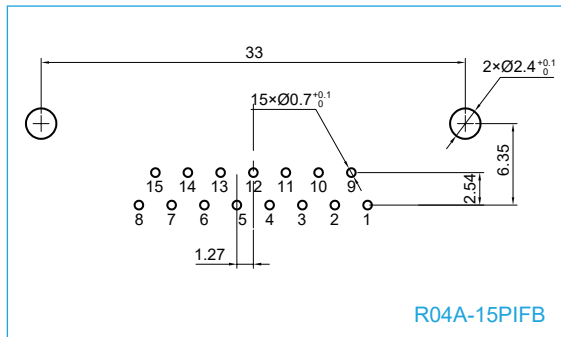


R04A Series Right Angle to PCB Connectors FB Style-PCB Layout

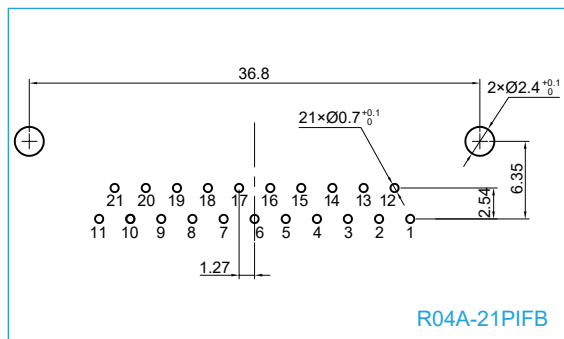
■ Plug Connectors



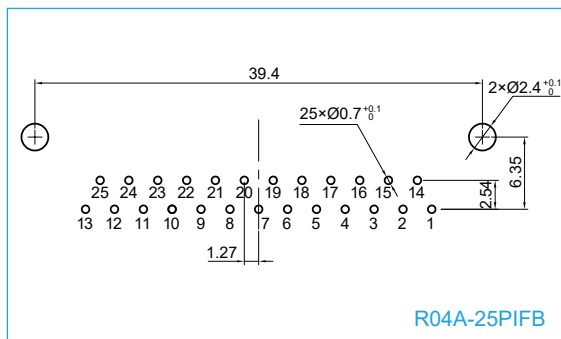
R04A-9PIFB



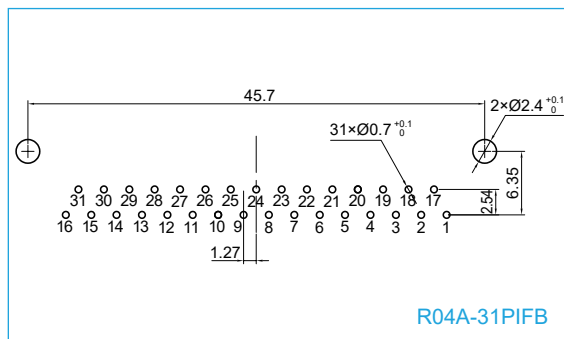
R04A-15PIFB



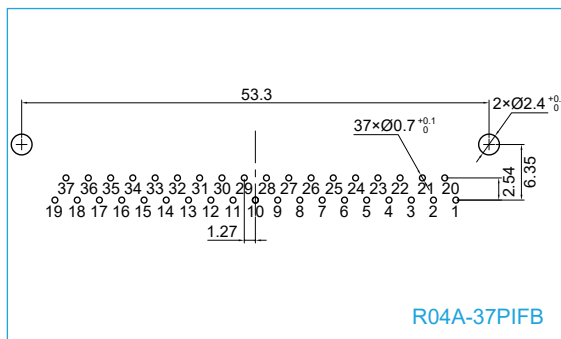
R04A-21PIFB



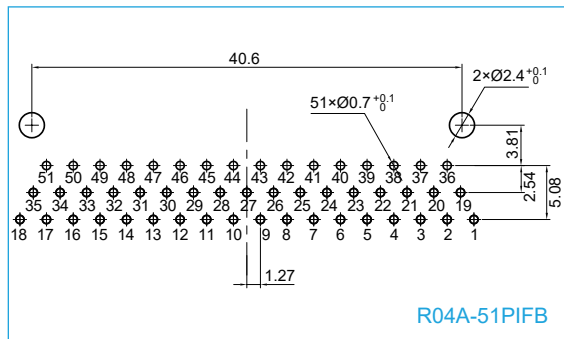
R04A-25PIFB



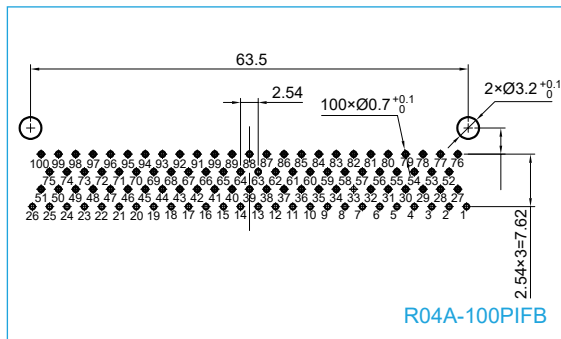
R04A-31PIFB



R04A-37PIFB



R04A-51PIFB



R04A-100PIFB

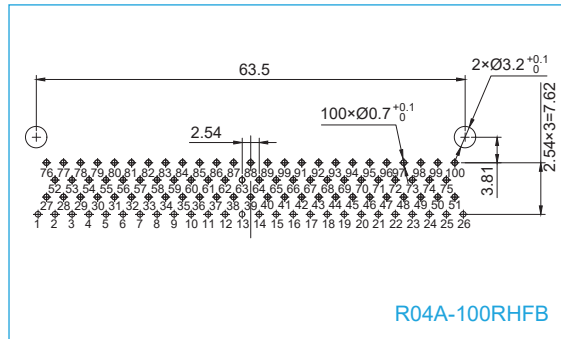
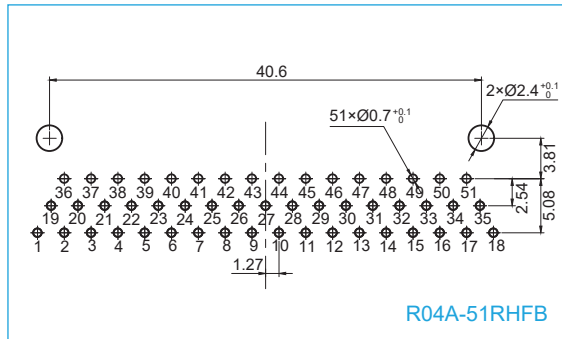
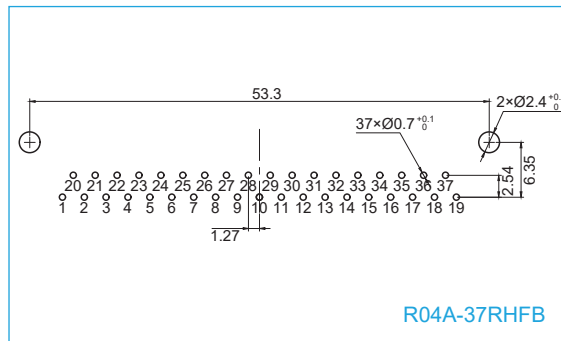
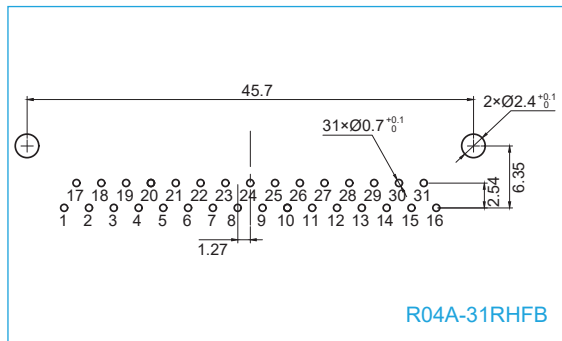
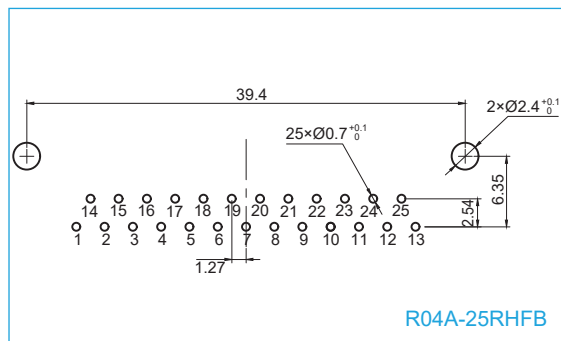
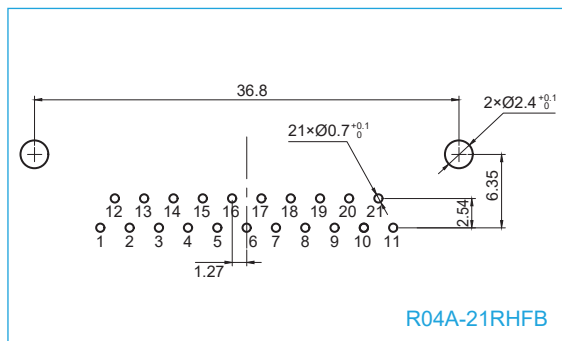
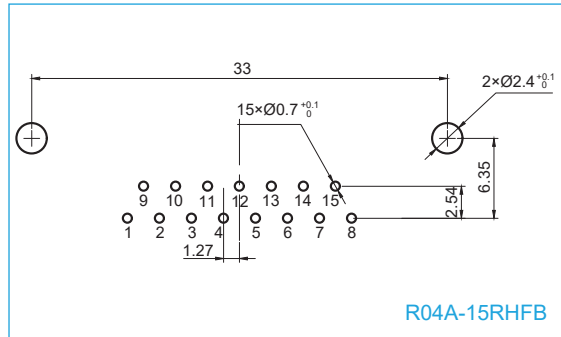
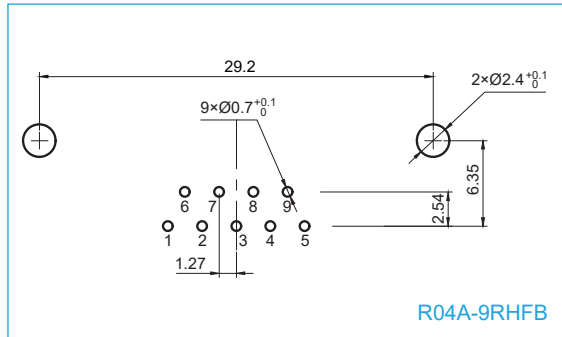
Remark: 1. All dimensions are in mm.

2. View top side from PCB board.



R04A Series Right Angle to PCB Connectors FB Style-PCB Layout

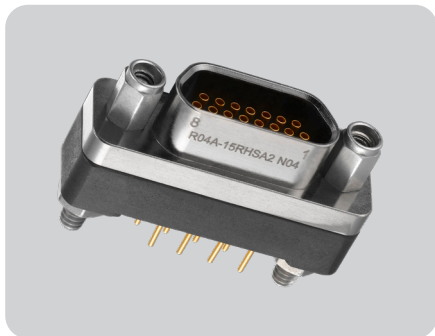
Receptacle Connectors



Remark: 1. All dimensions are in mm.
2. View top side from PCB board.

MIL-DTL-83513 Micro-D Connectors

R04A Series Straight To PCB Connectors



Brief Introduction

- Micro-D Connectors
- Twist Pin Contacts, High Density
- Metal Shell, Nickel, Gold or Cadmium Plating
- Straight to PCB Connectors
- Meets MIL-DTL-83513

Specifications

Environment Temperature:	-55°C ~+125°C
Vibration:	10Hz~2000Hz, 196m/s ²
Random Vibration:	Power spectrum density 0.4G ² /Hz, root mean square value of total acceleration 23.1G
Shock:	735m/s ² 11ms
Rated Current:	3A
Contact Resistance:	≤10mΩ
Insulation Resistance:	≥5000MΩ
Dielectric Strength:	800V
Durability:	500 times

Product Stereogram



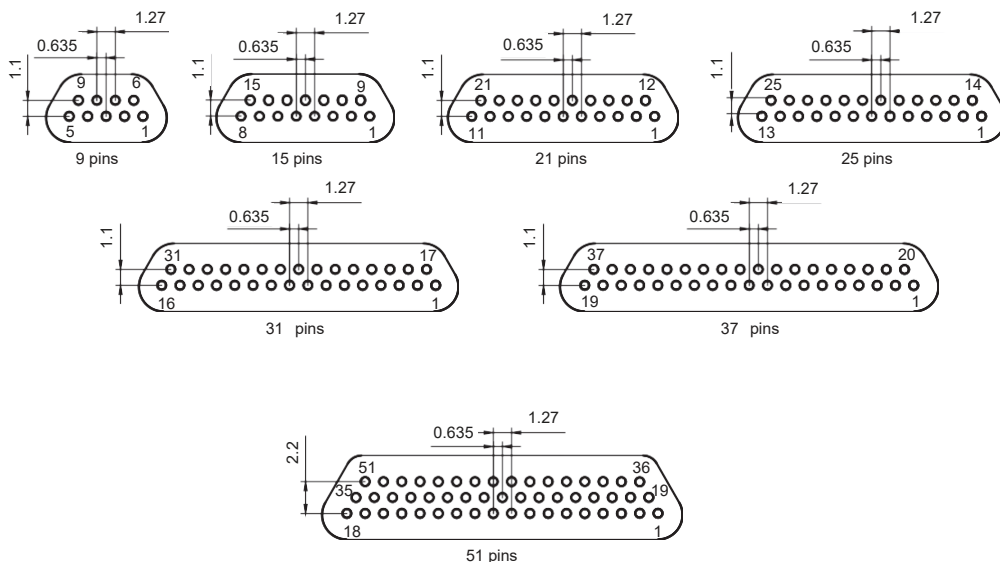
SA Style



SB Style



Contact Arrangements



Mating Face of Male Connectors

How To Order

Sample Part Number

R04A

-31

PI

SA

3

N04

G

Series:

R04A—Micro-D Connectors for MIL-DTL-83513

Contact Number:

9, 15, 21, 25, 31, 37, 51pins

Contact Type:

PI—Pin in Plug

RH—Socket in Receptacle

Termination Type:

SA—SA Style and The PCB Layout is 2.54*1.91mm

SB—SB Style and The PCB Layout is 2.54*2.54mm

Tail Length:

1—2.77mm

2—3.56mm

3—4.37mm

Locking Hardware:

N04—Locking Hardware Type (See page 21)

No Code—No Locking Hardware

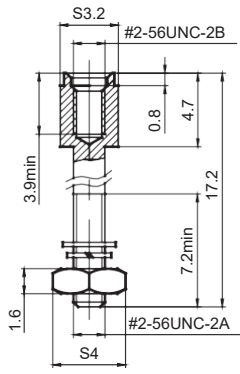
Shell Material and Finish :

G—Aluminum Shell, Cadmium Plating

No Code—Aluminum Shell, Nickel Plating

U—Aluminum Shell, Gold Plating

Locking Hardware

Code	Feature	Stereogram	Outline Dimensions
N04	1. Jackpost 2. Hex Head 3. Vertical Mounting with PCB		

Remark: All dimensions are in mm.

Tail Lengths

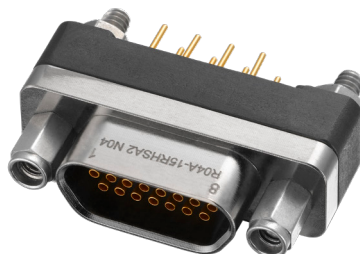
Tail Code	Tail Length	Recommend The Thickness Of PCB
1	2.77	1.2~2.2
2	3.56	2.0~3.0
3	4.37	2.8~3.8

Remark: All dimensions are in mm.

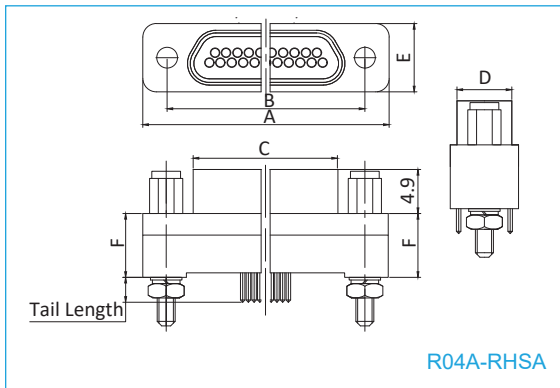
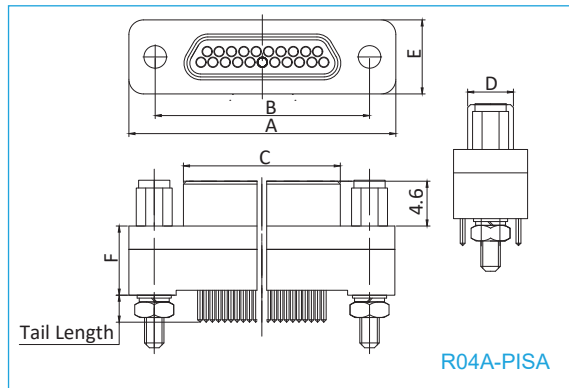


R04A Series Straight To PCB Connectors-SA Style

Product Stereogram



Outline Dimensions



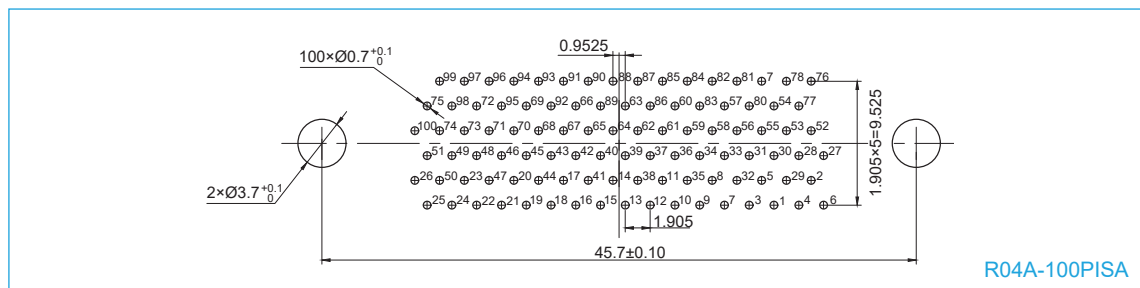
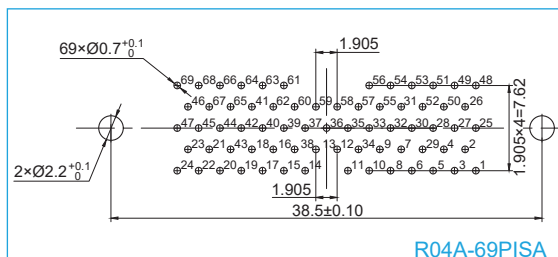
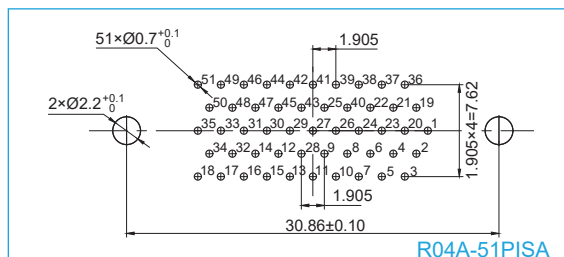
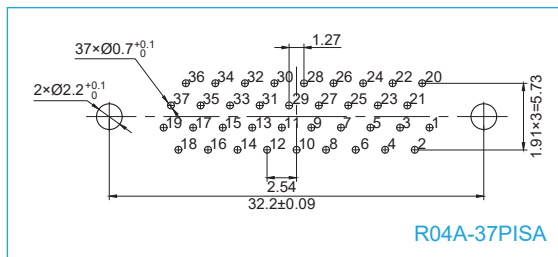
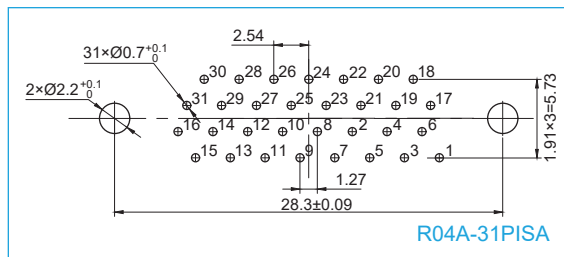
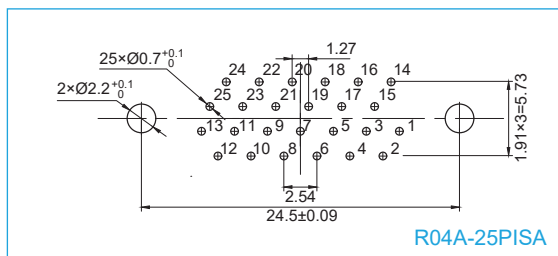
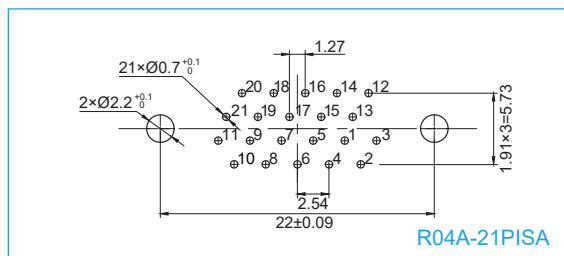
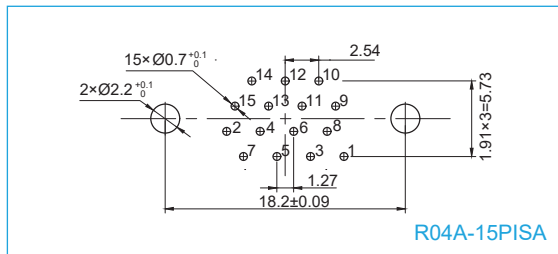
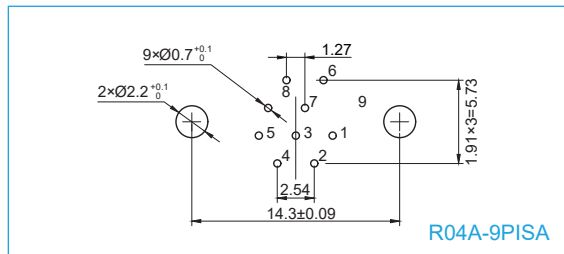
Part Number	Outline Dimensions					
	A ±0.10	B ±0.10	C ±0.10	D ±0.10	E ±0.10	F ±0.10
R04A-9PISA	19.6	14.3	8.4	4.7	7.6	7.1
R04A-15PISA	23.5	18.2	12.3	4.7	7.6	7.1
R04A-21PISA	27.3	22	16.1	4.7	7.6	7.1
R04A-25PISA	29.8	24.5	18.6	4.7	7.6	7.1
R04A-31PISA	33.6	28.3	22.4	4.7	7.6	7.1
R04A-37PISA	37.4	32.1	26.2	4.7	7.6	7.1
R04A-51PISA	36.5	30.9	25	5.8	8.7	8.2
R04A-9RHSA	19.6	14.3	9.9	6.1	7.6	7.1
R04A-15RHSA	23.5	18.2	13.7	6.1	7.6	7.1
R04A-21RHSA	27.3	22	17.5	6.1	7.6	7.1
R04A-25RHSA	29.8	24.5	20.1	6.1	7.6	7.1
R04A-31RHSA	33.6	28.3	23.9	6.1	7.6	7.1
R04A-37RHSA	37.4	32.1	27.7	6.1	7.6	7.1
R04A-51RHSA	36.5	30.9	26.7	7.2	8.7	8.2

Remark: All dimensions are in mm.



R04A Series Straight to PCB Connectors SA Style-PCB Layout

■ Plug Connectors



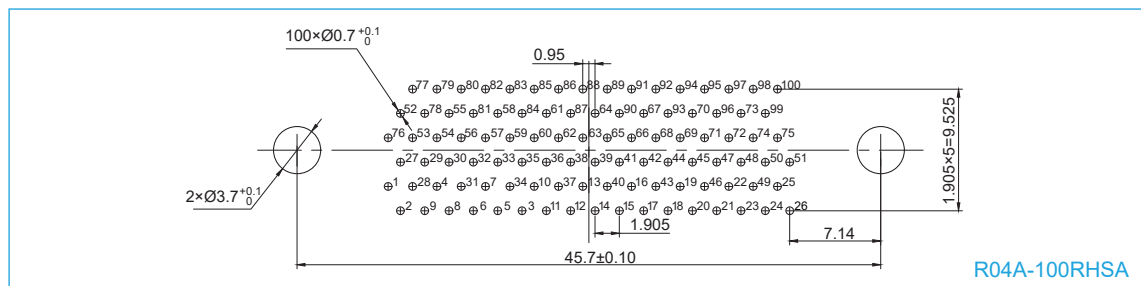
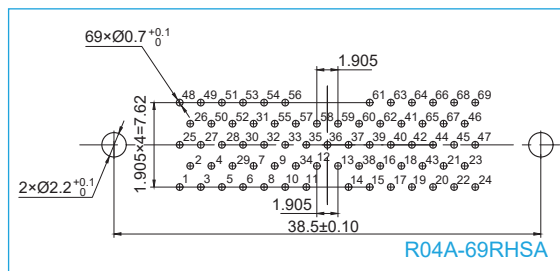
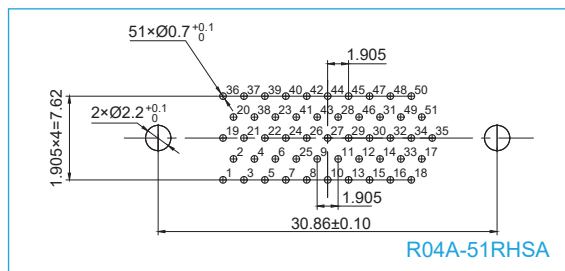
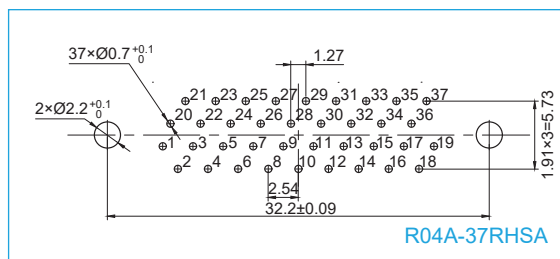
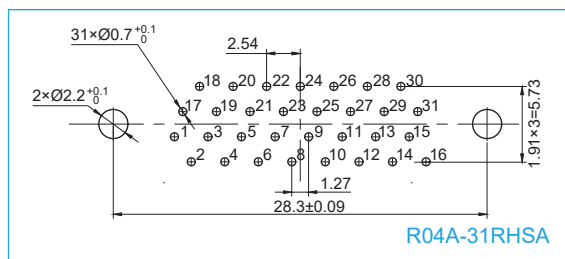
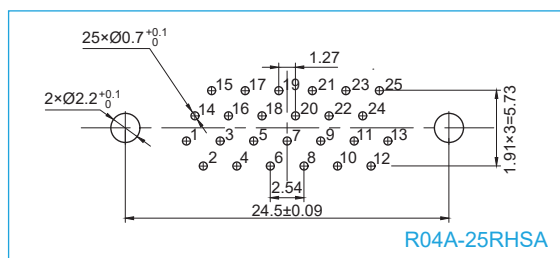
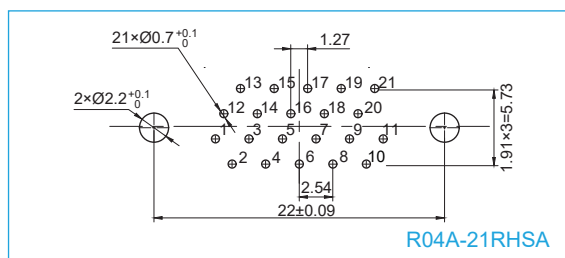
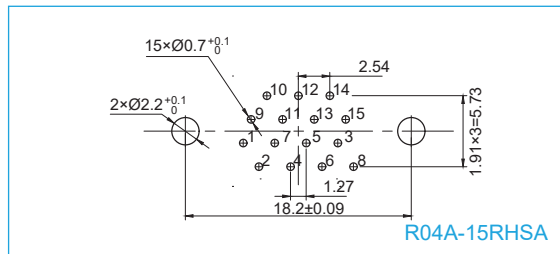
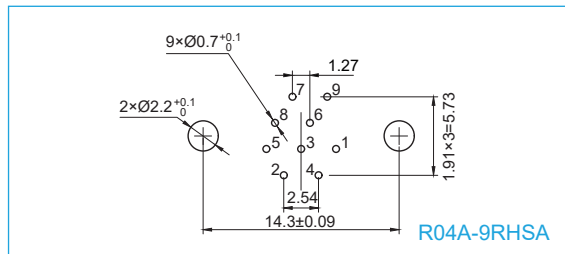
Remark: 1. All dimensions are in mm.

2.View top side from PCB board.



R04A Series Straight to PCB Connectors SA Style-PCB Layout

Receptacle Connectors



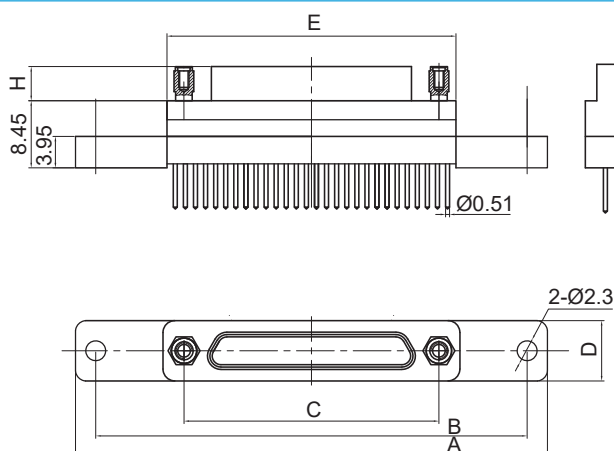
Remark: 1. All dimensions are in mm.
2. View top side from PCB board.

R04A Series Straight To PCB Connectors-SB Style

Product Stereogram



Outline Dimensions



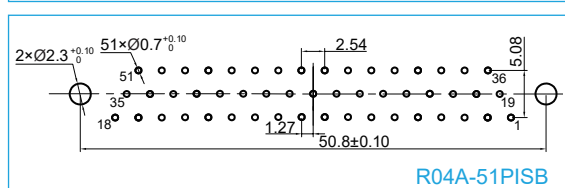
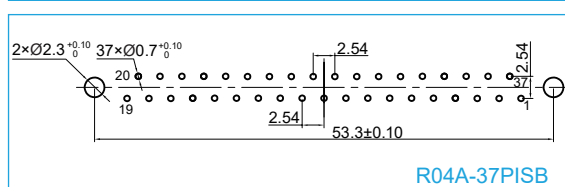
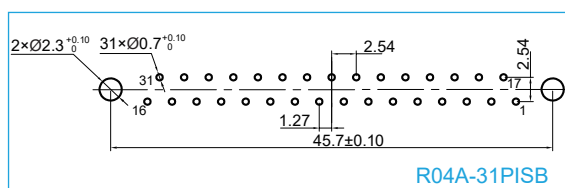
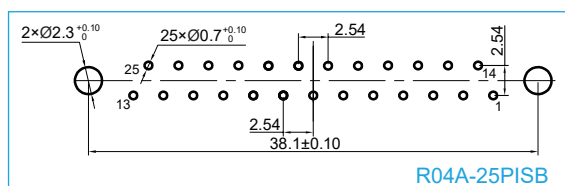
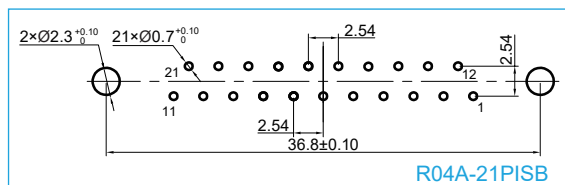
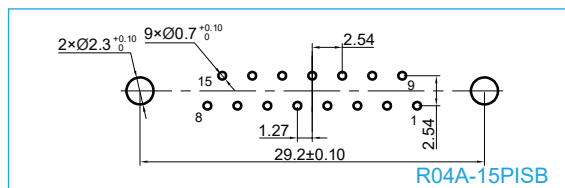
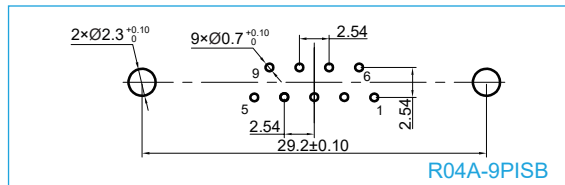
Part Number	Outline Dimensions						
	A ±0.10	B ±0.10	C ±0.10	D ±0.10	E ±0.10	H ±0.10	
						PI	RH
R04A-9PISB	35.31	29.21	14.35	7.9	20.1	4.6	4.9
R04A-15PISB	35.31	29.21	18.16	7.9	23.9	4.6	4.9
R04A-21PISB	42.93	36.83	21.97	7.9	30.0	4.6	4.9
R04A-25PISB	44.2	38.1	24.51	7.9	32.4	4.6	4.9
R04A-31PISB	51.82	45.72	28.32	7.9	40.0	4.6	4.9
R04A-37PISB	59.44	53.34	32.13	7.9	47.6	4.6	4.9
R04A-51PISB	57.64	50.8	30.86	8.9	45.1	4.6	4.9

Remark: All dimensions are in mm.

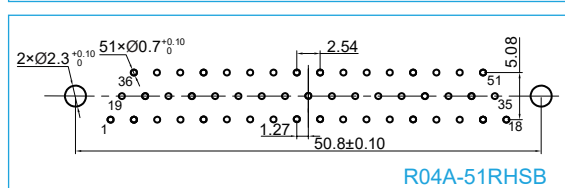
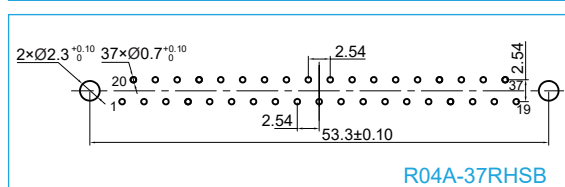
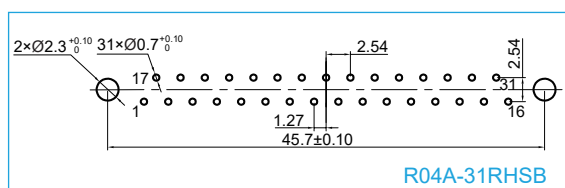
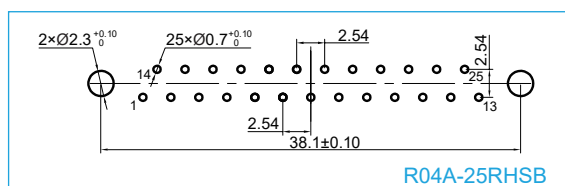
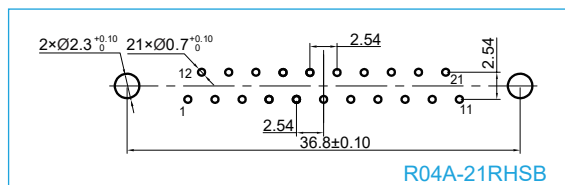
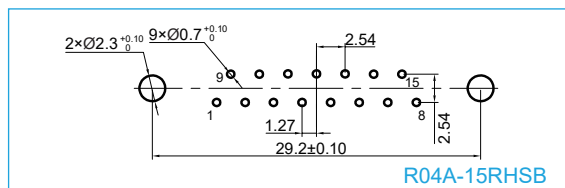
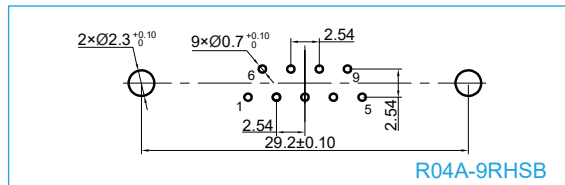


R04A Series Straight to PCB Connectors SB Style-PCB Layout

■ Plug Connectors



■ Receptacle Connectors



Remark: 1. All dimensions are in mm.
2. View top side from PCB board.

MIL-DTL-83513 Micro-D Connectors

R04A Series Solder Cup Connectors



Brief Introduction

- Micro-D Connectors
- Twist Pin Contacts, High Density
- Metal Shell, Nickel, Gold or Cadmium Plating
- Solder Cup Connectors
- Meets MIL-DTL-83513

Specifications

Environment Temperature:	-55°C ~ +125°C
Vibration:	10Hz~2000Hz, 196m/s ²
Random Vibration:	Power spectrum density 0.4G ² /Hz, root mean square value of total acceleration 23.1G
Shock:	735m/s ² 11ms
Rated Current:	3A
Contact Resistance:	≤10mΩ
Insulation Resistance:	≥5000MΩ
Dielectric Strength:	800V
Durability:	500 times

Product Stereogram



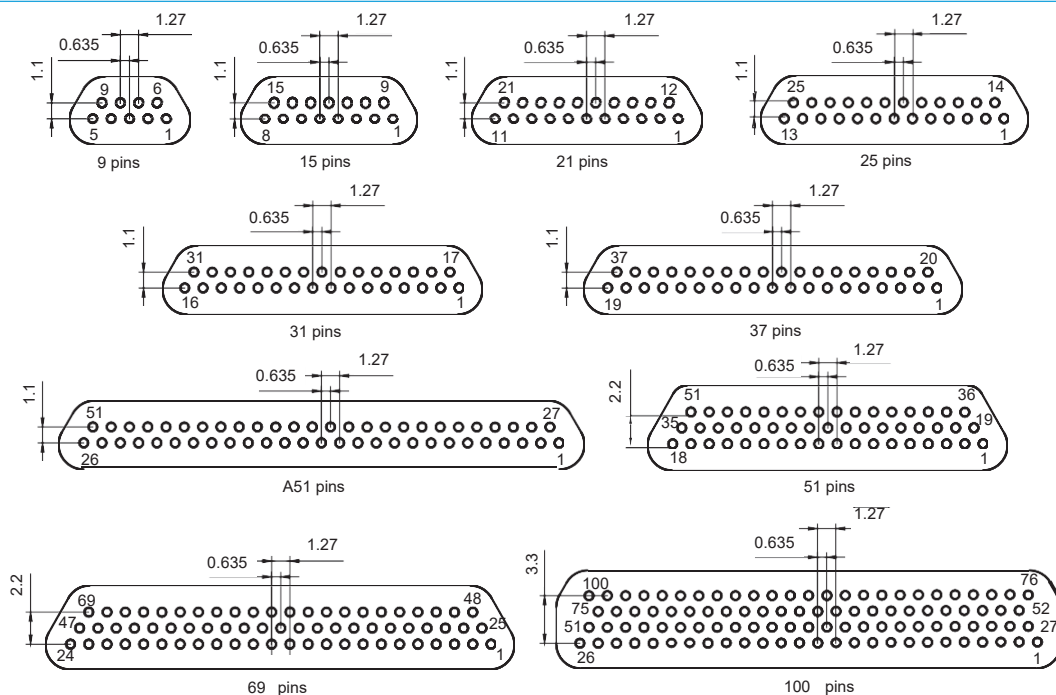
Plug



Receptacle



Contact Arrangements



Mating Face of Male Connectors

How To Order

Sample Part Number

R04A

-31

PI

J

B01

G

AB

Series:

R04A—Micro-D Connectors for MIL-DTL-83513

Contact Number:

9, 15, 21, 25, 31, 37, A51, 51, 69, 100pins

Contact Type:

PI—Pin in Plug RH—Socket in Receptacle

Tail Termination Style:

J—Solder Cup

Locking Hardware Type:

B01—Locking Hardware Type (See page 31 to 35)

No Code—No Looking Hardware

Shell Material and Finish:

G—Aluminum Shell, Cadmium Plating

No Code—Aluminum Shell, Nickel Plating

U—Aluminum Shell, Gold Plating

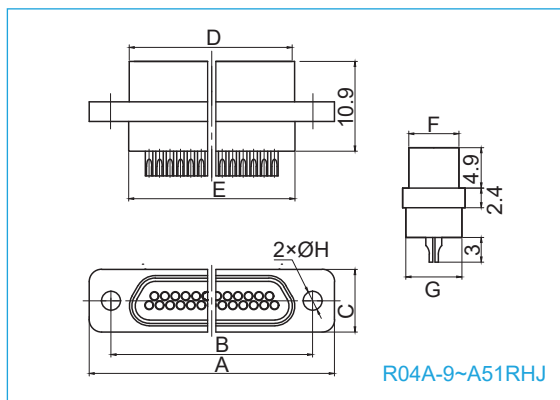
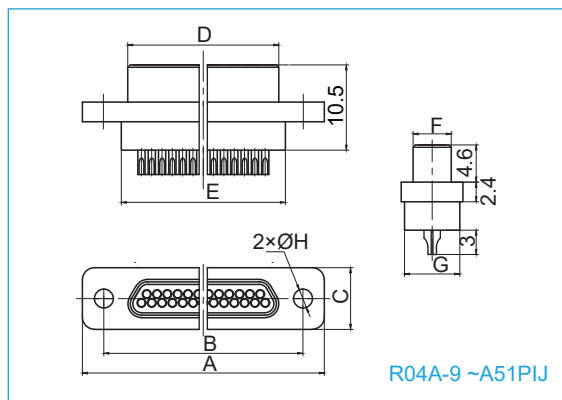
Backshell Type:

AB—Backshell Type (See page 36 to 38)

No Code—No Backshell

R04A Series Solder Cup Connectors

Outline Dimensions



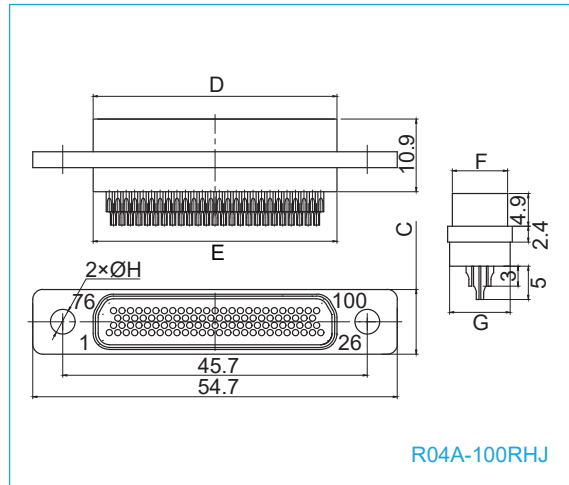
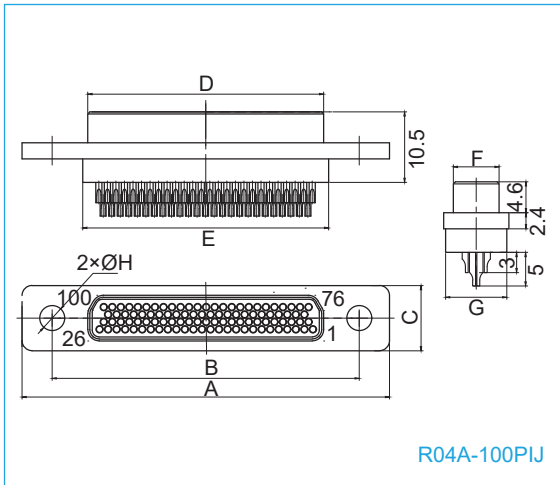
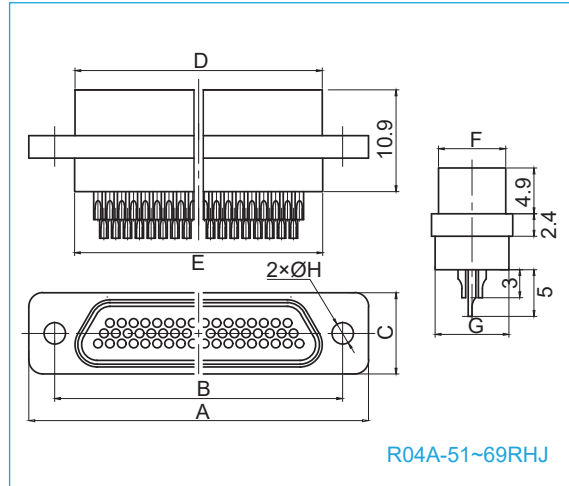
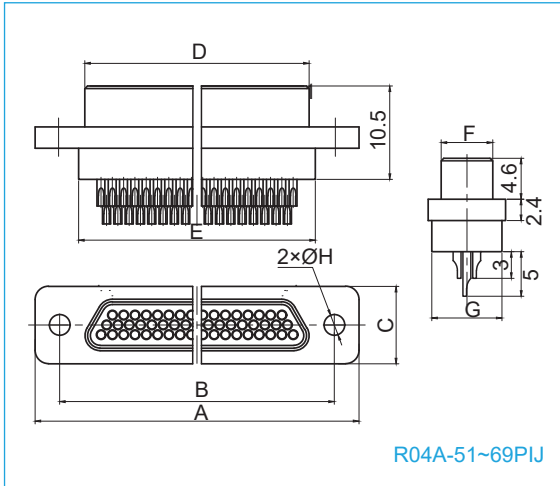
Part Number	Outline Dimensions							
	A ±0.10	B ±0.10	C ±0.10	D ±0.10	E ±0.10	F ±0.10	G ±0.10	H
R04A-9PIJ	19.6	14.3	7.6	8.4	9.9	4.7	6.8	2.31
R04A-15PIJ	23.5	18.2	7.6	12.3	13.8	4.7	6.8	2.31
R04A-21PIJ	27.3	22	7.6	16.1	17.6	4.7	6.8	2.31
R04A-25PIJ	29.8	24.5	7.6	18.6	20.2	4.7	6.8	2.31
R04A-31PIJ	33.6	28.3	7.6	22.4	24	4.7	6.8	2.31
R04A-37PIJ	37.4	32.1	7.6	26.2	27.8	4.7	6.8	2.31
R04A-A51PIJ	46.3	41	7.6	35	36.7	4.7	6.8	2.31
R04A-9RHJ	19.6	14.3	7.6	9.9	9.9	6.1	6.8	2.31
R04A-15RHJ	23.5	18.2	7.6	13.7	13.8	6.1	6.8	2.31
R04A-21RHJ	27.3	22	7.6	17.5	17.6	6.1	6.8	2.31
R04A-25RHJ	29.8	24.5	7.6	20.1	20.2	6.1	6.8	2.31
R04A-31RHJ	33.6	28.3	7.6	23.9	24	6.1	6.8	2.31
R04A-37RHJ	37.4	32.1	7.6	27.7	27.8	6.1	6.8	2.31
R04A-A51RHJ	46.3	41	7.6	36.5	36.7	6.1	6.8	2.31

Remark: All dimensions are in mm.



R04A Series Solder Cup Connectors

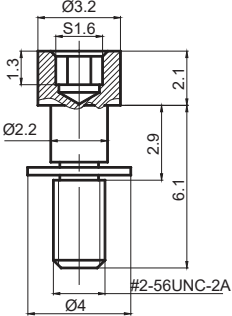
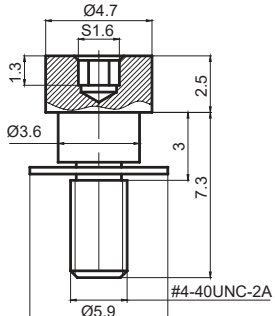
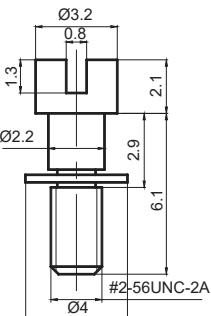
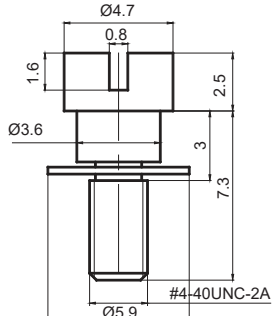
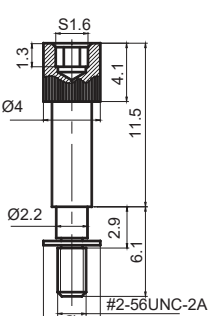
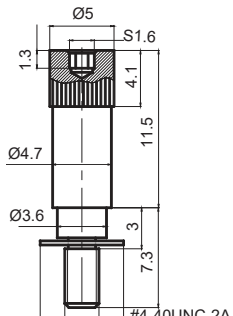
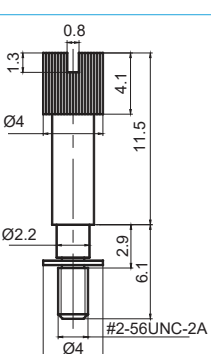
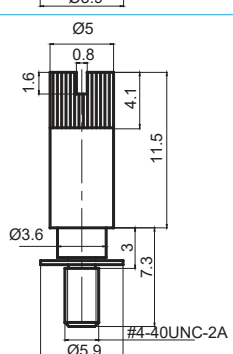
Outline Dimensions



Part Number	OutlineDimensions							
	A ±0.10	B ±0.10	C ±0.10	D ±0.10	E ±0.10	F ±0.10	G ±0.10	H
R04A-51PIJ	36.2	30.9	8.7	25	26.6	5.8	7.9	2.31
R04A-69PIJ	43.8	38.5	8.7	32.6	34.2	5.8	7.9	2.31
R04A-100PIJ	54.7	45.7	9.7	35.1	36.6	6.8	9.1	3.7
R04A-51RHJ	36.2	30.9	8.7	26.5	26.6	7.2	7.9	2.31
R04A-69RHJ	43.8	38.5	8.7	34.1	34.2	7.2	7.9	2.31
R04A-100RHJ	54.7	45.7	9.7	36.6	36.6	8.3	9.1	3.7

Remark: All dimensions are in mm.

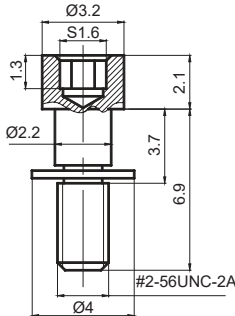
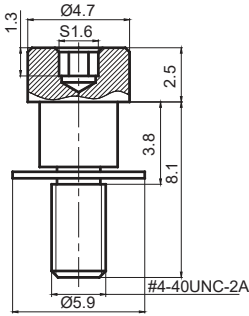
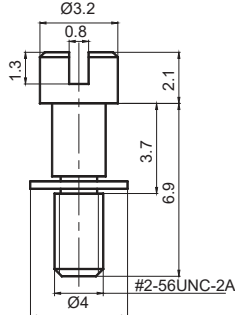
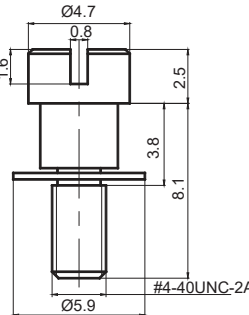
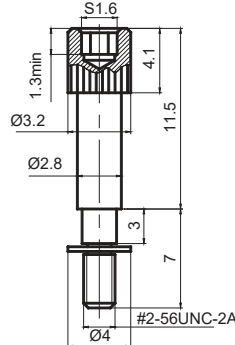
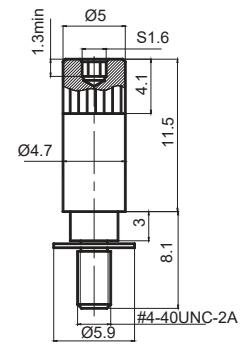
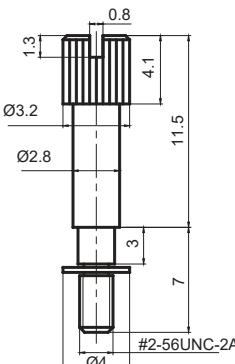
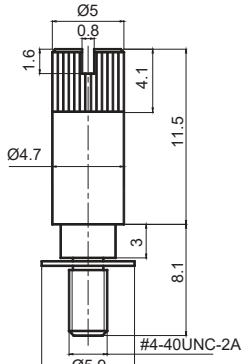
Locking Hardware

Code	Feature	Outline Dimensions	
		9~69pins	100pins
B01	1. Removable 2. Short Jackscrew with A Retainer Ring 3. Hex Head		
B02	1. Removable 2. Short Jackscrew with A Retainer Ring 3. Slot Head		
B03	1. Removable 2. Long Jackscrew with A Retainer Ring 3. Hex Head		
B04	1. Removable 2. Long Jackscrew with A Retainer Ring 3. Slot Head		

Remark: All dimensions are in mm.

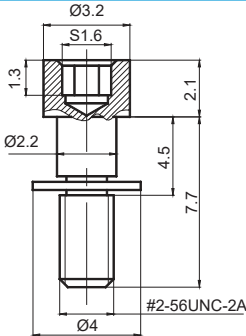
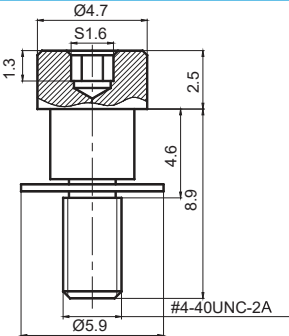
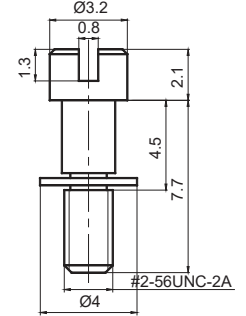
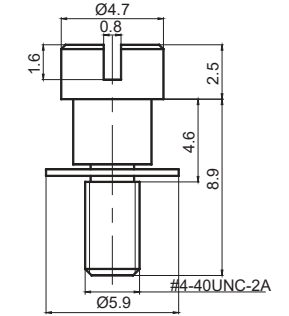
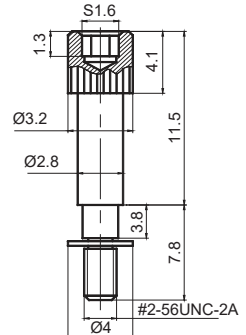
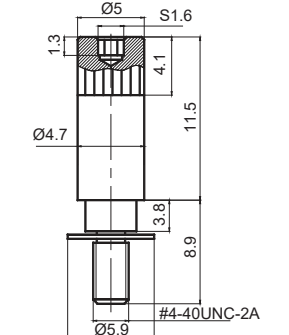
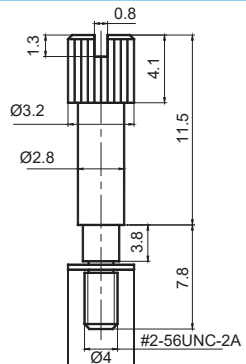
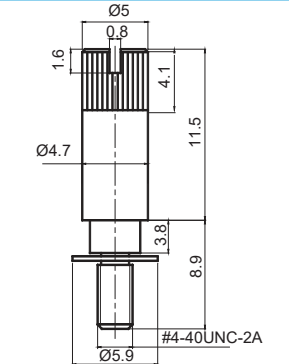


Locking Hardware

Code	Feature	Outline Dimensions	
		9~69pins	100pins
B05	1. Removable 2. Short Jackscrew with A Retainer Ring 3. Hex Head 4. For Connectors with AA, AB, AC, AD or AG Type Backshells		
B06	1. Removable 2. Short Jackscrew with A Retainer Ring 3. Slot Head 4. For Connectors with AA, AB, AC, AD or AG Type Backshells		
B07	1. Removable 2. Long Jackscrew with A Retainer Ring 3. Hex Head 4. For Connectors with AA, AB, AC, AD or AG Type Backshells		
B08	1. Removable 2. Long Jackscrew with A Retainer Ring 3. Slot Head 4. For Connectors with AA, AB, AC, AD or AG Type Backshells		

Remark: All dimensions are in mm.

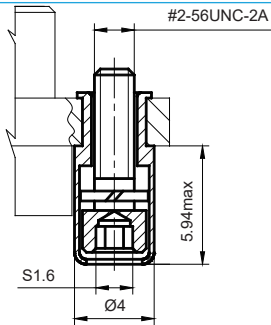
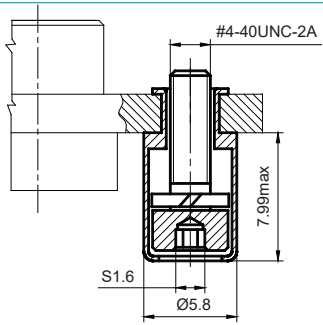
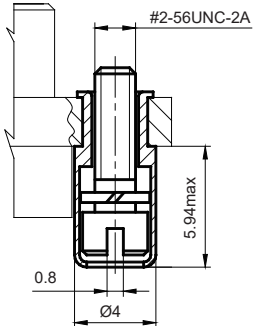
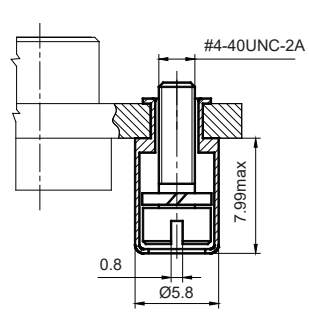
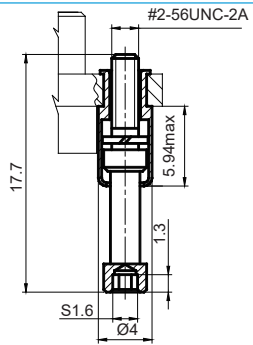
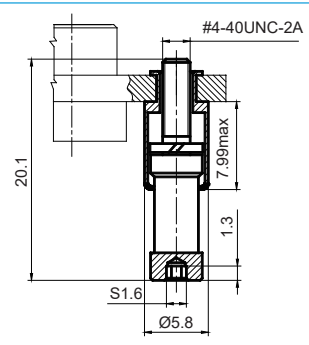
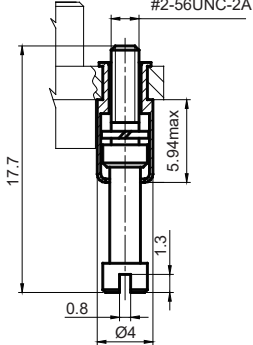
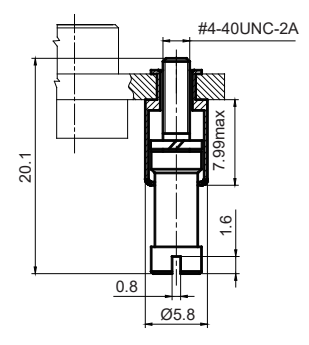
Locking Hardware

Code	Feature	Outline Dimensions	
		9~69pins	100pins
B10	1. Removable 2. Short Jackscrew with A Retainer Ring 3. Hex Head 4. For Connectors with AH or AJ Type Backshells		
B11	1. Removable 2. Short Jackscrew with A Retainer Ring 3. Slot Head 4. For Connectors with AH or AJ Type Backshells		
B12	1. Removable 2. Long Jackscrew with A Retainer Ring 3. Hex Head 4. For Connectors with AH or AJ Type Backshells		
B13	1. Removable 2. Slot Long Jackscrew with A Retainer Ring 3. Slot Head 4. For Connectors with AH or AJ Type Backshells		

Remark: All dimensions are in mm.

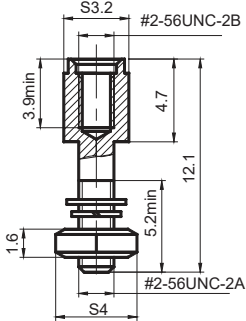
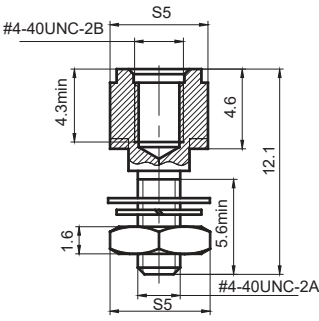
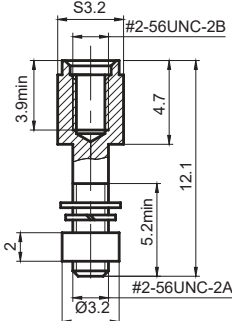
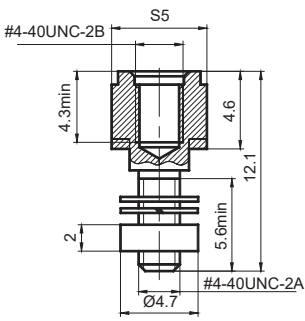
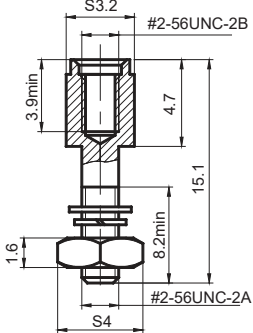
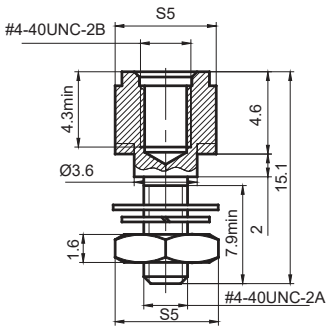


Locking Hardware

Code	Feature	Outline Dimensions	
		9~69pins	100pins
S01	1. Non-Removable 2. Short Jackscrew with A Retainer Sleeve 3. Hex Head		
S02	1. Non-Removable 2. Short Jackscrew with A Retainer Sleeve 3. Slot Head		
S03	1. Non-Removable 2. Long Jackscrew with A Retainer Sleeve 3. Hex Head		
S04	1. Non-Removable 2. Long Jackscrew with A Retainer Sleeve 3. Slot Head		

Remark: All dimensions are in mm.

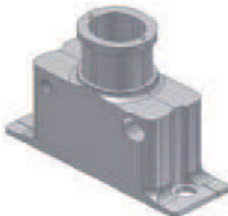
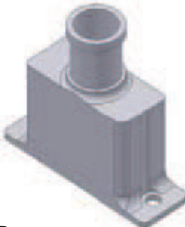
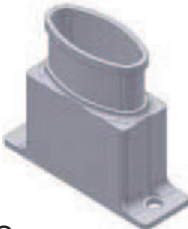
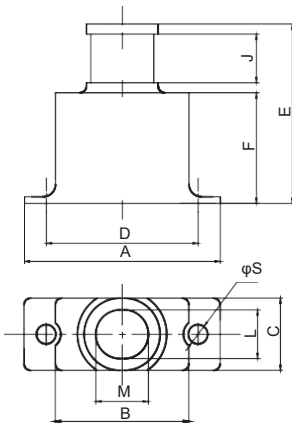
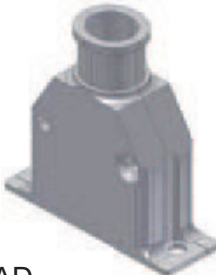
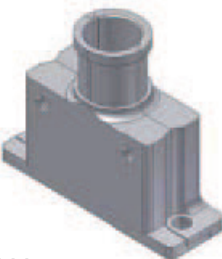
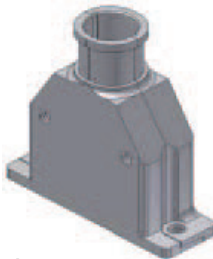
Locking Hardware

Code	Feature	Outline Dimensions	
		9~69pins	100pins
N01	1. Hex Head Jackpost 2. For Front Panel Mounting 3. Panel Thickness is Not More Than 2mm		
N06	1. Hex Head Jackpost 2. For Connectors with Backshells		
N07	1. Hex Head Jackpost 2. For Front Panel Mounting 3. Panel Thickness is Not More Than 5mm		

Remark: All dimensions are in mm.



Backshells

Stereogram & Feature			Outline Dimensions
 AA AA Style: Two-Piece, Standard Type	 AB AB Style: One-Piece, Standard Type	 AC AC Style: One-Piece, Wide Entry	
 AD AD Style: Two-Piece, Elongated Type	 AH AH Style: Two-Piece, Non-Skid Type	 AJ AJ Style: Two-Piece, Non-Skid And Elongated Type	
 AG AG Style: One-Piece, Standard Type with 90° Entry			

Remark: All dimensions are in mm.

Outline Dimensions Of Backshells

Part Number	Outline Dimensions									
	A ±0.10	B ±0.10	C ±0.10	D ±0.10	E ±0.10	F ±0.10	J ±0.10	ØS	L ±0.10	M ±0.10
R04A-9-AA	19.6	12.1	8.7	14.3	21.4	13.2	5.8	2.31	-	4.7
R04A-15-AA	23.5	16	8.7	18.2	21.4	13.2	5.8	2.31	-	5.8
R04A-21-AA	27.3	19.8	8.7	22	21.4	13.2	5.8	2.31	-	6.5
R04A-25-AA	29.8	22.3	8.7	24.5	21.4	13.2	5.8	2.31	6.6	7.9
R04A-31-AA	33.6	26.1	8.7	28.3	21.4	13.2	5.8	2.31	6.6	8.4
R04A-37-AA	37.4	29.9	8.7	32.1	21.4	13.2	5.8	2.31	6.6	9.5
R04A-A51-AA	46.3	38.8	8.7	41	21.4	13.2	5.8	2.31	6.6	13.1
R04A-51-AA	36.2	28.7	9.7	30.9	23.7	15.5	5.8	2.31	7.5	11.9
R04A-69-AA	43.8	36.3	9.7	38.5	23.7	15.5	5.8	2.31	7.5	15.7
R04A-100-AA	54.7	38.8	11	45.7	24.2	16	5.8	3.7	8.7	17.5
R04A-9-AB	19.6	11.2	8.7	14.3	21.4	13.2	5.8	2.31	-	4.7
R04A-15-AB	23.5	15	8.7	18.2	21.4	13.2	5.8	2.31	-	5.8
R04A-21-AB	27.3	18.8	8.7	22	21.4	13.2	5.8	2.31	-	6.5
R04A-25-AB	29.8	21.4	8.7	24.5	21.4	13.2	5.8	2.31	6.7	7.8
R04A-31-AB	33.6	25.2	8.7	28.3	21.4	13.2	5.8	2.31	6.7	8.3
R04A-37-AB	37.4	29	8.7	32.1	21.4	13.2	5.8	2.31	6.7	9.5
R04A-A51-AB	46.3	37.9	8.7	41	21.4	13.2	5.8	2.31	6.7	13
R04A-51-AB	36.2	27.8	9.7	30.9	23.7	15.5	5.8	2.31	7.5	11.9
R04A-69-AB	43.8	35.4	9.7	38.5	23.7	15.5	5.8	2.31	7.5	15.7
R04A-100-AB	54.7	38.7	11	45.7	24.2	16	5.8	3.7	8.7	17.4
R04A-9-AC	19.6	11.2	8.7	14.3	21.4	13.2	5.8	2.31	6.7	7.9
R04A-15-AC	23.5	15	8.7	18.2	21.4	13.2	5.8	2.31	6.7	11.6
R04A-21-AC	27.3	18.8	8.7	22	21.4	13.2	5.8	2.31	6.7	15.4
R04A-25-AC	29.8	21.4	8.7	24.5	21.4	13.2	5.8	2.31	6.7	18
R04A-31-AC	33.6	25.2	8.7	28.3	21.4	13.2	5.8	2.31	6.7	21.8
R04A-37-AC	37.4	29	8.7	32.1	21.4	13.2	5.8	2.31	6.7	25.6
R04A-A51-AC	46.3	37.9	8.7	41	21.4	13.2	5.8	2.31	6.7	26.2
R04A-51-AC	36.2	27.8	9.7	30.9	23.7	15.5	5.8	2.31	7.5	23.4
R04A-69-AC	43.8	35.4	9.7	38.5	23.7	15.5	5.8	2.31	7.5	29.4
R04A-100-AC	54.7	38.7	11	45.7	24.2	16	5.8	3.7	8.7	34.1
R04A-9-AD	19.6	12.1	8.7	14.3	29.4	21.2	5.8	2.31	-	4.7
R04A-15-AD	23.5	16	8.7	18.2	29.4	21.2	5.8	2.31	-	5.8
R04A-21-AD	27.3	19.8	8.7	22	29.4	21.2	5.8	2.31	-	6.5
R04A-25-AD	29.8	22.3	8.7	24.5	29.4	21.2	5.8	2.31	6.6	7.9
R04A-31-AD	33.6	26.1	8.7	28.3	29.4	21.2	5.8	2.31	6.6	8.4

Remark: All dimensions are in mm.



Outline Dimensions Of Backshells

Part Number	Outline Dimensions									
	A ±0.10	B ±0.10	C ±0.10	D ±0.10	E ±0.10	F ±0.10	J ±0.10	ØS	L ±0.10	M ±0.10
R04A-31-AH	33.6	25.2	8.7	28.3	21.4	13.2	5.8	2.31	6.7	8.3
R04A-37-AH	37.4	29	8.7	32.1	21.4	13.2	5.8	2.31	6.7	9.5
R04A-A51-AH	46.3	37.9	8.7	41	21.4	13.2	5.8	2.31	6.7	13
R04A-51-AH	36.2	27.8	9.7	30.9	23.7	15.5	5.8	2.31	7.5	11.9
R04A-69-AH	43.8	35.4	9.7	38.5	23.7	15.5	5.8	2.31	7.5	15.7
R04A-100-AH	54.7	38.7	11	45.7	24.2	16	5.8	3.7	8.7	17.4
R04A-9-AJ	19.6	12.1	8.7	14.3	29.4	21.2	5.8	2.31	-	4.7
R04A-15-AJ	23.5	16	8.7	18.2	29.4	21.2	5.8	2.31	-	5.8
R04A-21-AJ	27.3	19.8	8.7	22	29.4	21.2	5.8	2.31	-	6.5
R04A-25-AJ	29.8	22.3	8.7	24.5	29.4	21.2	5.8	2.31	6.6	7.9
R04A-31-AJ	33.6	26.1	8.7	28.3	29.4	21.2	5.8	2.31	6.6	8.4
R04A-37-AJ	37.4	29.9	8.7	32.1	29.4	21.2	5.8	2.31	6.6	9.5
R04A-A51-AJ	46.3	38.8	8.7	41	29.4	21.2	5.8	2.31	6.6	13.1
R04A-51-AJ	36.2	28.7	9.7	30.9	31.7	23.5	5.8	2.31	7.5	11.9
R04A-69-AJ	43.8	36.3	9.7	38.5	31.7	23.5	5.8	2.31	7.5	15.7
R04A-100-AJ	54.7	38.8	11	45.7	32.2	24	5.8	3.7	8.7	17.5
R04A-9-AG	19.6	11.2	8.7	14.3	17.3	19.4	-	2.31	-	4.7
R04A-15-AG	23.5	15	8.7	18.2	18.4	23.2	-	2.31	-	5.8
R04A-21-AG	27.3	18.8	8.7	22	19.1	27	-	2.31	-	6.5
R04A-25-AG	29.8	21.4	8.7	24.5	20.4	29.6	-	2.31	6.7	7.8
R04A-31-AG	33.6	25.2	8.7	28.3	20.9	33.4	-	2.31	6.7	8.3
R04A-37-AG	37.4	29	8.7	32.1	22.1	37.2	-	2.31	6.7	9.5
R04A-A51-AG	46.3	37.9	8.7	41	25.6	46.1	-	2.31	6.7	13
R04A-51-AG	36.2	27.8	9.7	30.9	24.5	36	-	2.31	7.5	11.9
R04A-69-AG	43.8	35.4	9.7	38.5	28.3	43.6	-	2.31	7.5	15.7
R04A-100-AG	54.7	38.7	11	45.7	30	46.9	-	3.7	8.7	17.4

