



MDQ系列微矩形电连接器

该系列产品和MDM系列产品对插界面尺寸完全相同，但比MDM系列产品宽度尺寸小1.8mm，高度尺寸低0.8mm，体积只有原来的64%~70%，是一种结构合理的小型化产品，推荐使用。

- 芯数：9、15、21、25、31、37、51、66、74、100
- 接触件间距1.27mm，排距1.1mm
- 压接截面积为0.05mm²~0.15mm²导线
- 产品执行的总规范：GJB2446
- 产品执行的详细规范：Q/MB20406-2007

技术参数

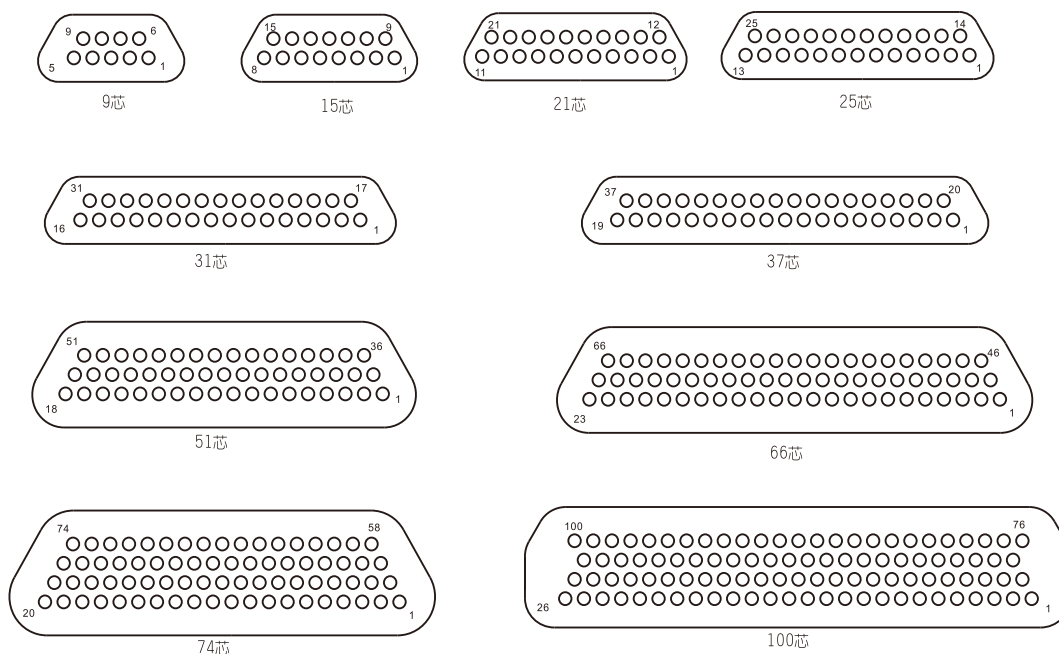
使用环境条件		主要技术参数	
环境温度	-55℃~+125℃	工作电流	3A max
相对湿度	+40℃，98%	接触电阻	≤8mΩ
低气压	4.4KPa, 150V	绝缘电阻	≥5000MΩ
振 动	10~2000Hz 196m/s ²	耐 压	600 V
冲 击	490 m/s ²	机械寿命	500次

MDQ系列型号组成

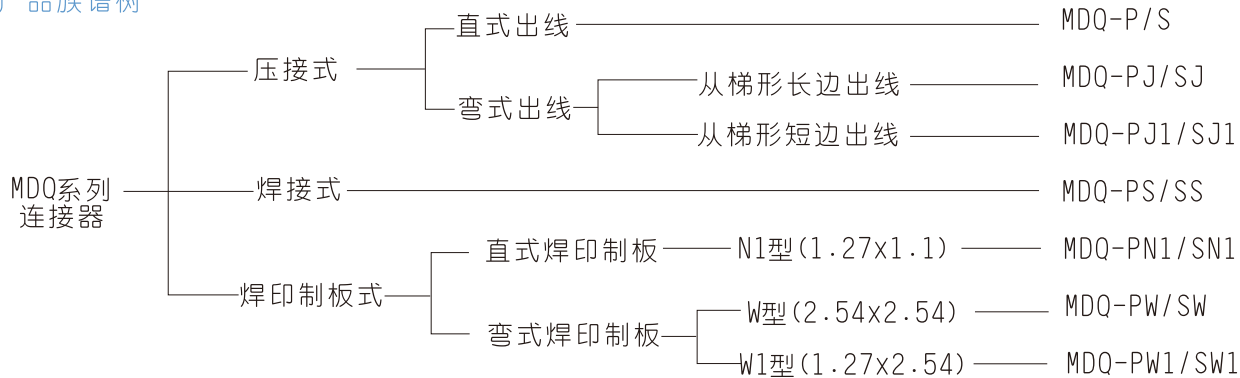
序号	分类特征	分类内容	标志代号
1	主称代号	微矩形连接器	MDQ
2	接触件数目	接触件数目	用阿拉伯数字表示
3	接触件种类	插针接触件	P
		插孔接触件	S
4	端接形式	压接(带导线)	不标示
		焊接	S
		直式焊印制板	N
		弯式焊印制板	W
5	夹线装置	护线壳	H
6	出线方式	直式	不标示
		弯式	J
7	安装附件	自由端安装附件	L
		固定端安装附件	P



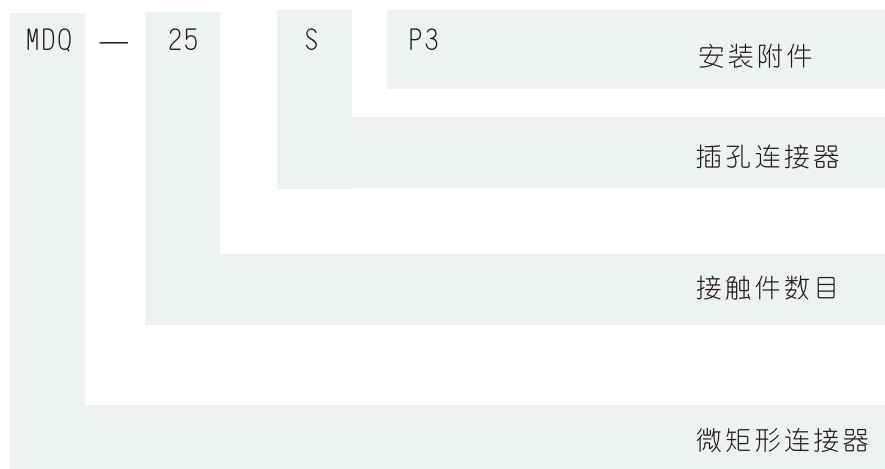
型谱排列（从插针连接器对插面看）



产品族谱树



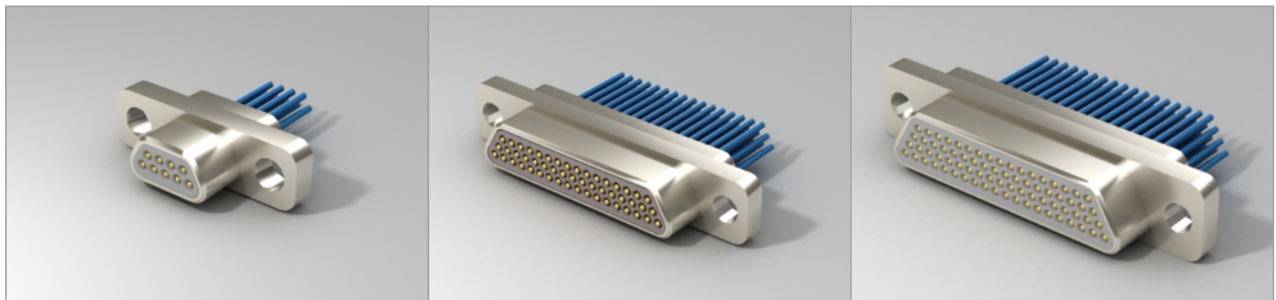
MDQ型号命名示例



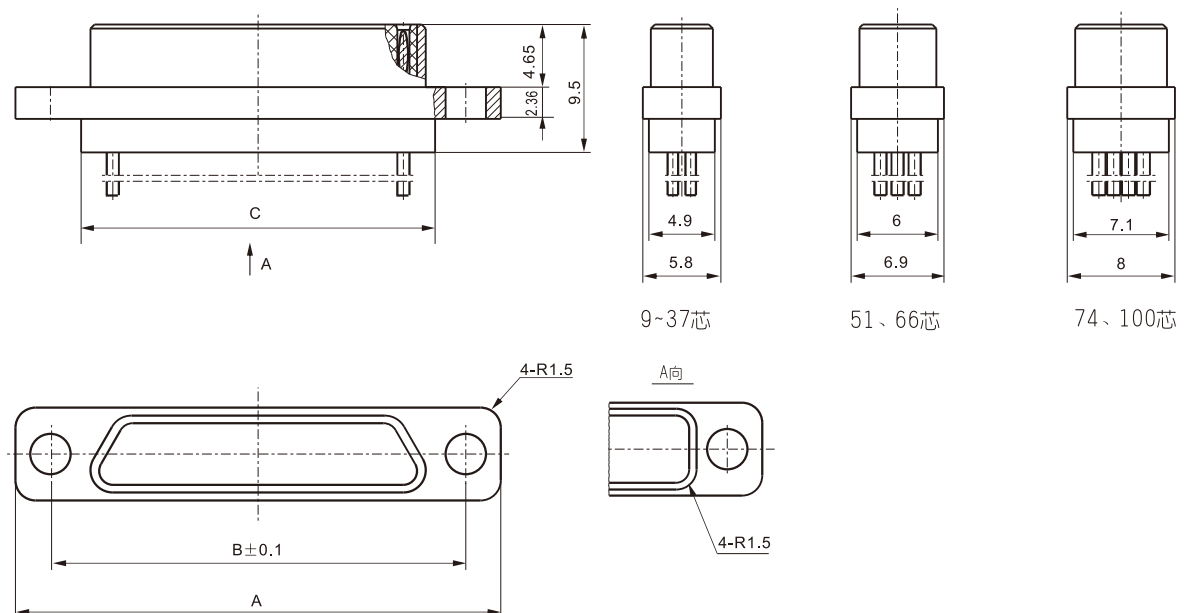


MDQ压接式电连接器

MDQ-9、15、21、25、31、37、51、66、74、100P
产品立体图



产品外形尺寸图



产品型号	A	B	C
MDQ-9P	19.55	14.35	9.9
MDQ-15P	23.36	18.16	13.61
MDQ-21P	27.17	21.97	17.6
MDQ-25P	29.71	24.51	19.96
MDQ-31P	33.52	28.32	23.77
MDQ-37P	37.33	32.13	27.68
MDQ-51P	36.06	30.86	26.3
MDQ-66P	42.5	37.3	32.74
MDQ-74P	38.8	33.5	28.9
MDQ-100P	46.1	40.9	36.35

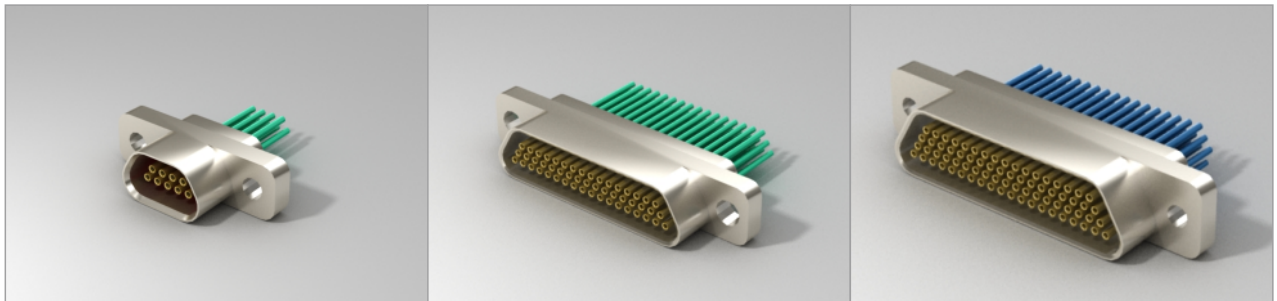


MDQ系列

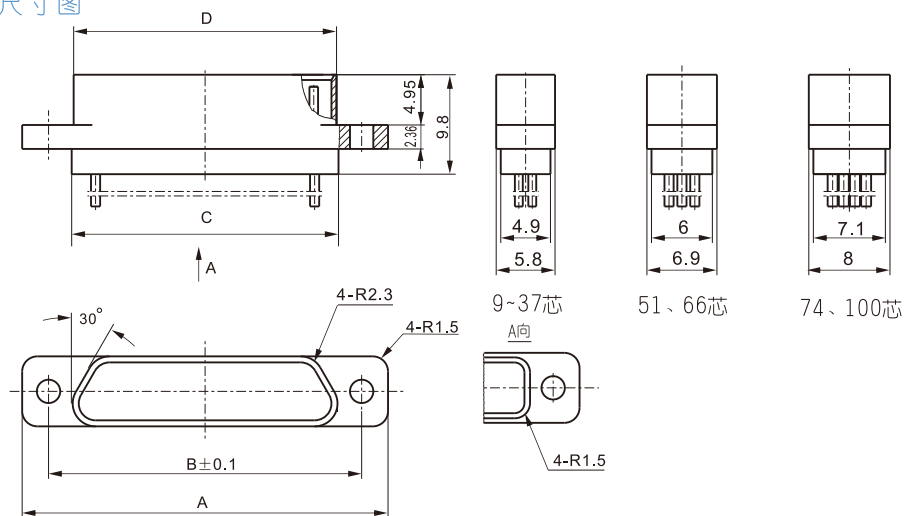
微矩形电连接器

MDQ-9、15、21、25、31、37、51、66、74、100S

产品立体图

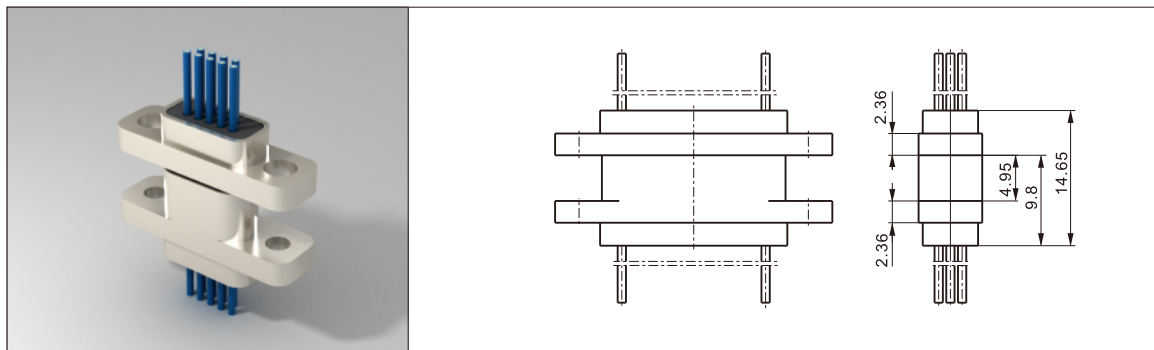


产品外形尺寸图



产品型号	A	B	C	D
MDQ-9S	19.55	14.35	9.9	9.59
MDQ-15S	23.36	18.16	13.61	13.40
MDQ-21S	27.17	21.97	17.6	17.21
MDQ-25S	29.71	24.51	19.96	19.75
MDQ-31S	33.52	28.32	23.77	23.56
MDQ-37S	37.33	32.13	27.68	27.37
MDQ-51S	36.06	30.86	26.3	26.09
MDQ-66S	42.5	37.3	32.74	32.49
MDQ-74S	38.8	33.5	28.9	28.73
MDQ-100S	46.1	40.9	36.35	36.27

产品对接后尺寸图

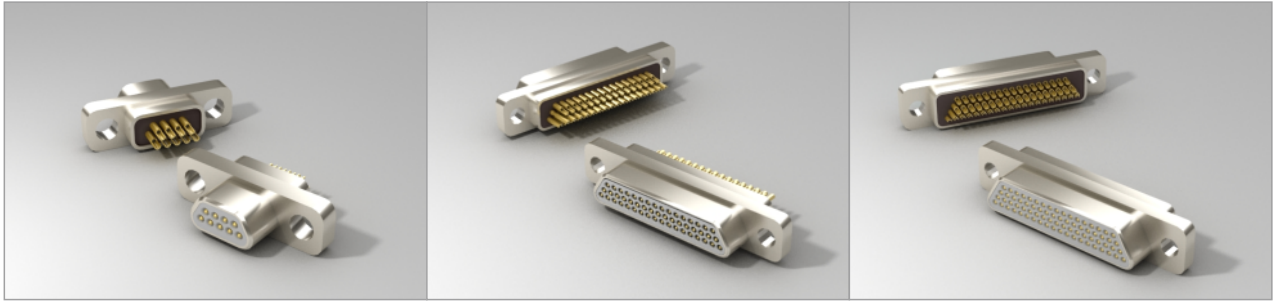




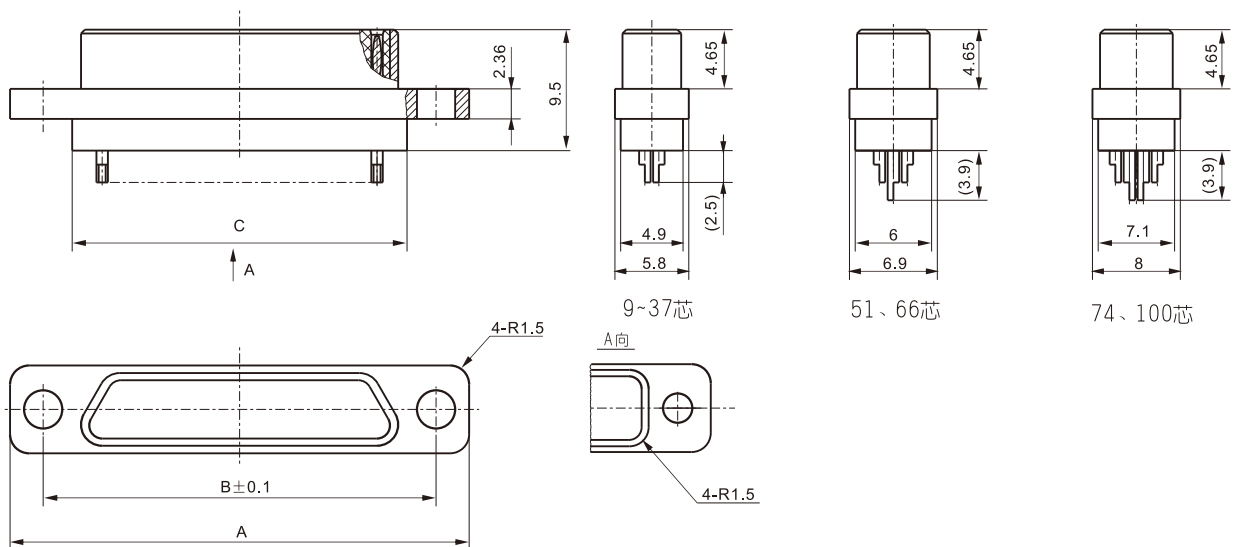
MDQ焊接式电连接器

MDQ-9、15、21、25、31、37、51、66、74、100PS

产品立体图



产品外形尺寸图



产品型号	A	B	C
MDQ-9PS	19.55	14.35	9.9
MDQ-15PS	23.36	18.16	13.61
MDQ-21PS	27.17	21.97	17.6
MDQ-25PS	29.71	24.51	19.96
MDQ-31PS	33.52	28.32	23.77
MDQ-37PS	37.33	32.13	27.68
MDQ-51PS	36.06	30.86	26.3
MDQ-66PS	42.5	37.3	32.74
MDQ-74PS	38.8	33.5	28.9
MDQ-100PS	46.1	40.9	36.35

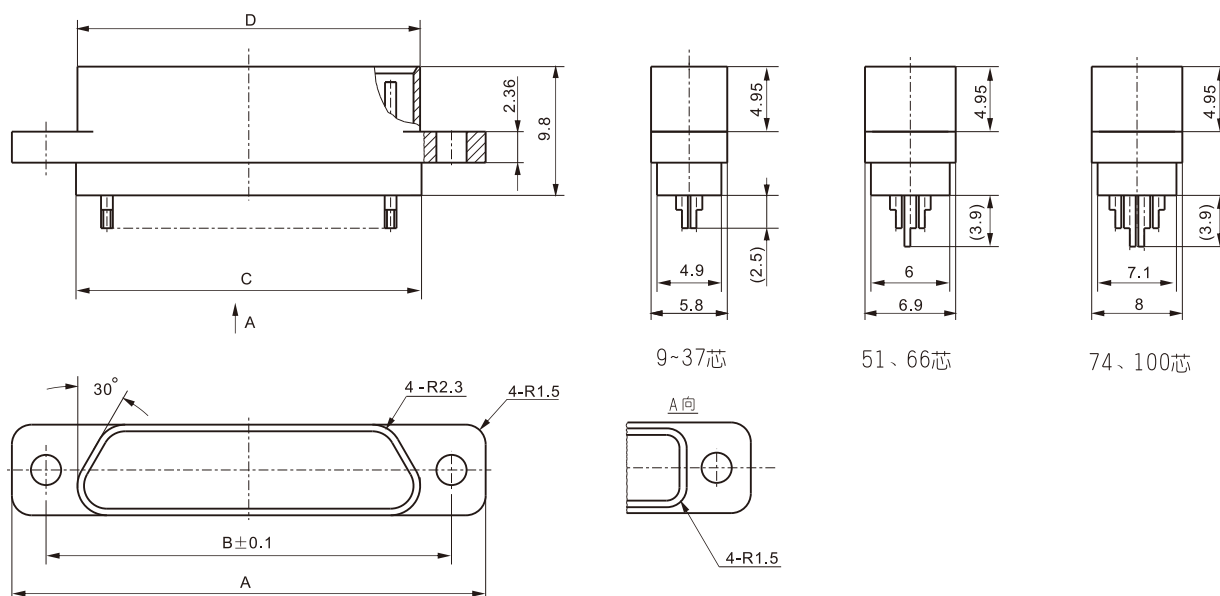


MDQ-9、15、21、25、31、37、51、66、74、100SS

产品立体图



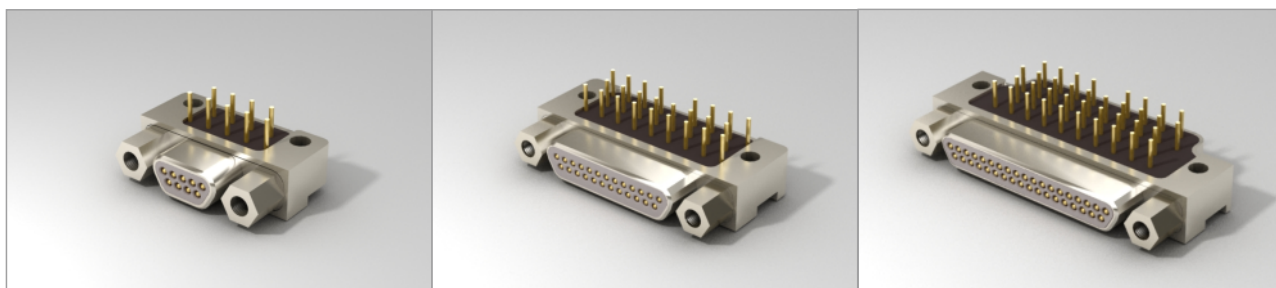
产品外形尺寸图



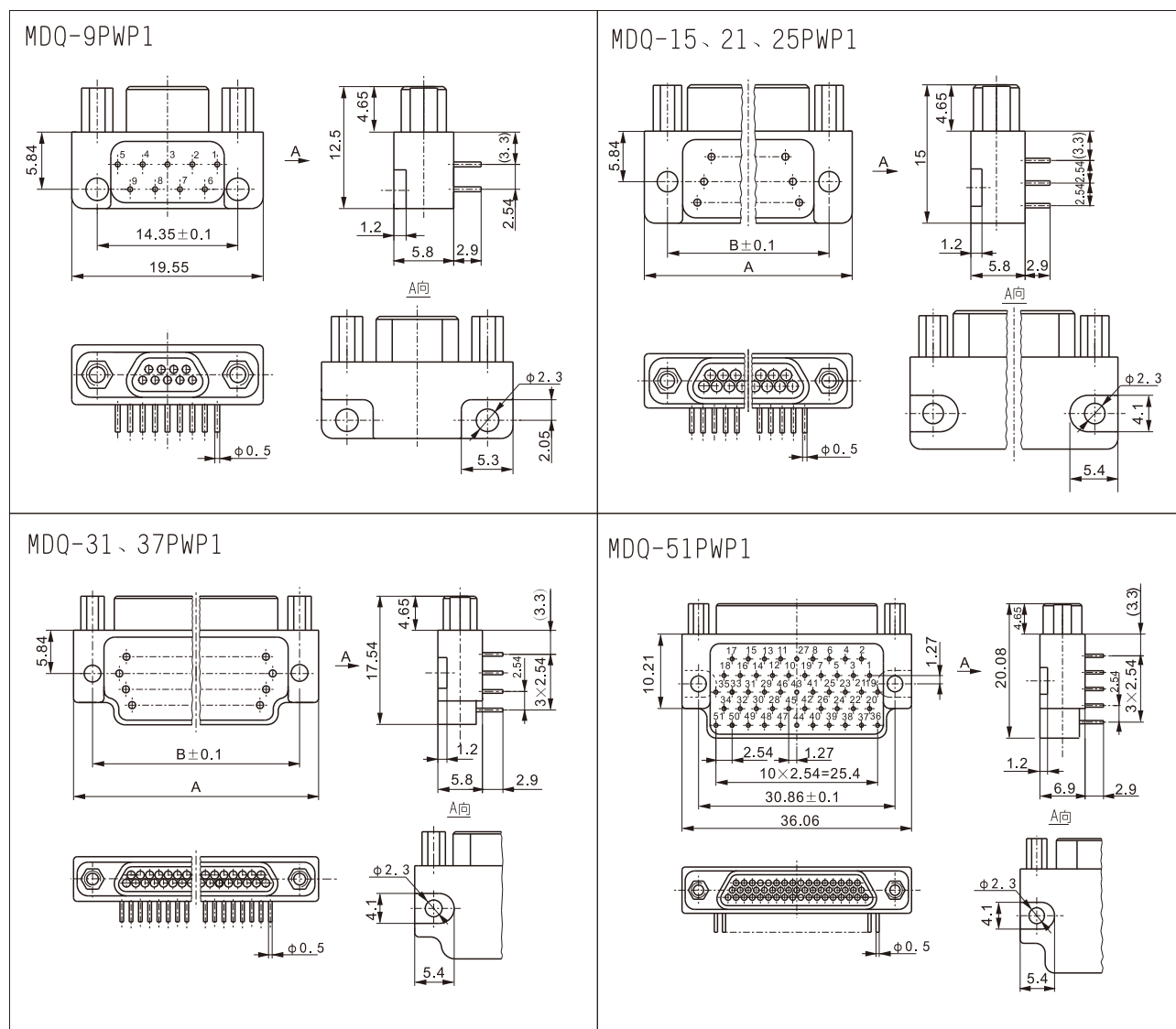
产品型号	A	B	C	D
MDQ-9SS	19.55	14.35	9.9	9.59
MDQ-15SS	23.36	18.16	13.61	13.40
MDQ-21SS	27.17	21.97	17.6	17.21
MDQ-25SS	29.71	24.51	19.96	19.75
MDQ-31SS	33.52	28.32	23.77	23.56
MDQ-37SS	37.33	32.13	27.68	27.37
MDQ-51SS	36.06	30.86	26.3	26.09
MDQ-66SS	42.5	37.3	32.74	32.49
MDQ-74SS	38.8	33.5	28.9	28.73
MDQ-100SS	46.1	40.9	36.35	36.27



- MDQ弯式焊印制板式电连接器
 - ◆ MDQ弯式焊印制板式W型电连接器
 - 网格尺寸为2.54mm×2.54mm,产品带P1型安装附件
 - 产品专利号: ZL200620078925.9
 - MDQ-9、15、21、25、31、37、51PWP1
- 产品立体图



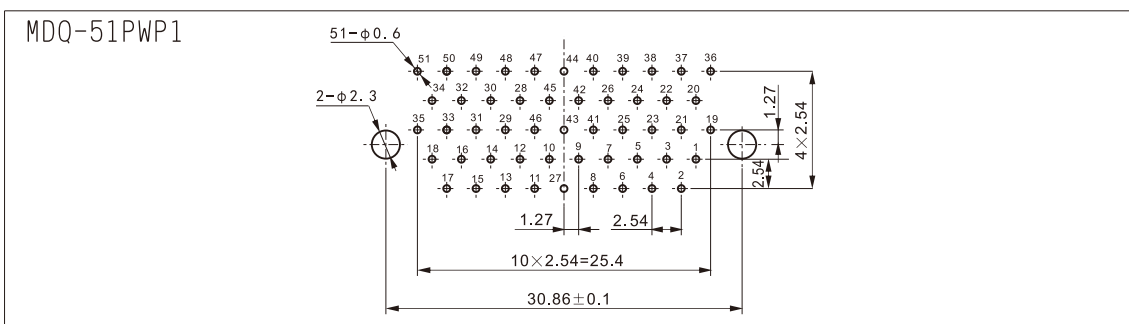
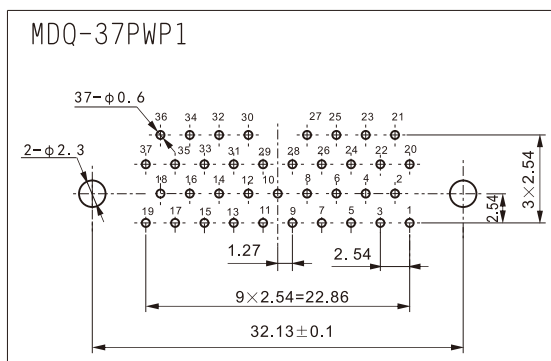
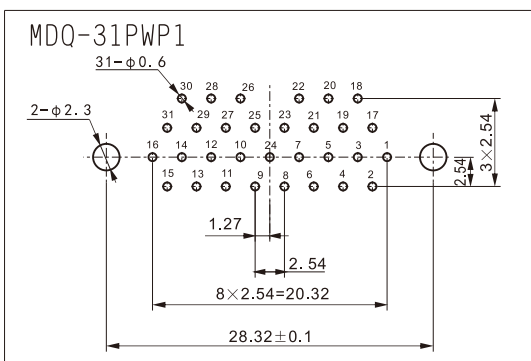
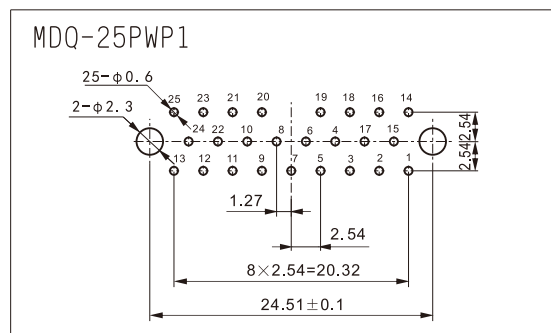
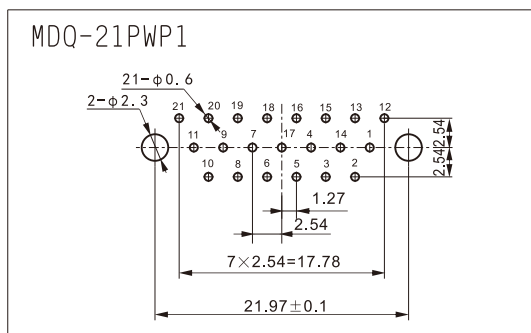
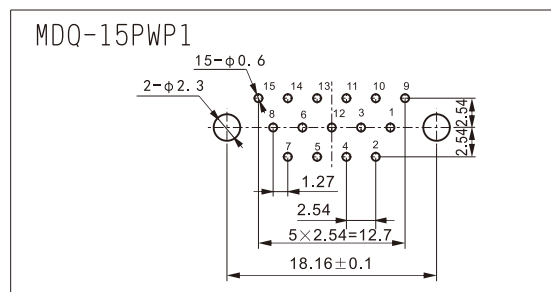
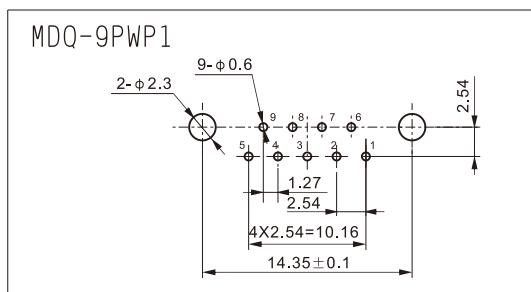
产品外形尺寸图





产品型号	A	B	产品型号	A	B
MDQ-15PWP1	23.36	18.16	MDQ-31PWP1	33.52	28.32
MDQ-21PWP1	27.17	21.97	MDQ-37PWP1	37.33	32.13
MDQ-25PWP1	29.71	24.51			

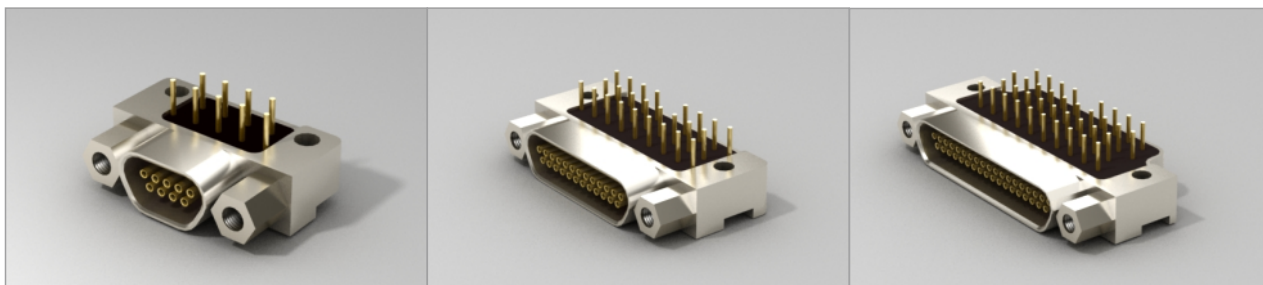
MDQ弯式焊印制板式W型插针电连接器开孔尺寸



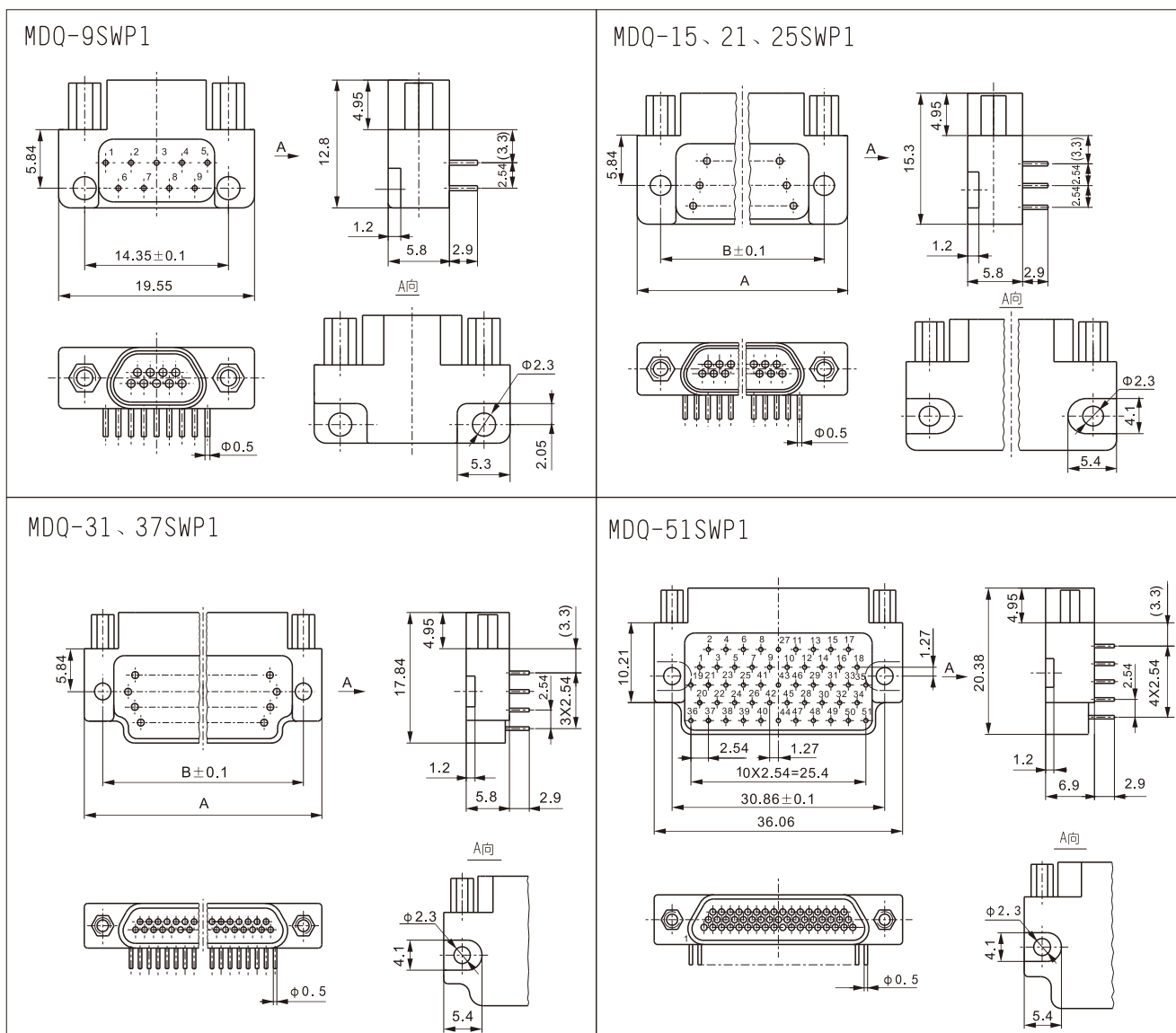


MDQ-9、15、21、25、31、37、51SWP1

产品立体图



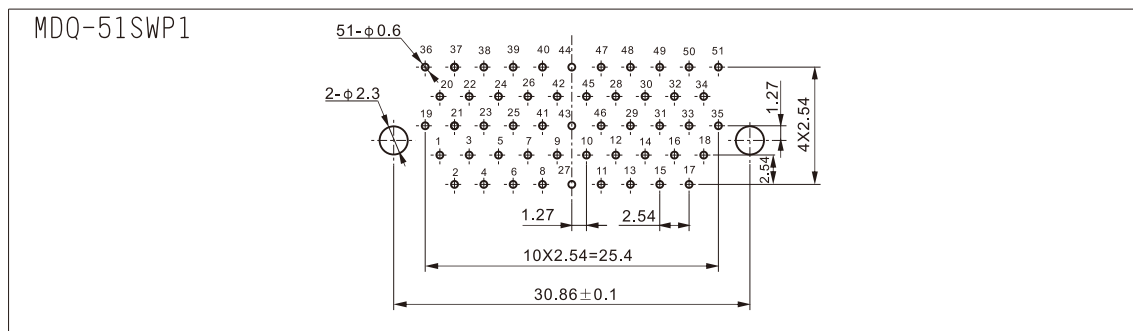
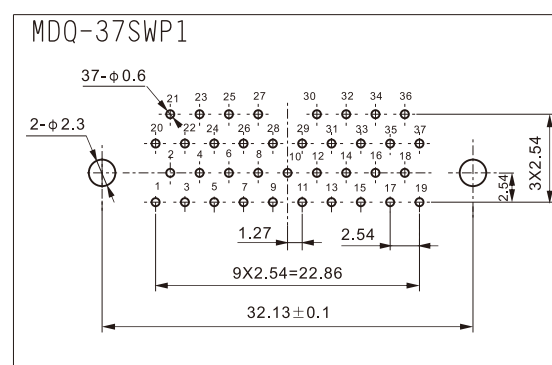
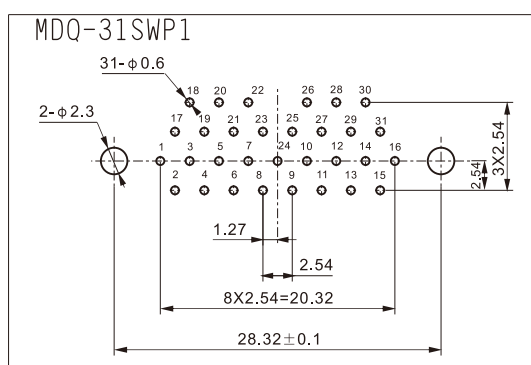
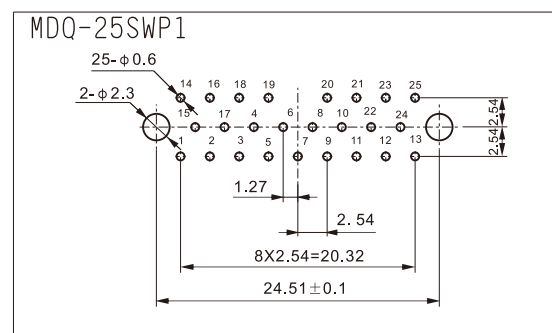
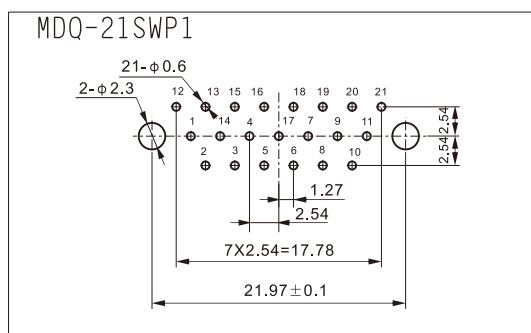
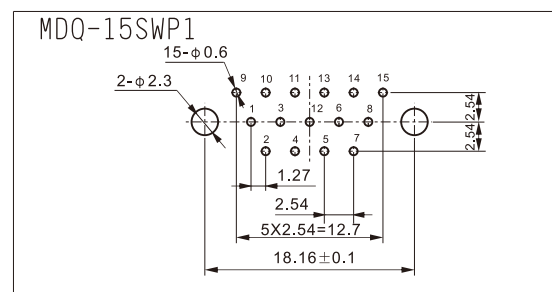
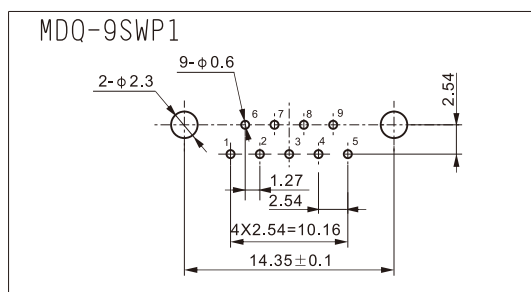
产品外形尺寸图





产品型号	A	B	产品型号	A	B
MDQ-15SWP1	23.36	18.16	MDQ-31SWP1	33.52	28.32
MDQ-21SWP1	27.17	21.97	MDQ-37SWP1	37.33	32.13
MDQ-25SWP1	29.71	24.51			

MDQ弯式焊印制板式W型插孔电连接器开孔尺寸

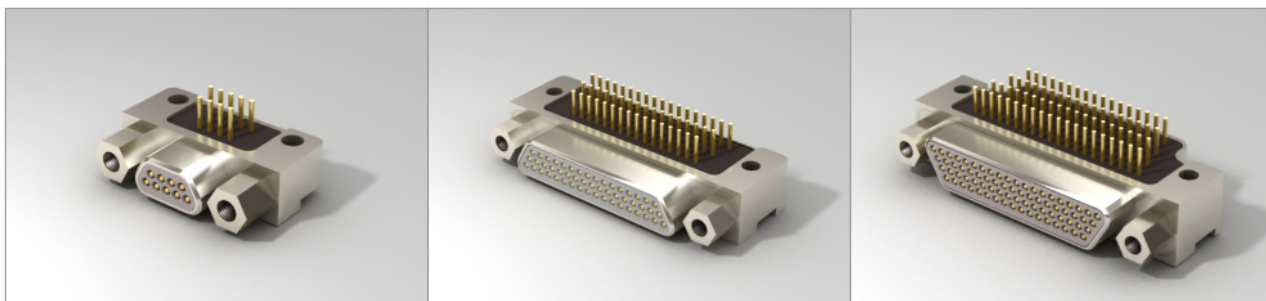




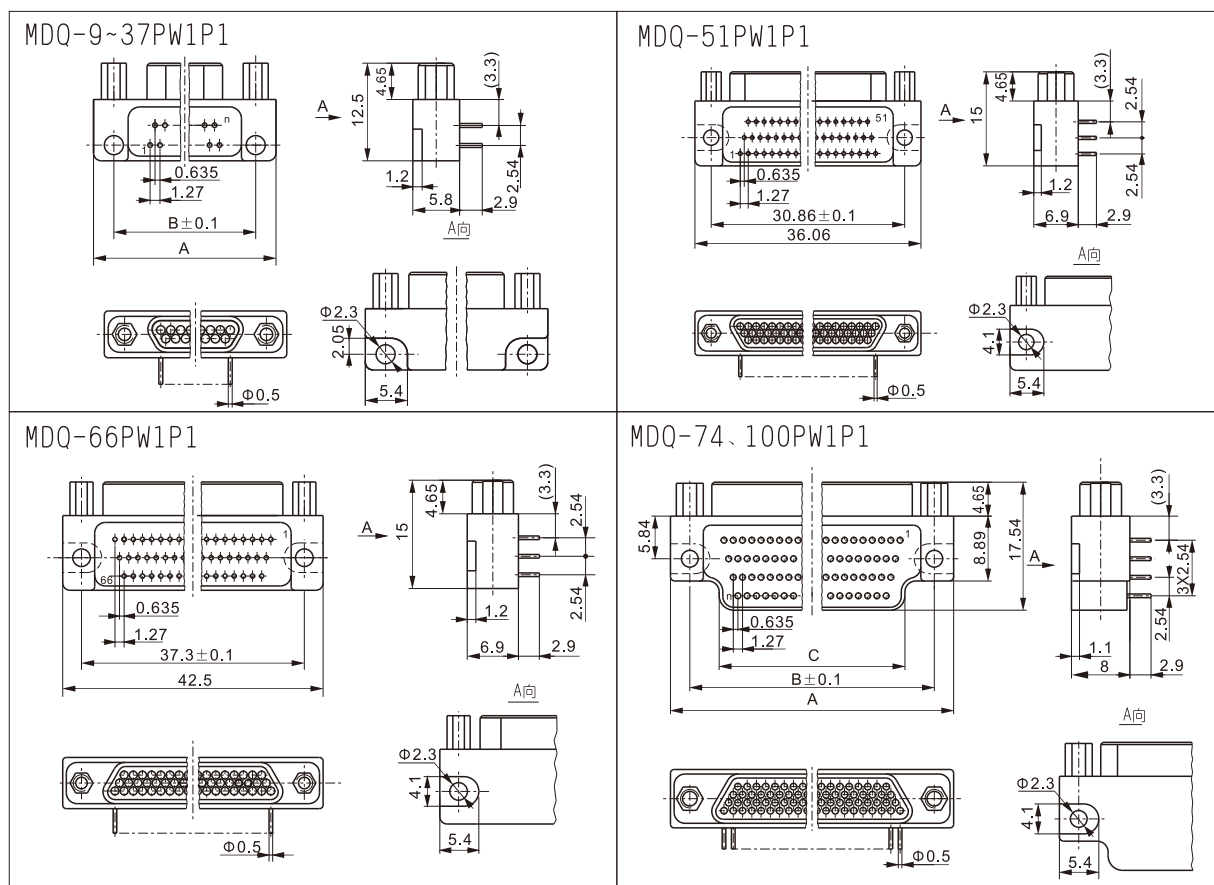
MDQ弯式焊印制板式W1型电连接器

- 网格尺寸为1.27mm×2.54mm，产品带P1型安装附件
- 产品专利号：ZL200620078925.9
- MDQ-9、15、21、25、31、37、51、66、74、100PW1P1

产品立体图



产品外形尺寸图

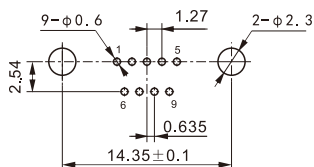


产品型号	A	B	产品型号	A	B	C
MDQ-9PW1P1	19.55	14.35	MDQ-31PW1P1	33.52	28.32	-
MDQ-15PW1P1	23.36	18.16	MDQ-37PW1P1	37.33	32.13	-
MDQ-21PW1P1	27.17	21.97	MDQ-74PW1P1	38.8	33.5	25.45
MDQ-25PW1P1	29.71	24.51	MDQ-100PW1P1	46.1	40.9	34.34

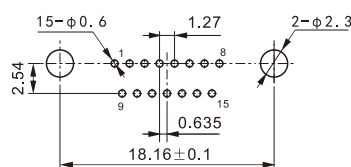


MDQ弯式焊印制板式W1型插针电连接器开孔尺寸

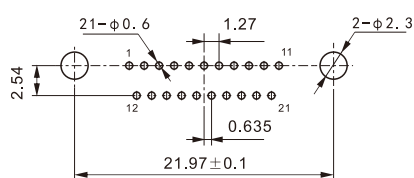
MDQ-9PW1P1



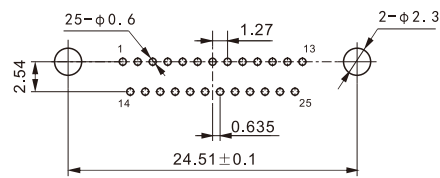
MDQ-15PW1P1



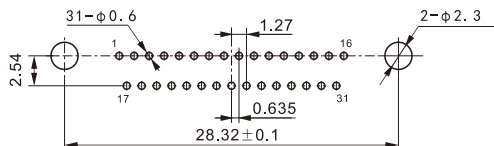
MDQ-21PW1P1



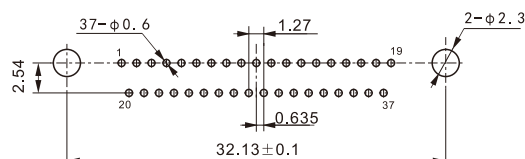
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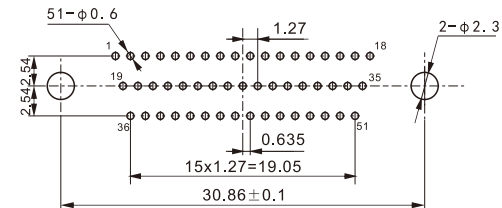
MDQ-31PW1P1



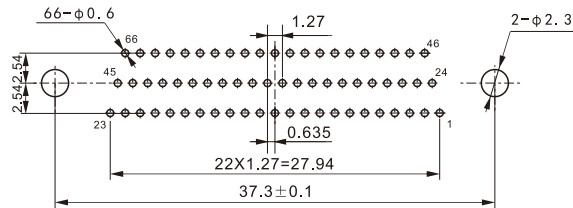
MDQ-37PW1P1



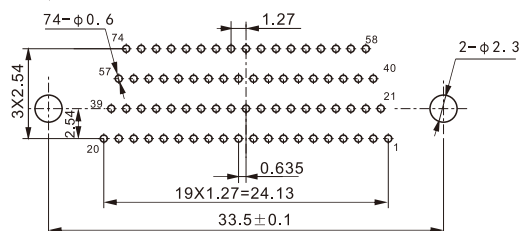
MDQ-51PW1P1



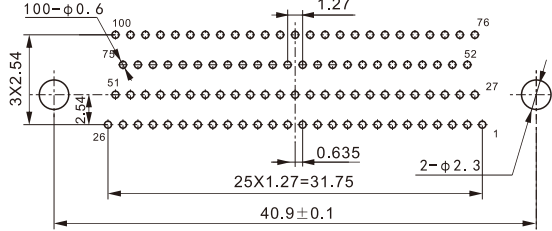
MDQ-66PW1P1



MDQ-74PW1P1



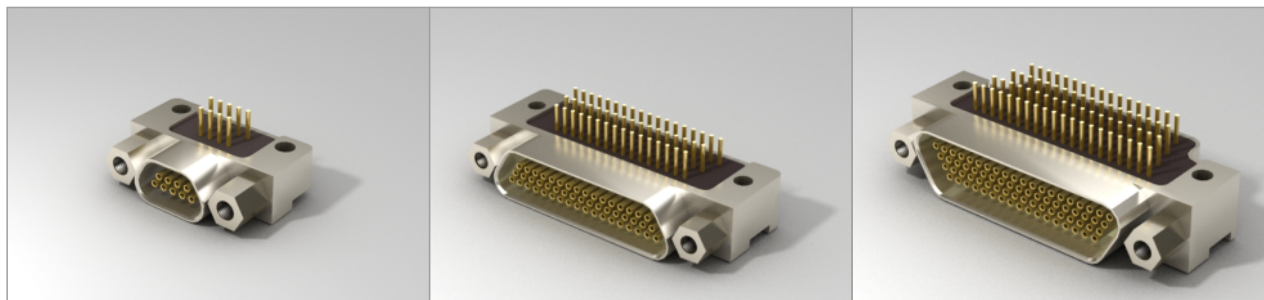
MDQ-100PW1P1



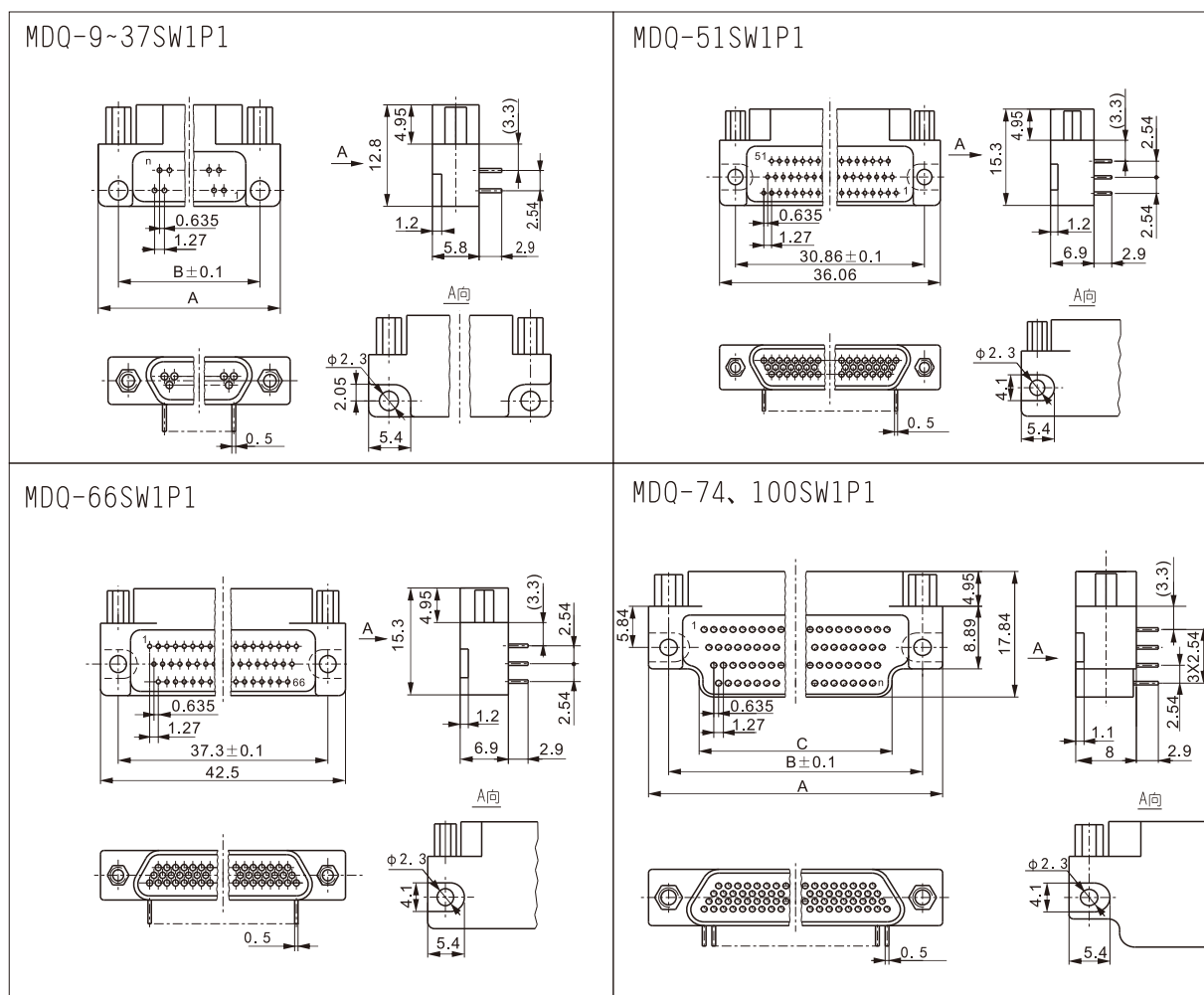


MDQ-9、15、21、25、31、37、51、66、74、100SW1P1

产品立体图



产品外形尺寸图

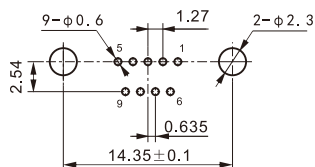


产品型号	A	B	产品型号	A	B	C
MDQ-9SW1P1	19.55	14.35	MDQ-31SW1P1	33.52	28.32	-
MDQ-15SW1P1	23.36	18.16	MDQ-37SW1P1	37.33	32.13	-
MDQ-21SW1P1	27.17	21.97	MDQ-74SW1P1	38.8	33.5	25.45
MDQ-25SW1P1	29.71	24.51	MDQ-100SW1P1	46.1	40.9	34.34

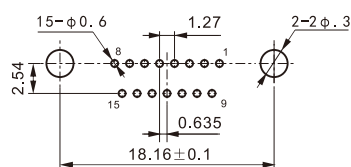


MDQ弯式焊印制板式W1型插孔电连接器开孔尺寸

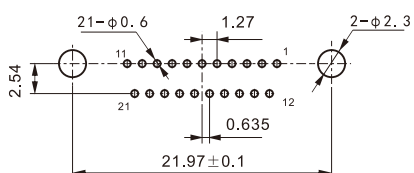
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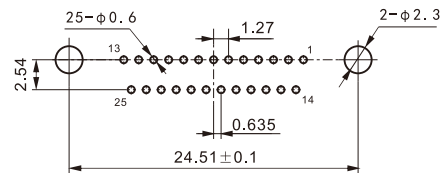
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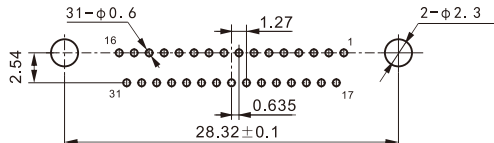
MDQ-21SW1P1



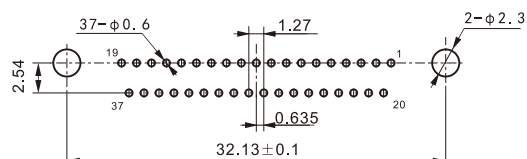
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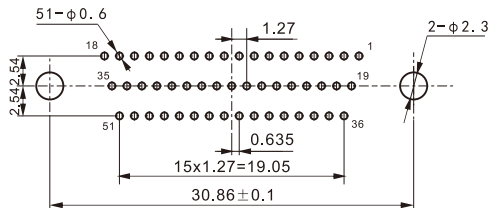
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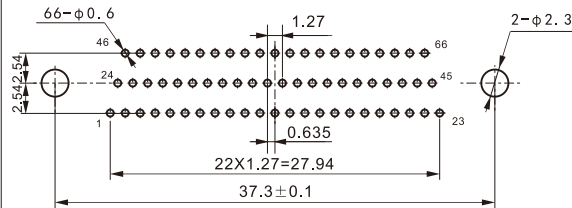
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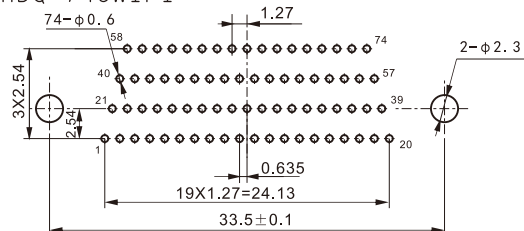
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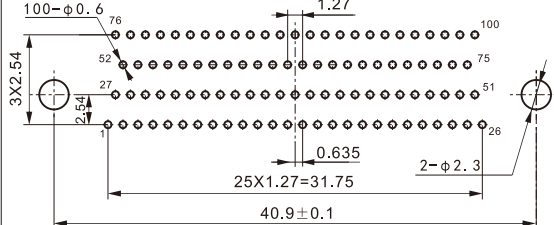
MDQ-66SW1P1



MDQ-74SW1P1



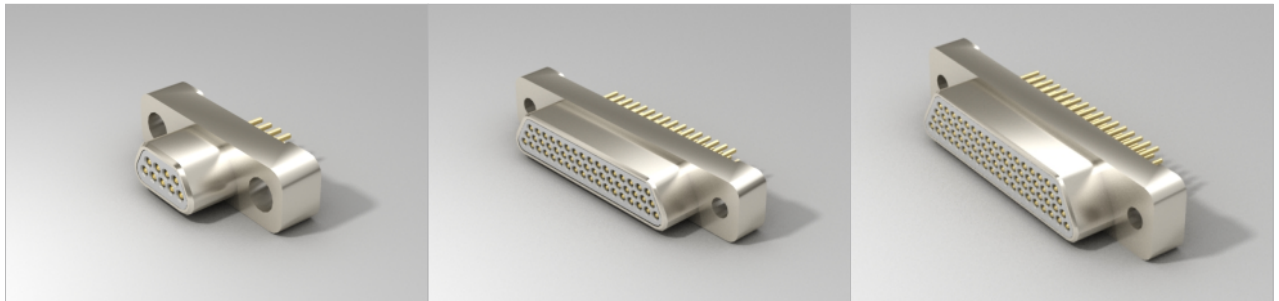
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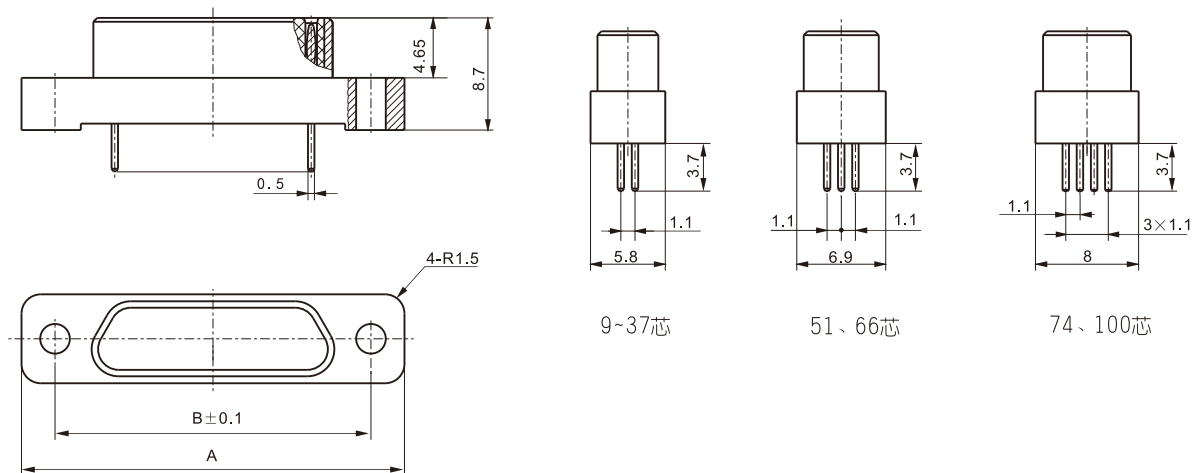


- MDQ直式焊印制板式电连接器
- MDQ直式焊印制板式N1型电连接器
- 网络尺寸为1.27mm×1.1mm（列×行），产品推荐P4型安装附件
- MDQ-9、15、21、25、31、37、51、66、74、100PN1

产品立体图



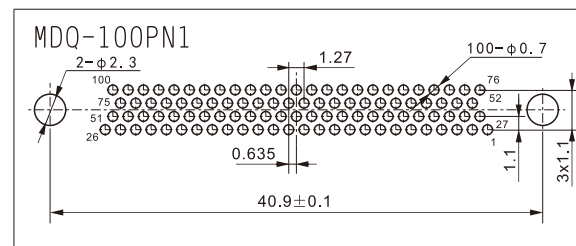
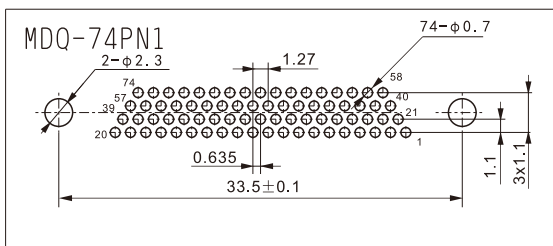
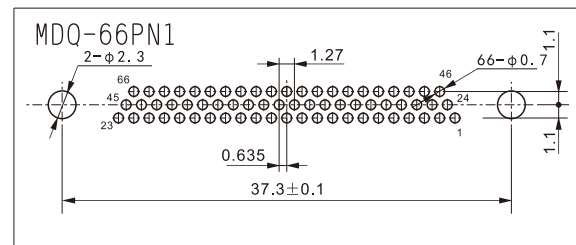
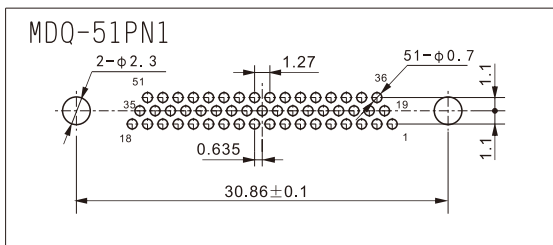
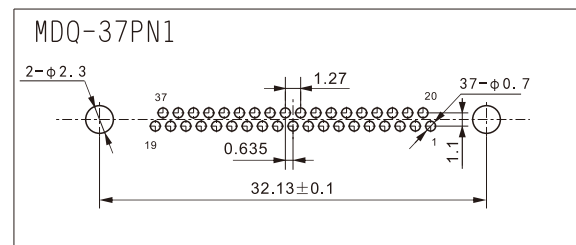
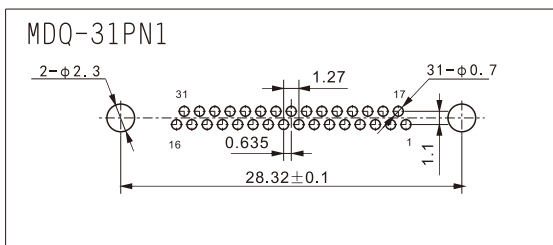
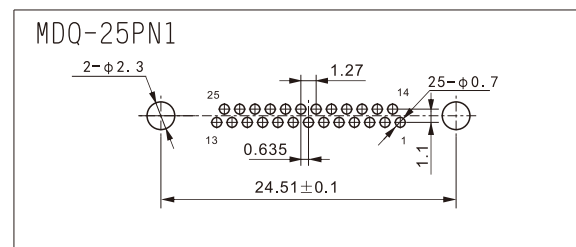
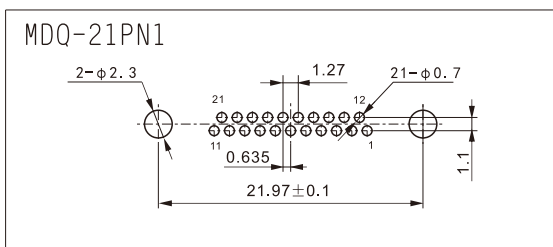
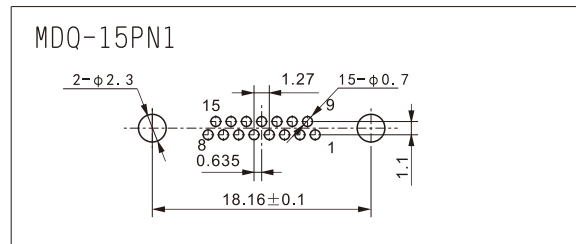
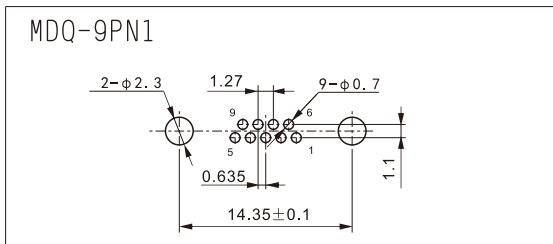
产品外形尺寸图



产品型号	A	B
MDQ-9PN1	19.55	14.35
MDQ-15PN1	23.36	18.16
MDQ-21PN1	27.17	21.97
MDQ-25PN1	29.71	24.51
MDQ-31PN1	33.52	28.32
MDQ-37PN1	37.33	32.13
MDQ-51PN1	36.06	30.86
MDQ-66PN1	42.5	37.3
MDQ-74PN1	38.8	33.5
MDQ-100PN1	46.1	40.9



MDQ直式焊印制板式N1型插针电连接器开孔尺寸





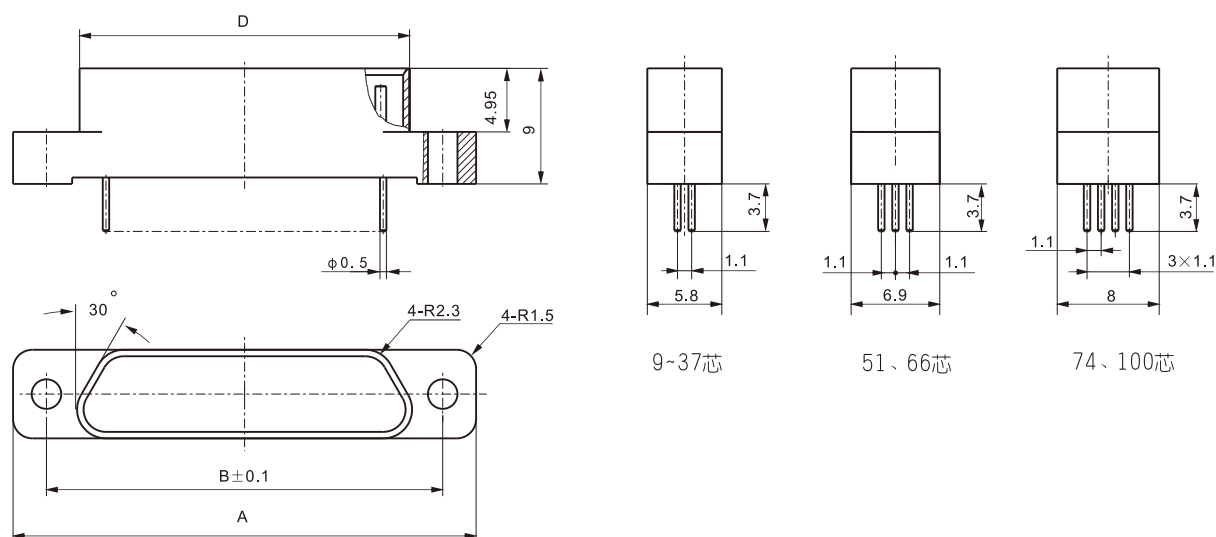
MDQ系列

微矩形电连接器

MDQ-9、15、21、25、31、37、51、66、74、100SN1
产品立体图



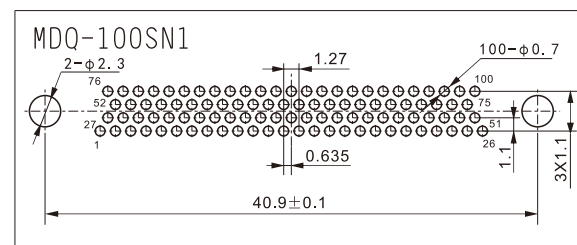
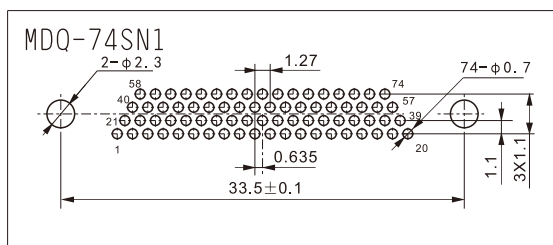
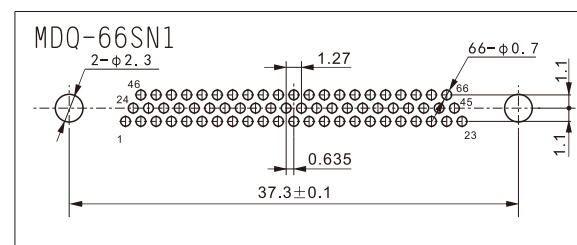
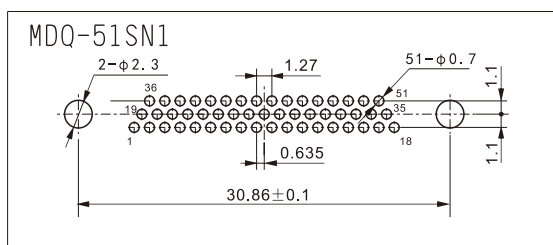
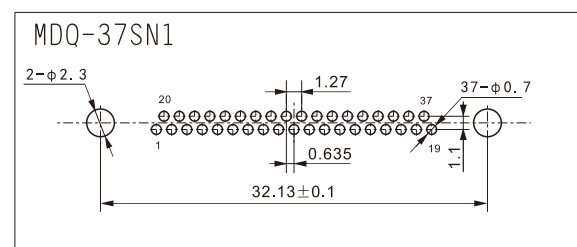
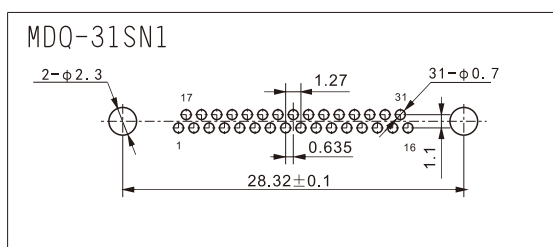
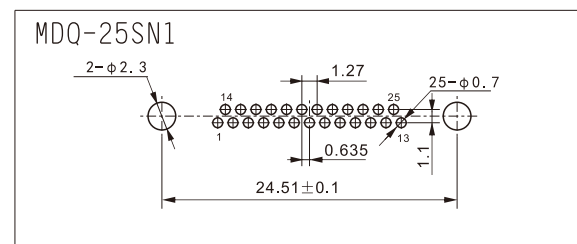
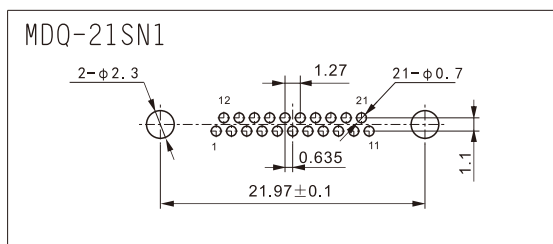
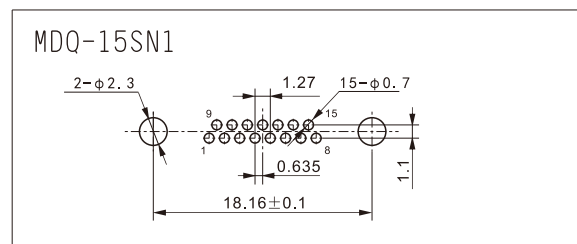
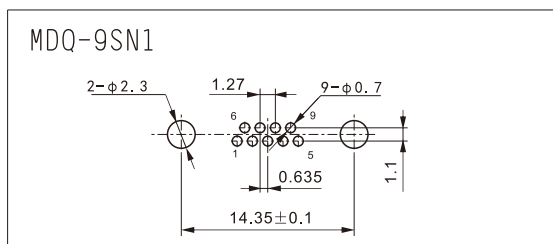
产品外形尺寸图



产品型号	A	B	D
MDQ-9SN1	19.55	14.35	9.59
MDQ-15SN1	23.36	18.16	13.40
MDQ-21SN1	27.17	21.97	17.21
MDQ-25SN1	29.71	24.51	19.75
MDQ-31SN1	33.52	28.32	23.56
MDQ-37SN1	37.33	32.13	27.37
MDQ-51SN1	36.06	30.86	26.09
MDQ-66SN1	42.5	37.3	32.49
MDQ-74SN1	38.8	33.5	28.73
MDQ-100SN1	46.1	40.9	36.27



MDQ直式焊印制板式N1型插孔电连接器开孔尺寸

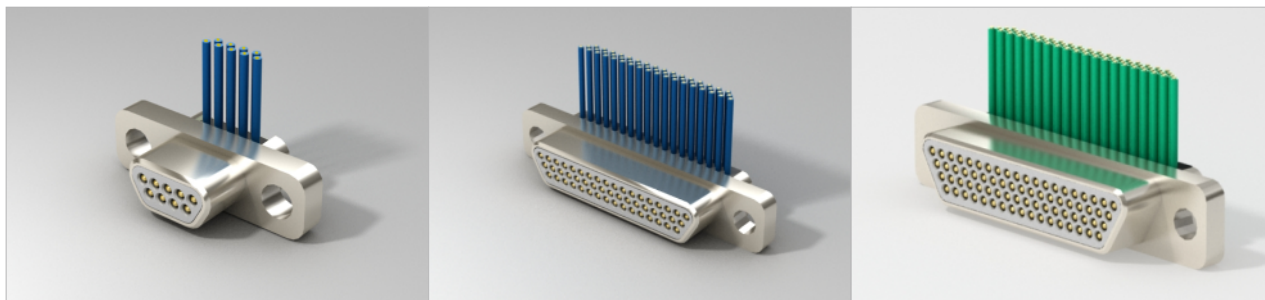




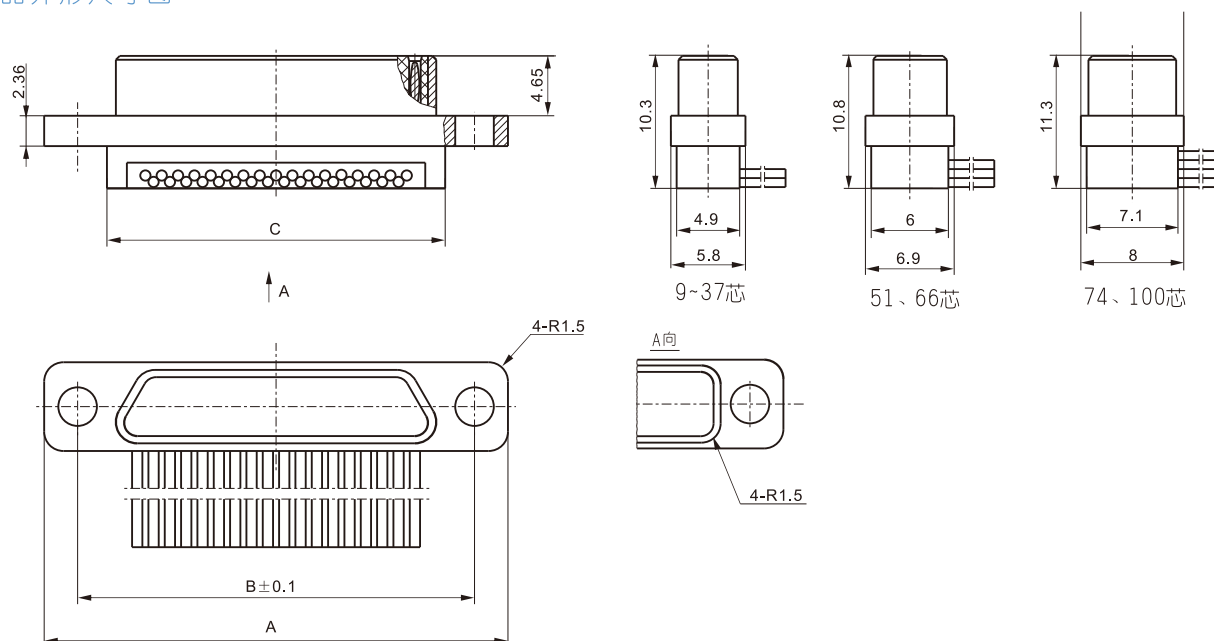
MDQ系列

微 矩 形 电 连 接 器

- MDQ弯式出线式电连接器
 - MDQ弯式出线式J型电连接器
 - 从梯形长边出线
 - MDQ-9、15、21、25、31、37、51、66、74、100PJ
- 产品立体图



产品外形尺寸图



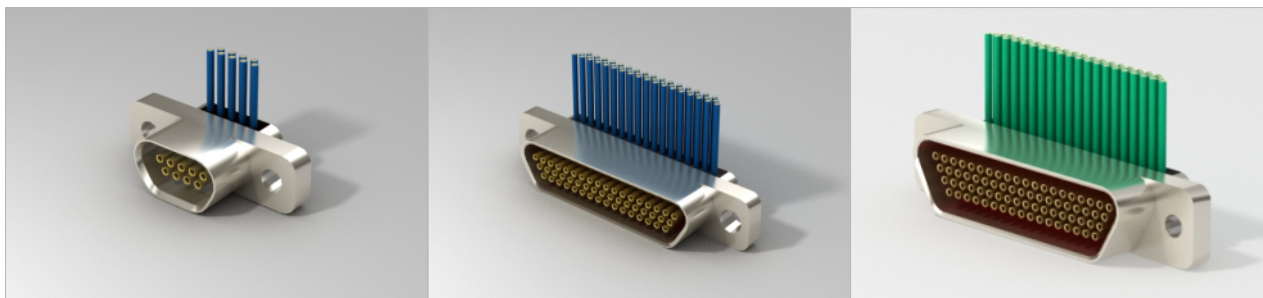
产品型号	A	B	C
MDQ-9PJ	19.55	14.35	9.9
MDQ-15PJ	23.36	18.16	13.61
MDQ-21PJ	27.17	21.97	17.6
MDQ-25PJ	29.71	24.51	19.96
MDQ-31PJ	33.52	28.32	23.77
MDQ-37PJ	37.33	32.13	27.68
MDQ-51PJ	36.06	30.86	26.3
MDQ-66PJ	42.5	37.3	32.74
MDQ-74PJ	38.8	33.5	28.9
MDQ-100PJ	46.1	40.9	36.35



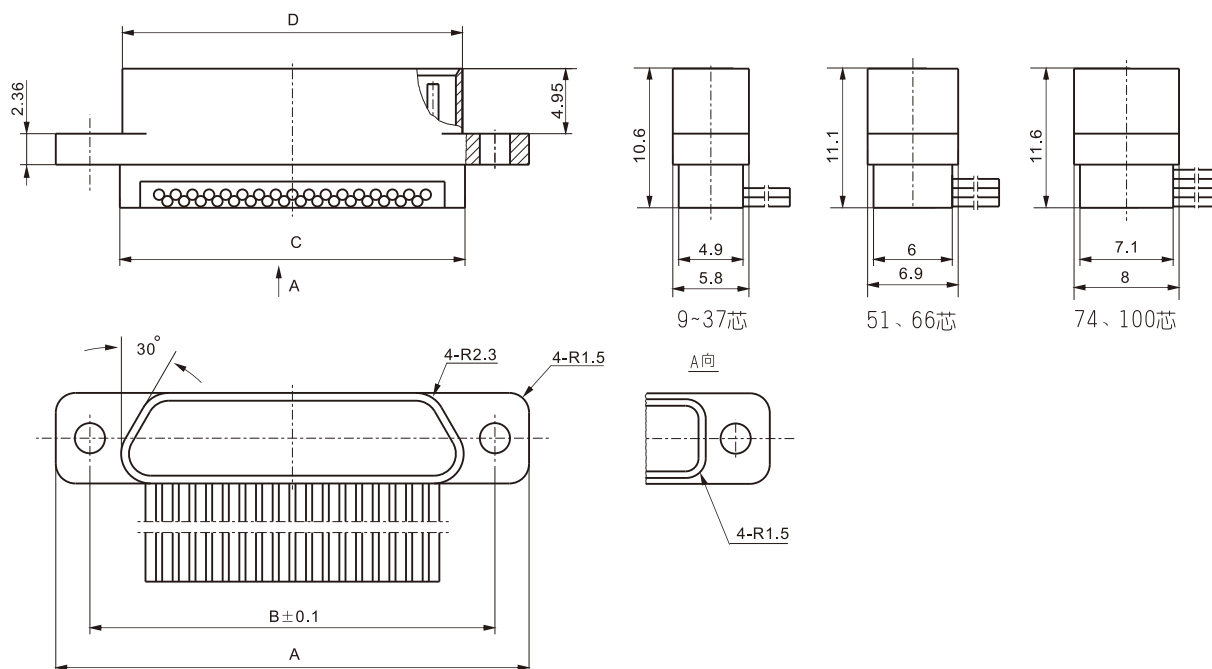
MDQ系列

微矩形电连接器

MDQ-9、15、21、25、31、37、51、66、74、100SJ
产品立体图



产品外形尺寸图



产品型号	A	B	C	D
MDQ-9SJ	19.55	14.35	9.9	9.59
MDQ-15SJ	23.36	18.16	13.61	13.40
MDQ-21SJ	27.17	21.97	17.6	17.21
MDQ-25SJ	29.71	24.51	19.96	19.75
MDQ-31SJ	33.52	28.32	23.77	23.56
MDQ-37SJ	37.33	32.13	27.68	27.37
MDQ-51SJ	36.06	30.86	26.3	26.09
MDQ-66SJ	42.5	37.3	32.74	32.49
MDQ-74SJ	38.8	33.5	28.9	28.73
MDQ-100SJ	46.1	40.9	36.35	36.27

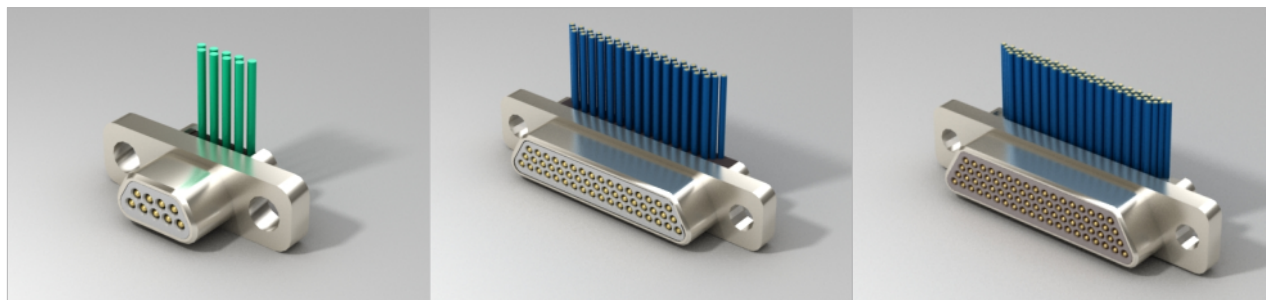


MDQ弯式出线式J1型电连接器

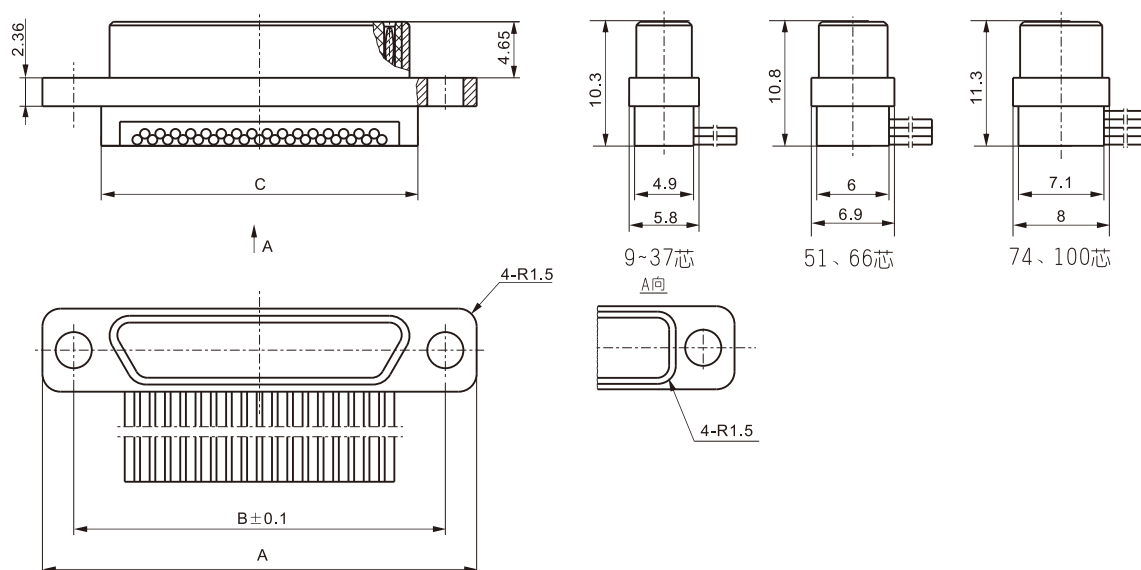
从梯形短边出线

MDQ-9、15、21、25、31、37、51、66、74、100PJ1

产品立体图



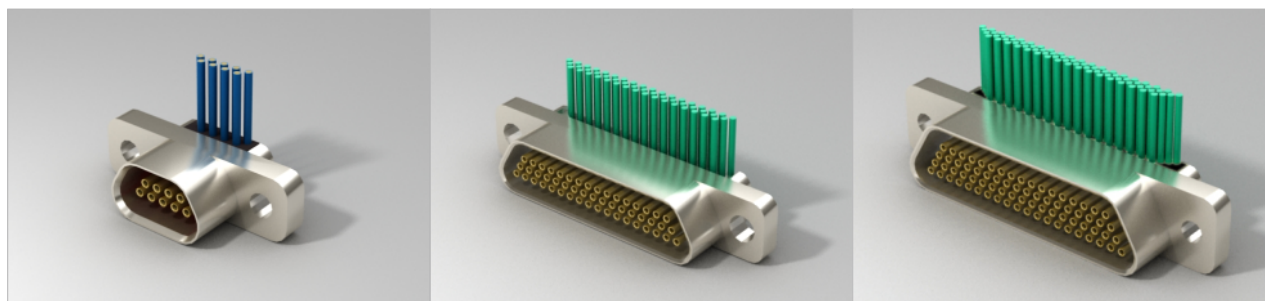
产品外形尺寸图



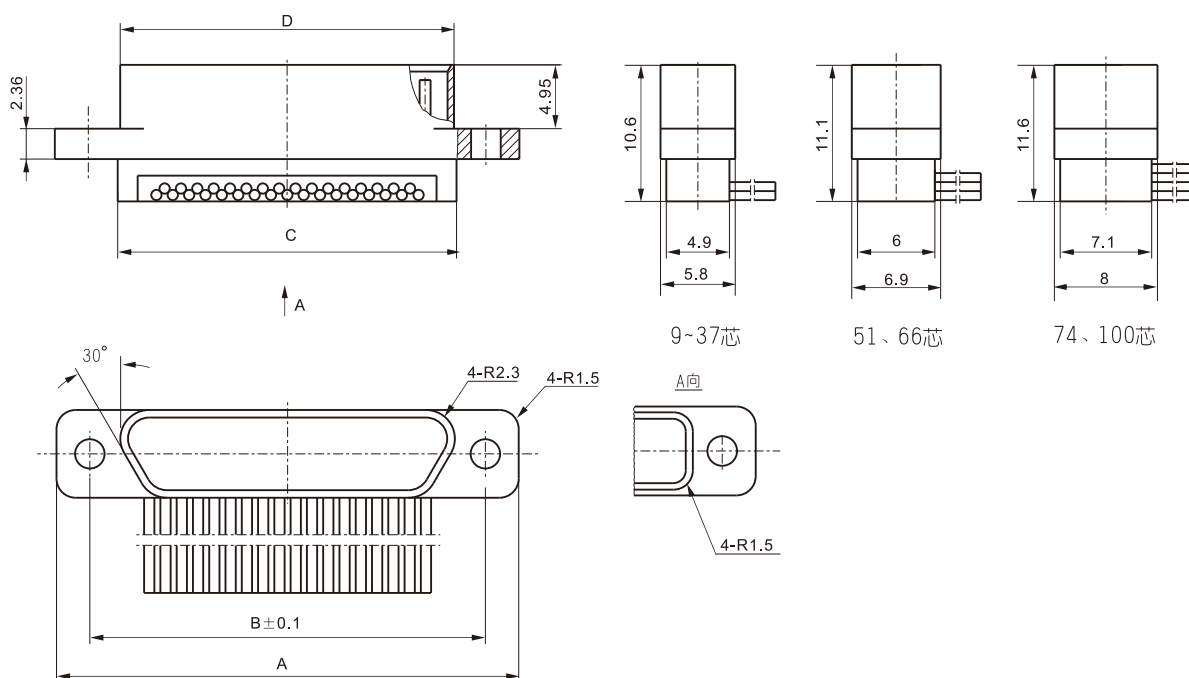
产品型号	A	B	C
MDQ-9PJ1	19.55	14.35	9.9
MDQ-15PJ1	23.36	18.16	13.61
MDQ-21PJ1	27.17	21.97	17.6
MDQ-25PJ1	29.71	24.51	19.96
MDQ-31PJ1	33.52	28.32	23.77
MDQ-37PJ1	37.33	32.13	27.68
MDQ-51PJ1	36.06	30.86	26.3
MDQ-66PJ1	42.5	37.3	32.74
MDQ-74PJ1	38.8	33.5	28.9
MDQ-100PJ1	46.1	40.9	36.35



MDQ-9、15、21、25、31、37、51、66、74、100SJ1 产品立体图



产品外形尺寸图



产品型号	A	B	C	D
MDQ-9SJ1	19.55	14.35	9.9	9.59
MDQ-15SJ1	23.36	18.16	13.61	13.40
MDQ-21SJ1	27.17	21.97	17.6	17.21
MDQ-25SJ1	29.71	24.51	19.96	19.75
MDQ-31SJ1	33.52	28.32	23.77	23.56
MDQ-37SJ1	37.33	32.13	27.68	27.37
MDQ-51SJ1	36.06	30.86	26.3	26.09
MDQ-66SJ1	42.5	37.3	32.74	32.49
MDQ-74SJ1	38.8	33.5	28.9	28.73
MDQ-100SJ1	46.1	40.9	36.35	36.27



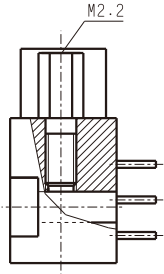
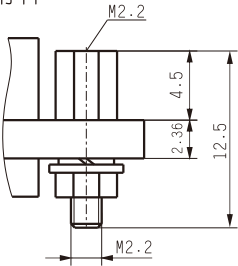
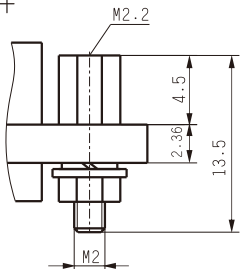
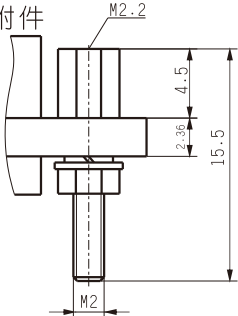
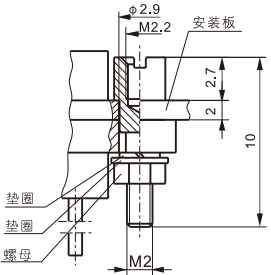
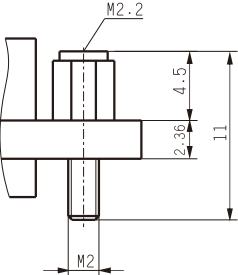
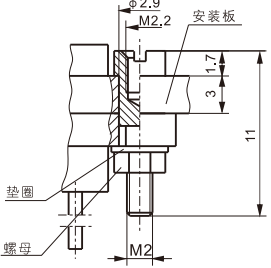
MDQ系列安装附件

MDQ自由端安装附件

L1型安装附件 内六方螺钉S=1.27	L2型安装附件
L3型安装附件	L4型安装附件 外六方螺钉S=2.25
L5型安装附件	L6型安装附件
L7型安装附件 内六方螺钉S=1.27	L8型安装附件



◆ MDQ固定端安装附件

P1型安装附件 	P2型安装附件 
P3型安装附件 	P4型安装附件 
P5型安装附件 	P6型安装附件 
P7型安装附件 	P8型安装附件 