



MDCF系列微矩形电连接器

该系列产品和MDC系列产品对插界面完全相同，在MDC的基础上增加了法兰盘,安装方式更为多样化。

-  芯数：9、15、21、25、31、37、51、66、74、100
-  接触件间距1.27mm，排距1.1mm
-  压接截面为0.05mm²~0.15mm²导线
-  产品执行的总规范：GJB2446A
-  产品执行的详细规范：Q/MB814-2013

技术参数

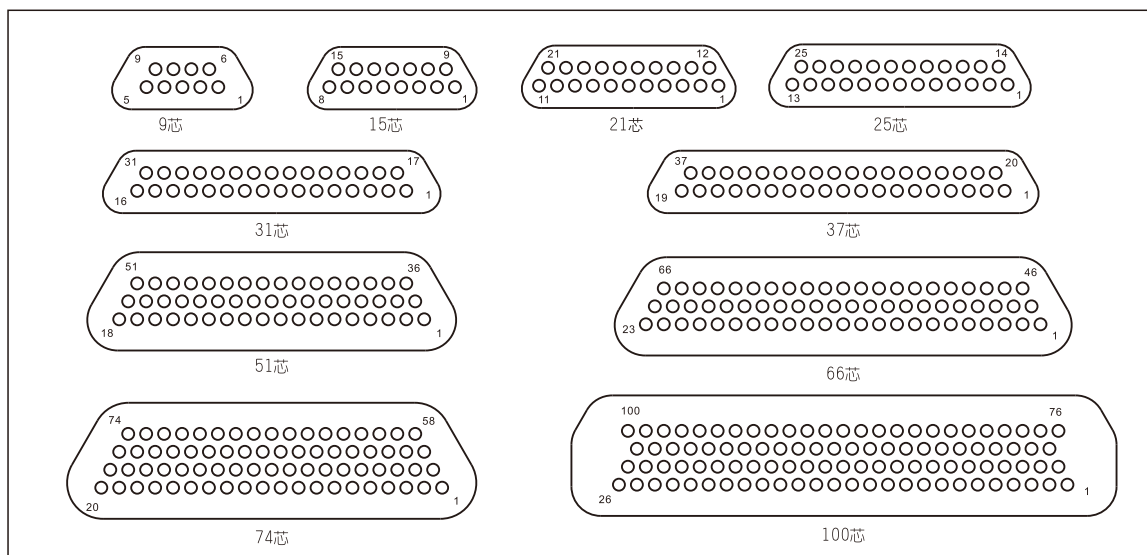
使用环境条件		主要技术参数	
环境温度	-55℃~+125℃	工作电流	3A max
相对湿度	+40℃，98%	接触电阻	≤8mΩ
低气压	4.4KPa,150v	绝缘电阻	≥5000MΩ
振 动	10~2000Hz 196m/s ²	耐 压	600 V
冲 击	490 m/s ²	机械寿命	500次

MDCF系列型号组成

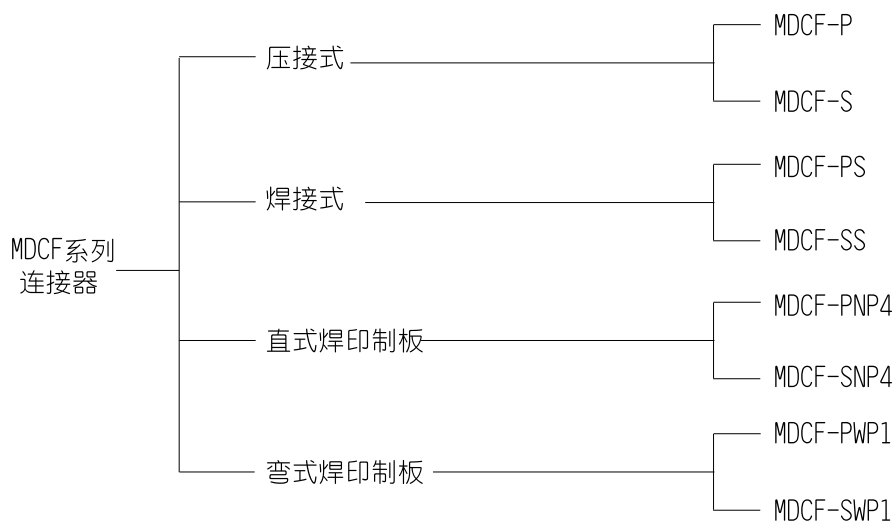
序号	分 类 特 征	分 类 内 容	标 志 代 号
1	主称代号	微矩形连接器	MDCF
2	接触件数目	接触件数目	用阿拉伯数字表示
3	接触件种类	插针接触件	P
		插孔接触件	S
4	产品类型	密封型	M
5	端接形式	压接(带导线)	不标示
		焊接	S
		直式焊印制板	N
		弯式焊印制板	W
6	锁紧附件	自由端锁紧附件	L
		固定端安装附件	P



型谱排列(从插针连接器对插面看)



产品族谱树



MDCF型号命名示例

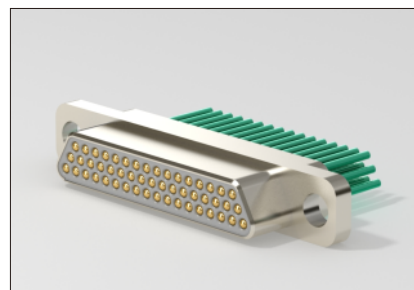
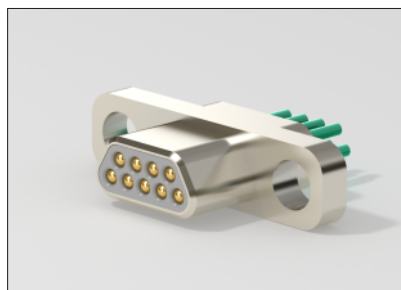




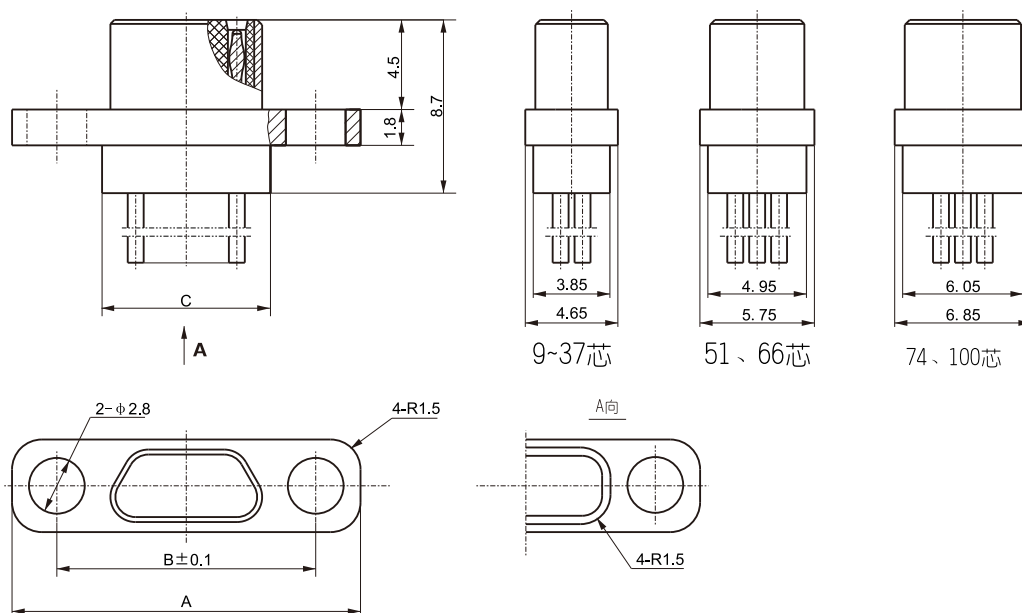
● MDCF压接式电连接器

■ MDCF-9、15、21、25、31、37、51、66、74、100P

产品立体图



产品外形尺寸图

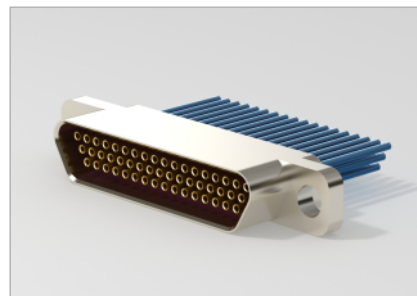


产品型号	A	B	C
MDCF-9P	17.5	13	8.5
MDCF-15P	21.31	16.81	12.31
MDCF-21P	25.12	20.62	16.12
MDCF-25P	27.66	23.16	18.66
MDCF-31P	31.74	26.97	22.47
MDCF-37P	35.28	30.78	26.28
MDCF-51P	34.01	29.51	25.01
MDCF-66P	40.36	35.86	31.36
MDCF-74P	36.55	32.05	27.55
MDCF-100P	44.17	39.67	35.17

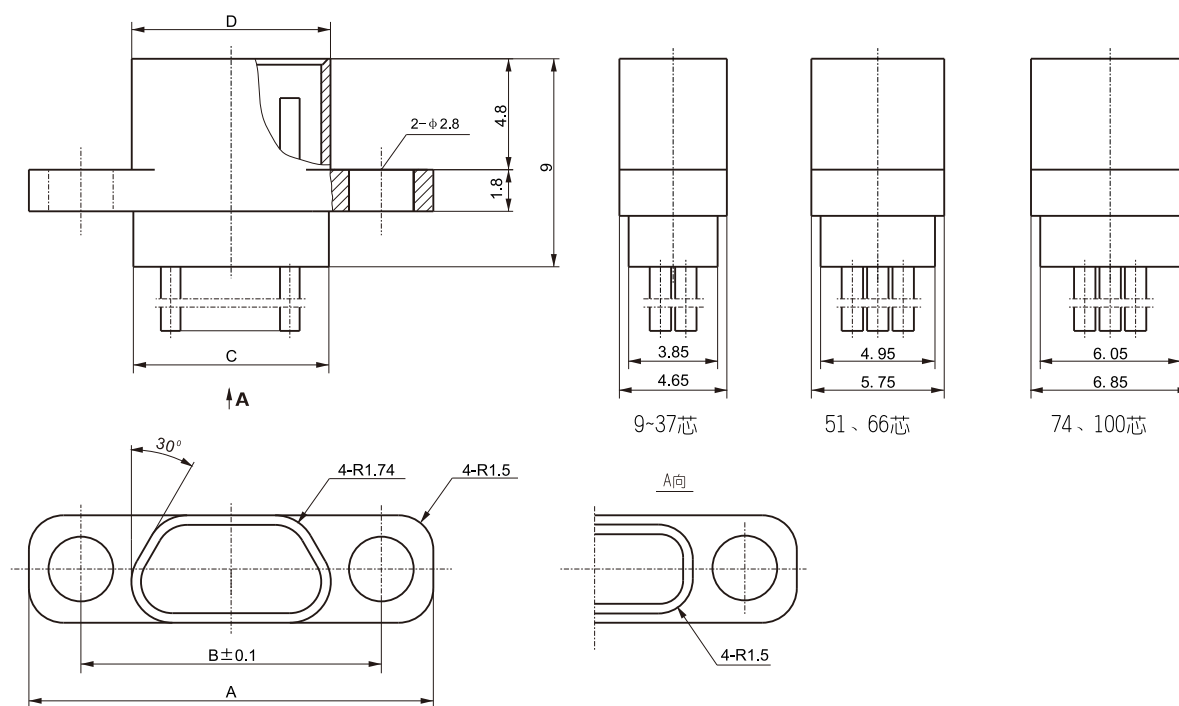


■ MDCF-5、9、15、21、25、31、37、51、66、74、100S

产品立体图



产品外形尺寸图



产品型号	A	B	C	D
MDCF-9S	17.5	13	8.5	8.64
MDCF-15S	21.31	16.81	12.31	12.45
MDCF-21S	25.12	20.62	16.12	16.26
MDCF-25S	27.66	23.16	18.66	18.8
MDCF-31S	31.74	26.97	22.47	22.61
MDCF-37S	35.28	30.78	26.28	26.42
MDCF-51S	34.01	29.51	25.01	25.15
MDCF-66S	40.36	35.86	31.36	31.5
MDCF-74S	36.55	32.05	27.69	27.69
MDCF-100S	44.17	39.67	35.17	35.31



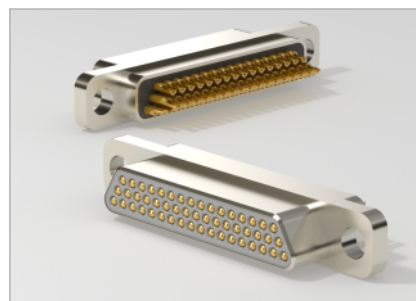
☉ MDCF焊接式电连接器



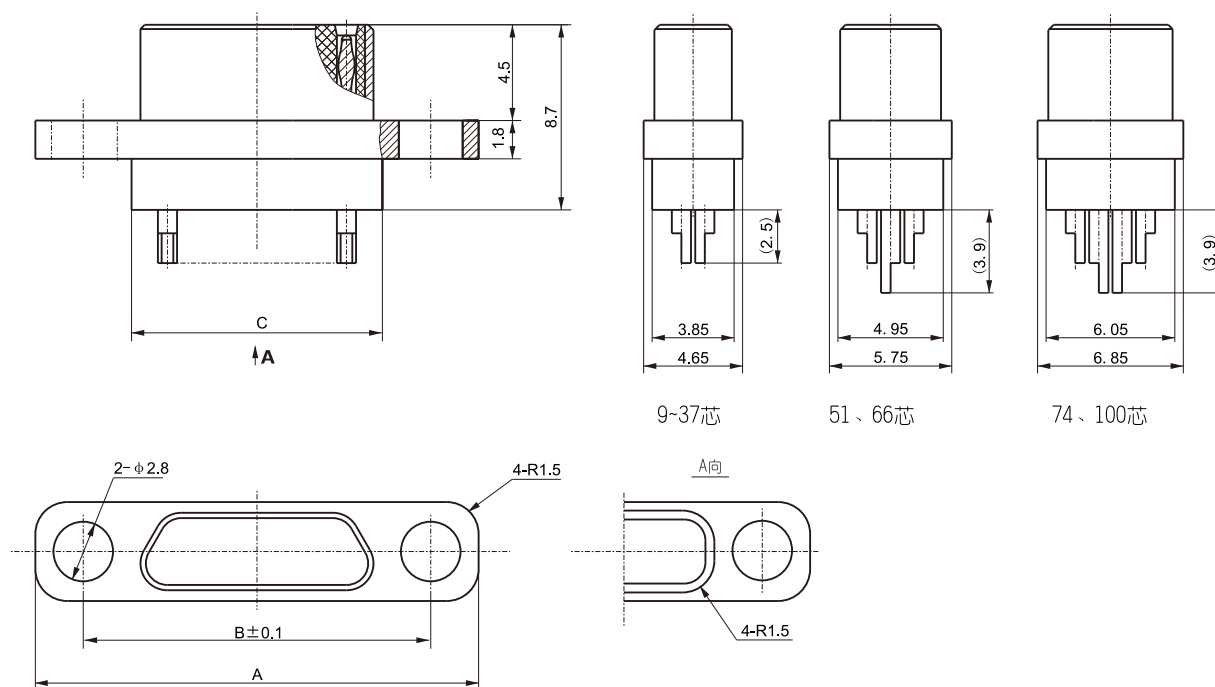
MDCF-9、15、21、25、31、37、51、66、74、100PS

接触件与导线的连接方式为焊接式，用户根据需要自行焊接导线。

产品立体图



产品外形尺寸图



产品型号	A	B	C
MDCF-9PS	17.5	13	8.5
MDCF-15PS	21.31	16.81	12.31
MDCF-21PS	25.12	20.62	16.12
MDCF-25PS	27.66	23.16	18.66
MDCF-31PS	31.74	26.97	22.47
MDCF-37PS	35.28	30.78	26.28
MDCF-51PS	34.01	29.51	25.01
MDCF-66PS	40.36	35.86	31.36
MDCF-74PS	36.55	32.05	27.69
MDCF-100PS	44.17	39.67	35.17

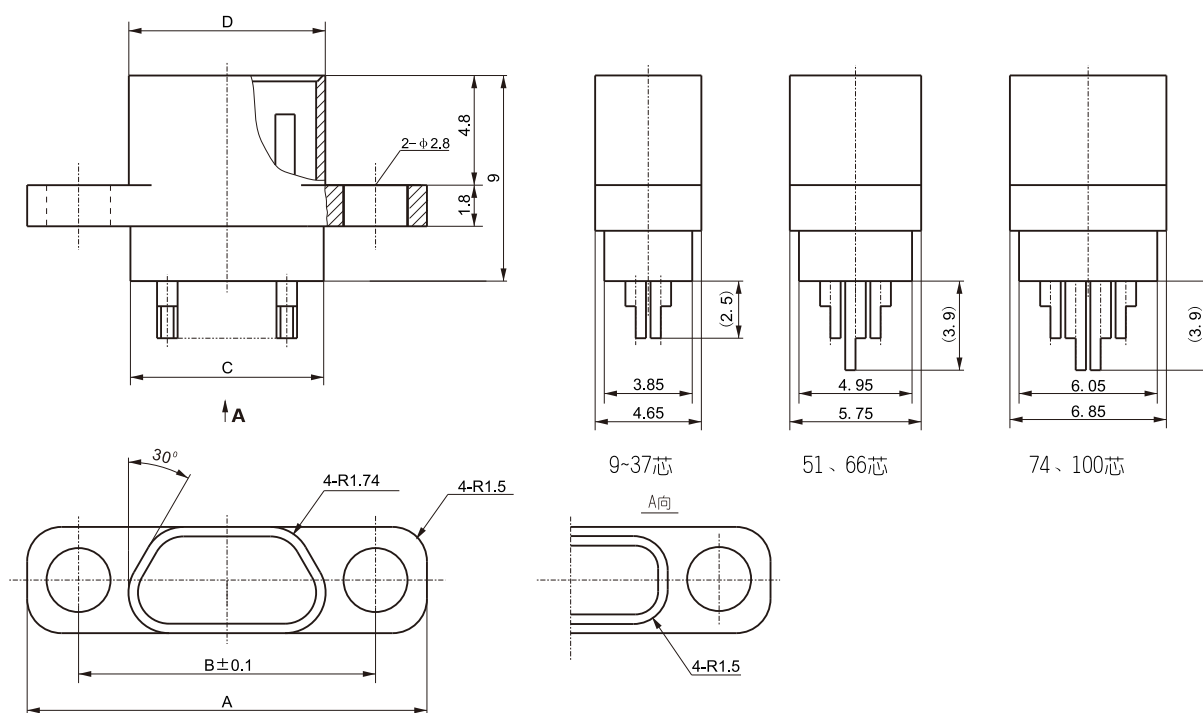


■ MDCF-9、15、21、25、31、37、51、66、74、100SS

产品立体图



产品外形尺寸图



产品型号	A	B	C	D
MDCF-9SS	17.5	13	8.5	8.64
MDCF-15SS	21.31	16.81	12.31	12.45
MDCF-21SS	25.12	20.62	16.12	16.26
MDCF-25SS	27.66	23.16	18.66	18.8
MDCF-31SS	31.74	26.97	22.47	22.61
MDCF-37SS	35.28	30.78	26.28	26.42
MDCF-51SS	34.01	29.51	25.01	25.15
MDCF-66SS	40.36	35.86	31.36	31.5
MDCF-74SS	36.55	32.05	27.69	27.69
MDCF-100SS	44.17	39.67	35.17	35.31



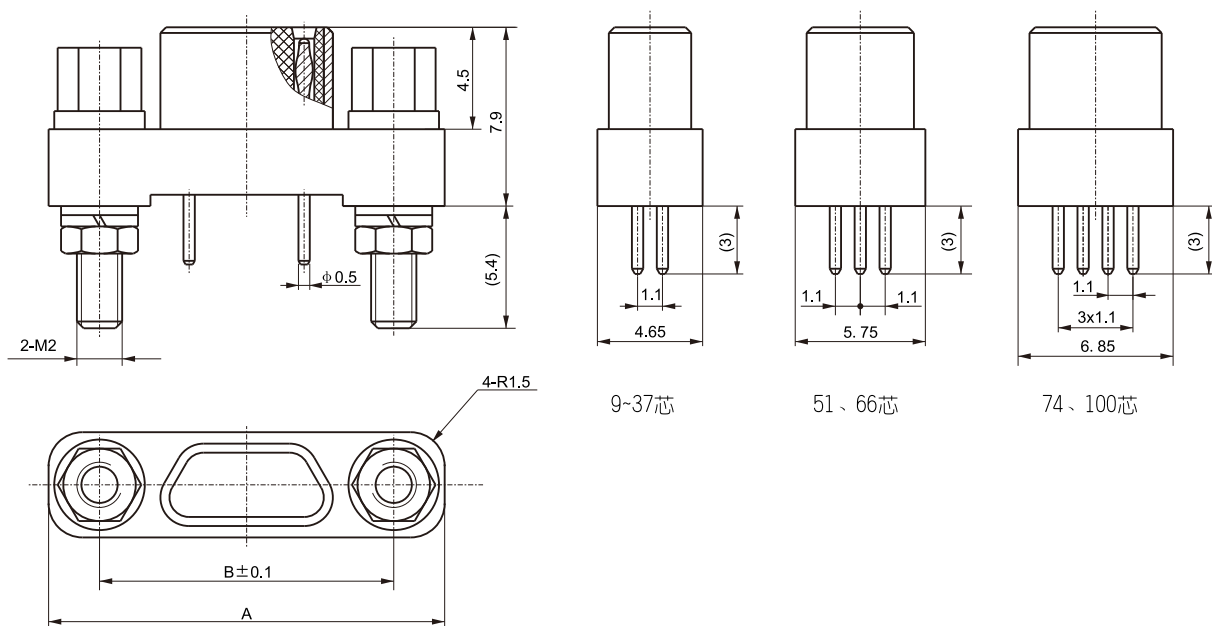
MDCF直式焊印制板式电连接器

- 网络尺寸为1.27mm×1.1mm（列×行），产品自带P4型安装附件
- MDCF-9、15、21、25、31、37、51、66、74、100PNP4

产品立体图



产品外形尺寸图

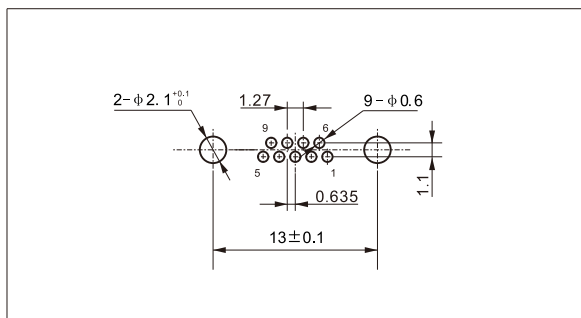


产品型号	A	B
MDCF-9PNP4	17.5	13
MDCF-15PNP4	21.31	16.81
MDCF-21PNP4	25.12	20.62
MDCF-25PNP4	27.66	23.16
MDCF-31PNP4	31.74	26.97
MDCF-37PNP4	35.28	30.78
MDCF-51PNP4	34.01	29.51
MDCF-66PNP4	40.36	35.86
MDCF-74PNP4	36.55	32.05
MDCF-100PNP4	44.17	39.67

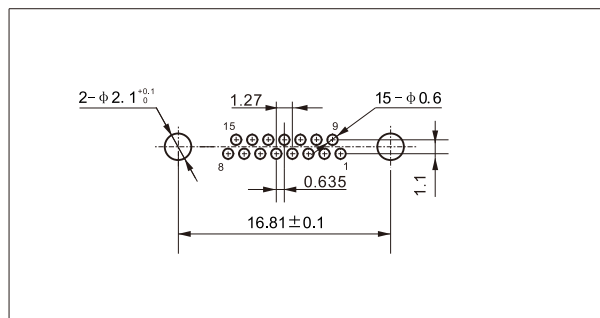


☉ MDCF系列直式焊印制板插孔电连接器开孔尺寸

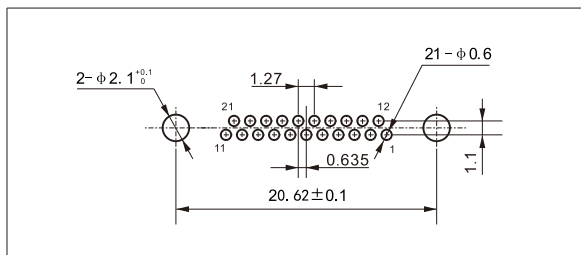
MDCF-9PNP4



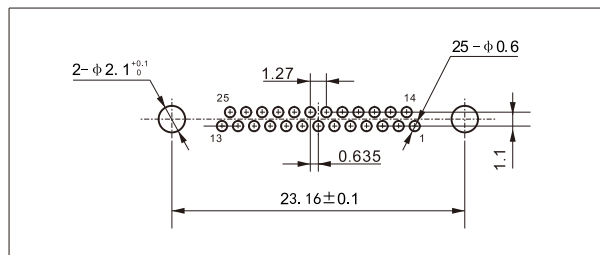
MDCF-15PNP4



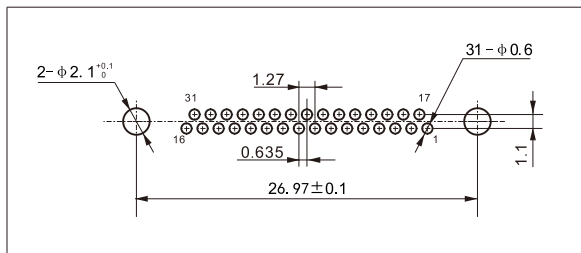
MDCF-21PNP4



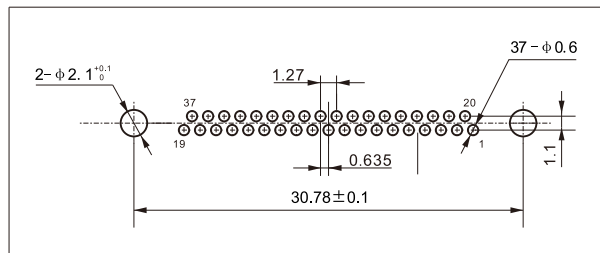
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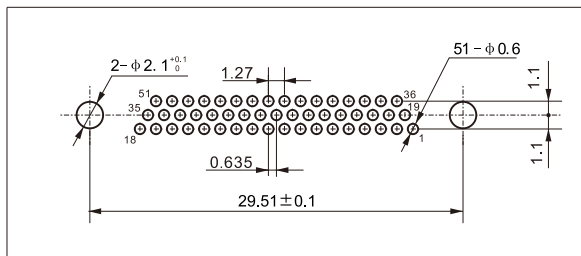
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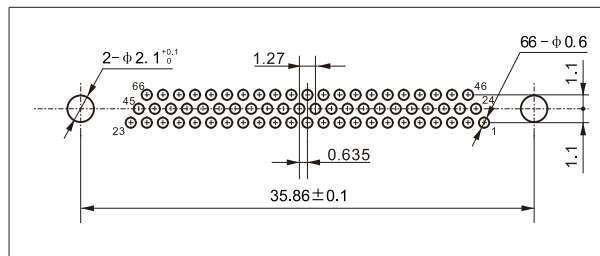
MDCF-37PNP4



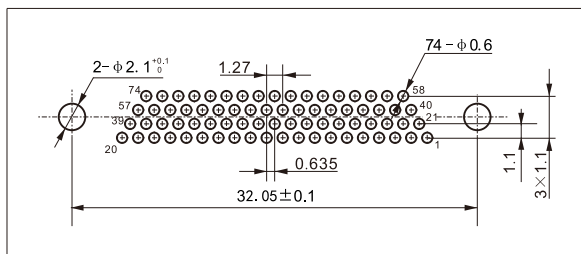
MDCF-51PNP4



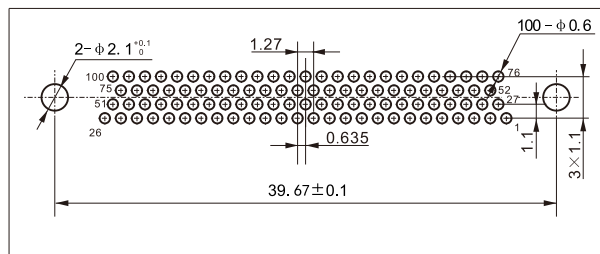
MDCF-66PNP4



MDCF-74PNP4



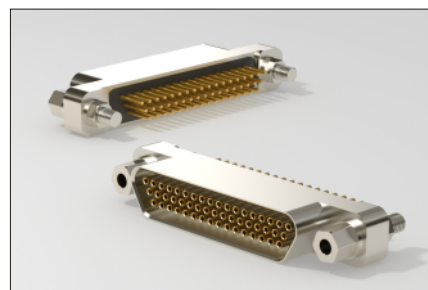
MDCF-100PNP4



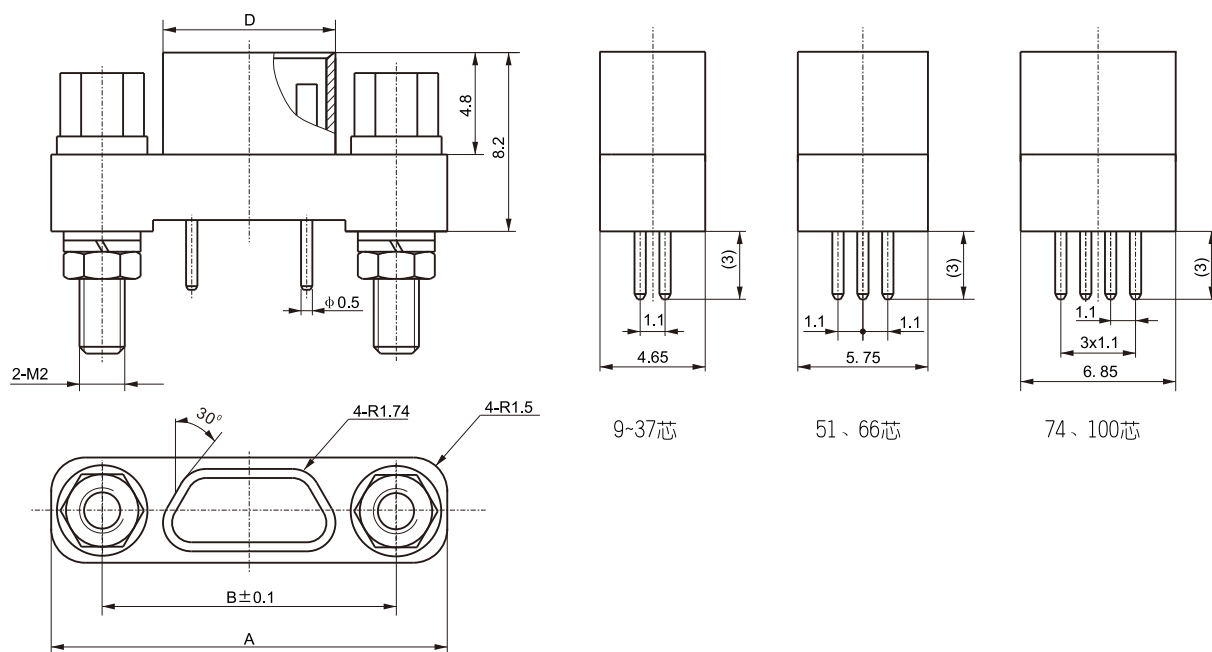


■ MDCF-5、9、15、21、25、31、37、51、66、74、100SNP4

产品立体图



产品外形尺寸图



产品型号	A	B	D
MDCF-9SNP4	17.5	13	8.64
MDCF-15SNP4	21.31	16.81	12.45
MDCF-21SNP4	25.12	20.62	16.26
MDCF-25SNP4	27.66	23.16	18.8
MDCF-31SNP4	31.74	26.97	22.61
MDCF-37SNP4	35.28	30.78	26.42
MDCF-51SNP4	34.01	29.51	25.15
MDCF-66SNP4	40.36	35.86	31.5
MDCF-74SNP4	36.55	32.05	27.69
MDCF-100SNP4	44.17	39.67	35.31

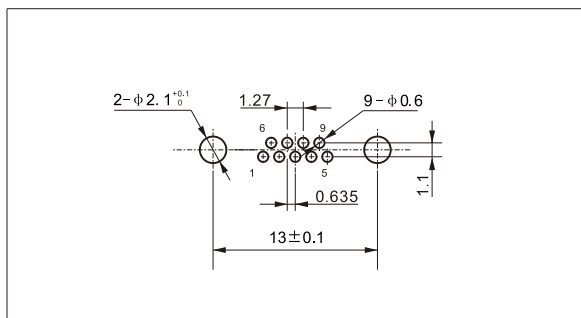


MDCF系列

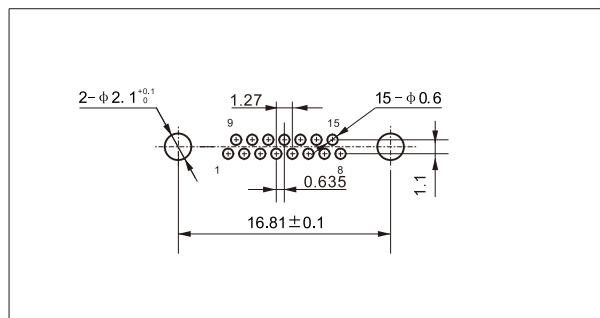
微矩形电连接器

MDCF系列直式焊印制板插孔电连接器开孔尺寸

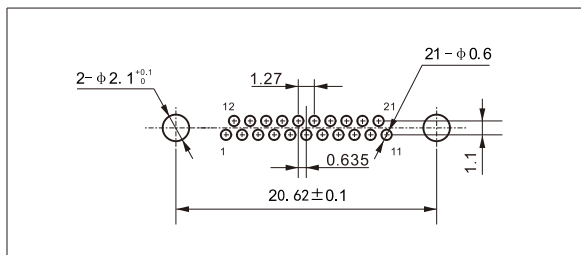
MDCF-9SNP4



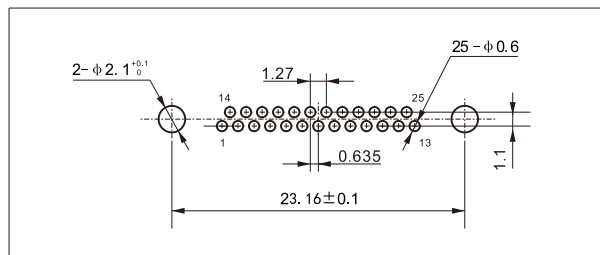
MDCF-15SNP4



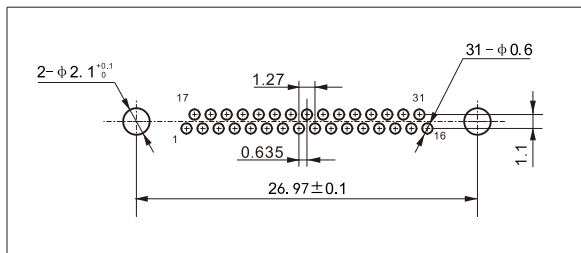
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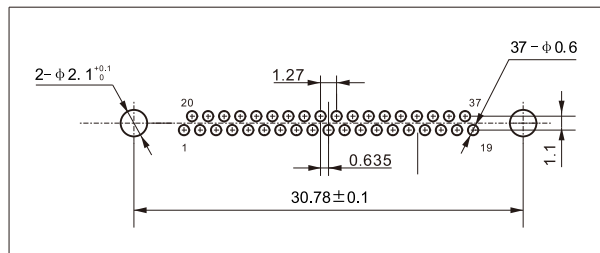
MDCF-25SNP4



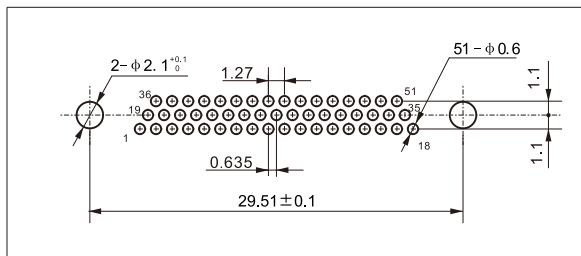
MDCF-31SNP4



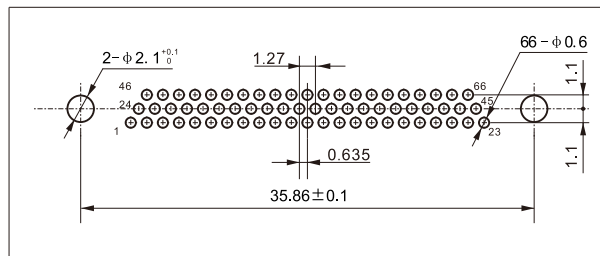
MDCF-37SNP4



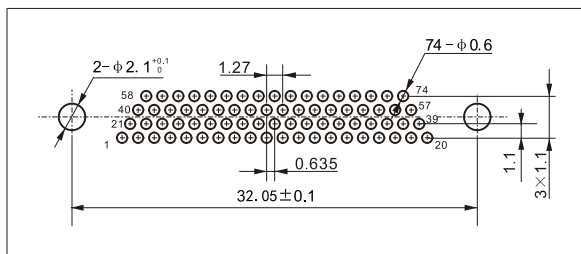
MDCF-51SNP4



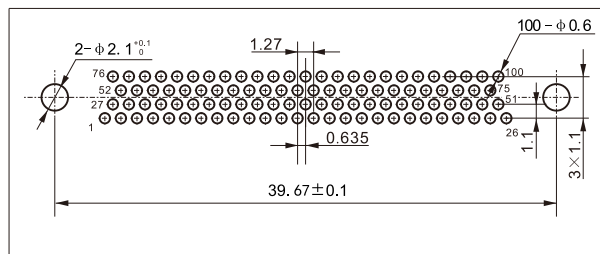
MDCF-66SNP4



MDCF-74SNP4



MDCF-100SNP4

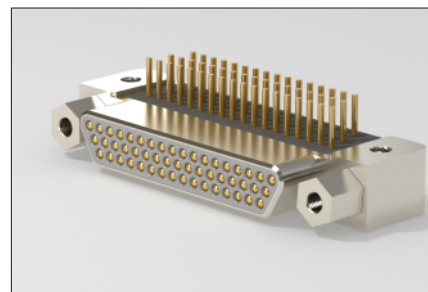
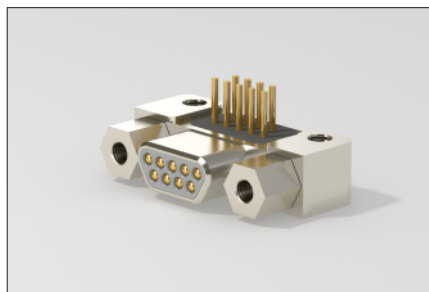




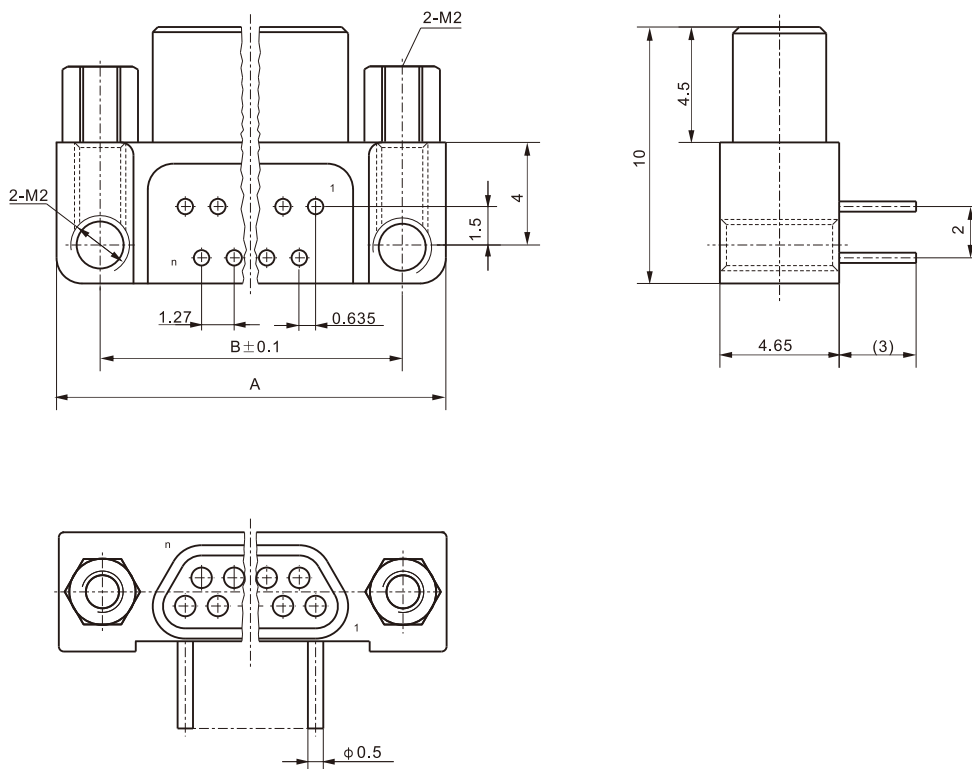
● MDCF弯式焊印制板式电连接器

- 网络尺寸为1.27mm×2mm（列×行）,产品自带P1型安装附件
- MDCF-9、15、21、25、31、37、51、66、74、100PWP1

产品立体图



产品外形尺寸图

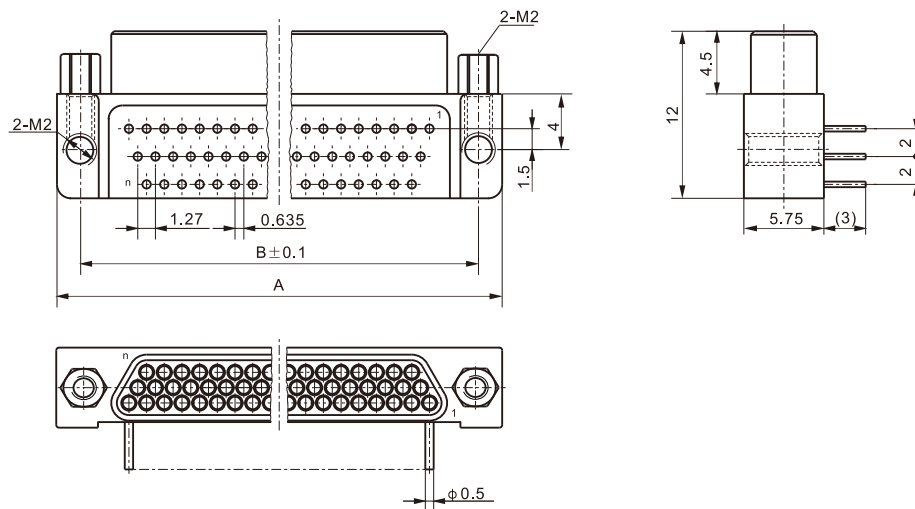


产品型号	A	B
MDCF-9PWP1	17.5	13
MDCF-15PWP1	21.31	16.81
MDCF-21PWP1	25.12	20.62
MDCF-25PWP1	27.66	23.16
MDCF-31PWP1	31.74	26.97
MDCF-37PWP1	35.28	30.78

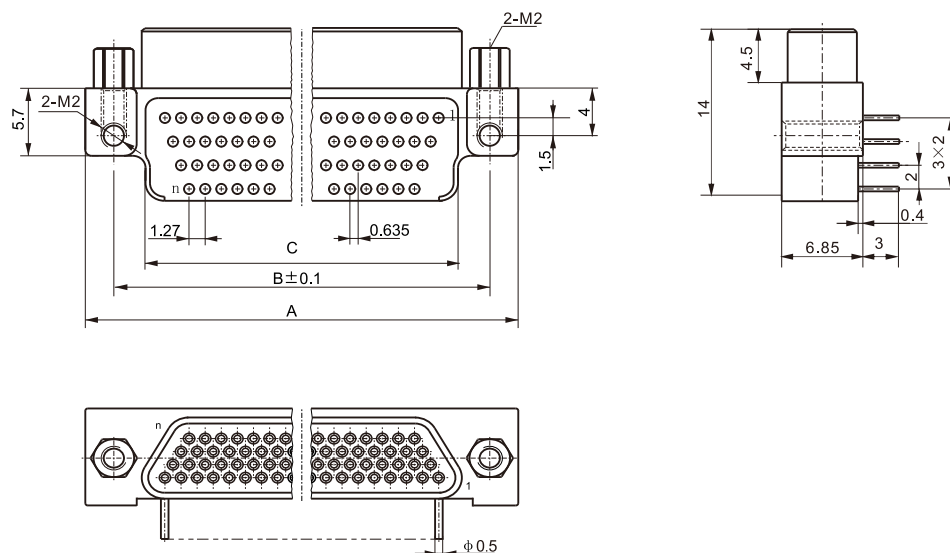


MDCF系列

微矩形电连接器



产品型号	A	B
MDCF-51PWP1	34.01	29.51
MDCF-66PWP1	40.36	35.86



产品型号	A	B
MDCF-74PWP1	36.55	32.05
MDCF-100PWP1	44.17	39.67

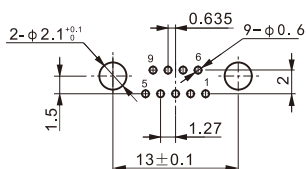


MDCF系列

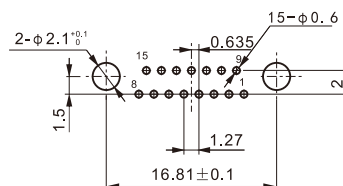
微矩形电连接器

MDCF系列弯式焊印制板插针电连接器开孔尺寸

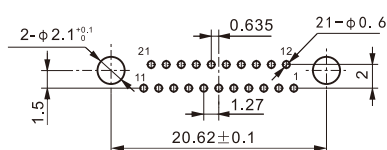
MDCF-9PWP1



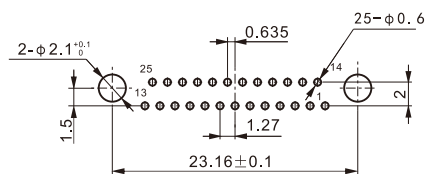
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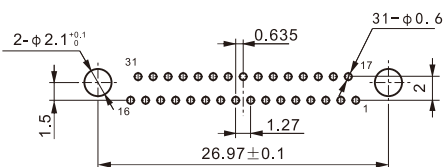
MDCF-21PWP1



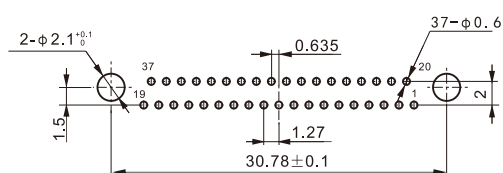
MDCF-25PWP1



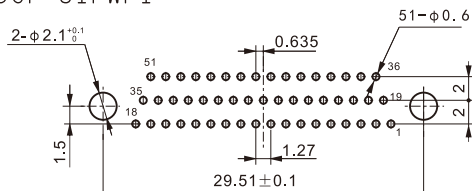
MDCF-31PWP1



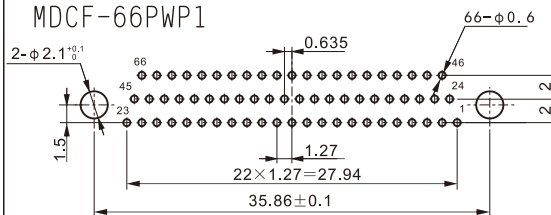
MDCF-37PWP1



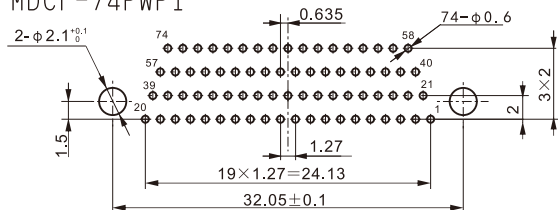
MDCF-51PWP1



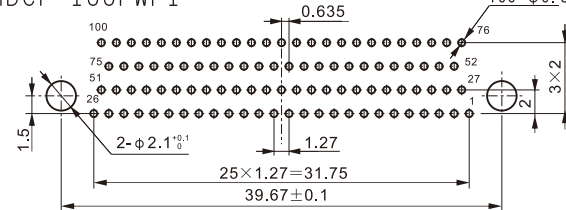
MDCF-66PWP1



MDCF-74PWP1



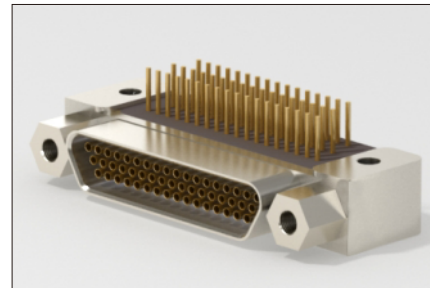
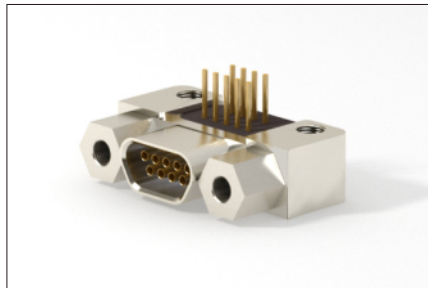
MDCF-100PWP1



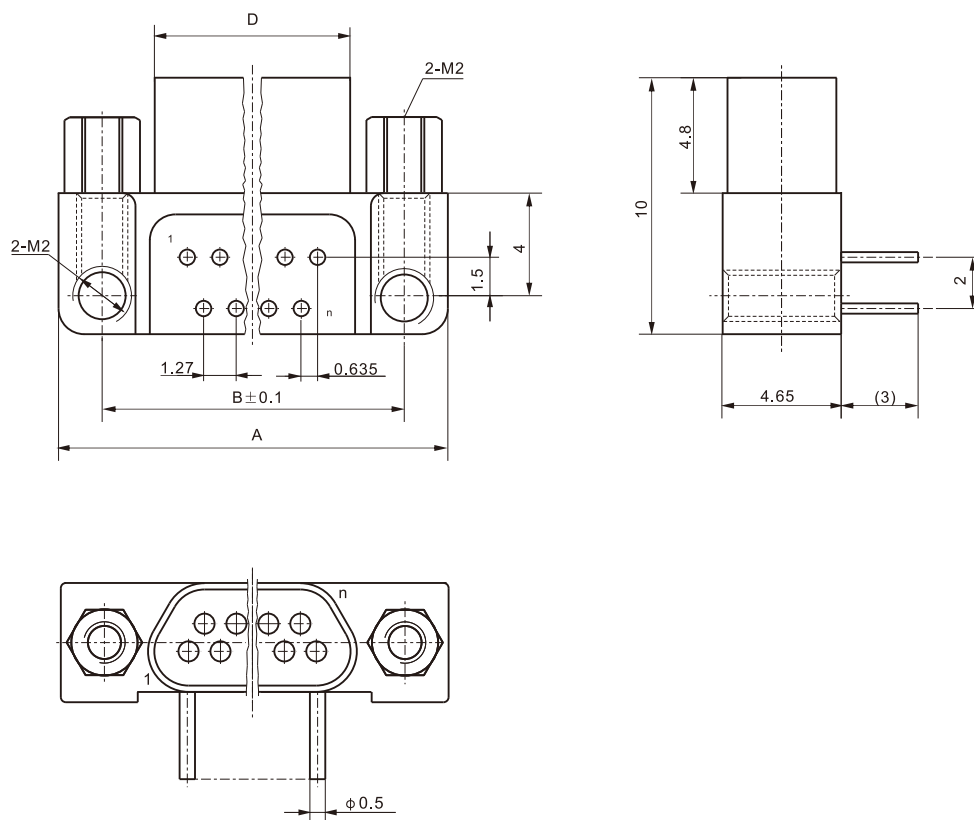


- 网络尺寸为1.27mm×2mm（列×行），产品自带P1型安装附件
- MDCF-9、15、21、25、31、37、51、66、74、100SWP1

产品立体图



产品外形尺寸图



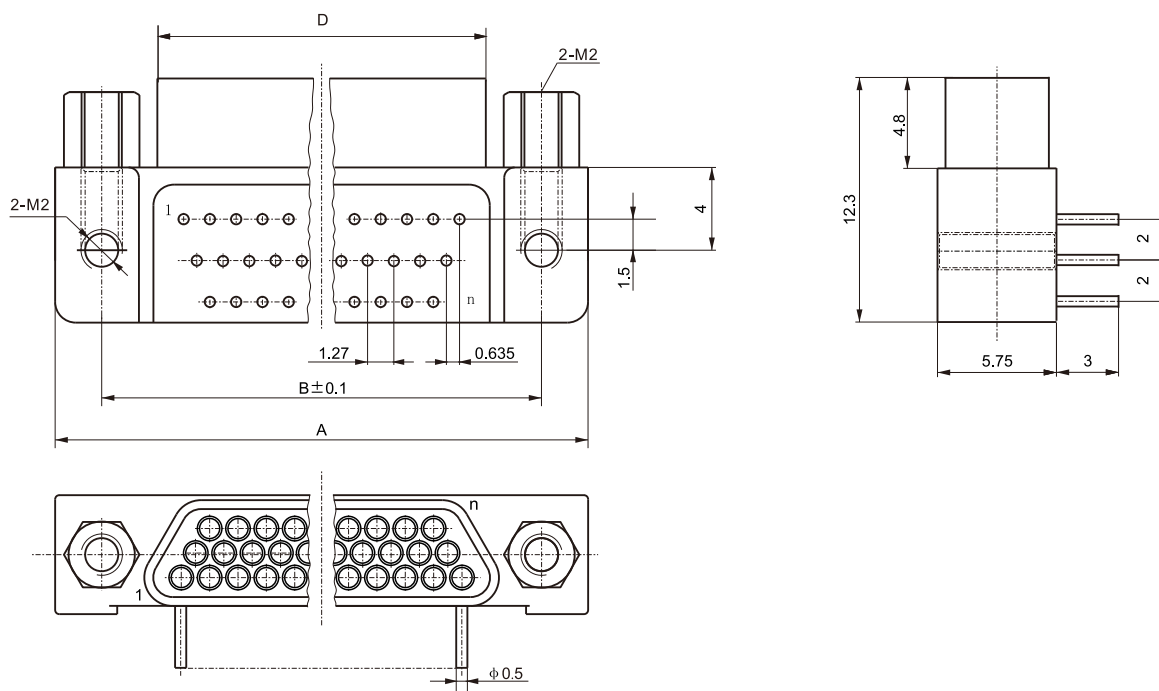
产品型号	A	B
MDCF-9SWP1	17.5	13
MDCF-15SWP1	21.31	16.81
MDCF-21SWP1	25.12	20.62
MDCF-25SWP1	27.66	23.16
MDCF-31SWP1	31.74	26.97
MDCF-37SWP1	35.28	30.78



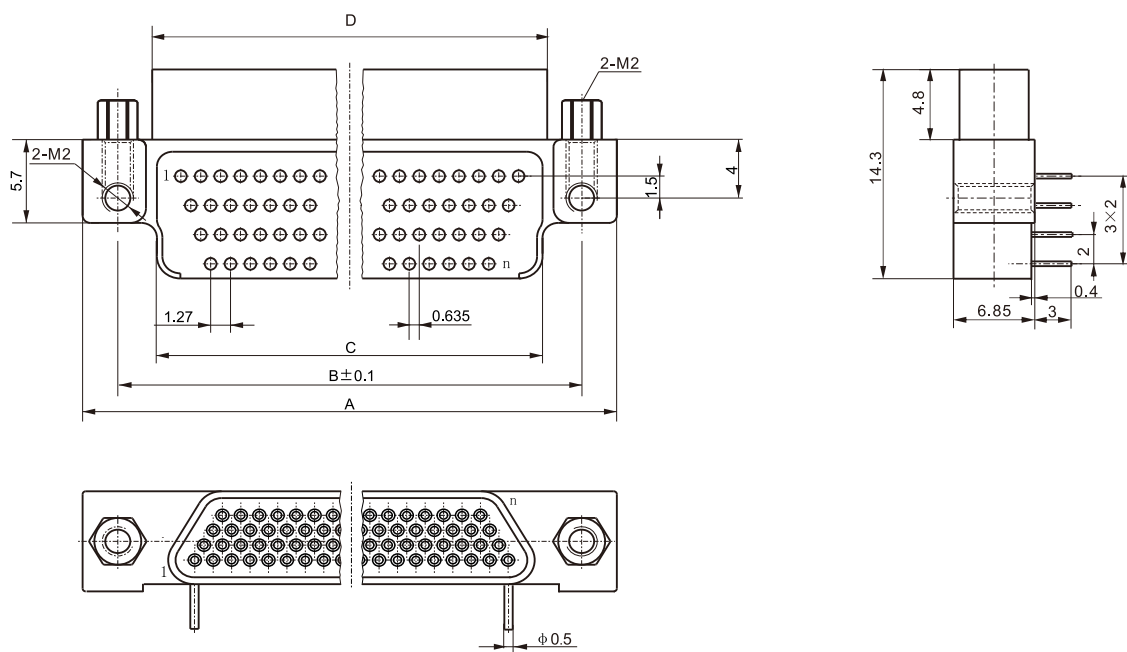
MDCF系列

微矩形电连接器

MDCF-51、66SWP1



产品型号	A	B	D
MDCF-51SWP1	34.01	29.51	25.15
MDCF-66SWP1	40.36	35.86	31.5



产品型号	A	B	D
MDCF-74SWP1	36.55	32.05	27.69
MDCF-100SWP1	44.17	39.67	35.31

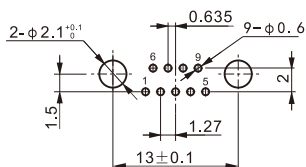


MDCF系列

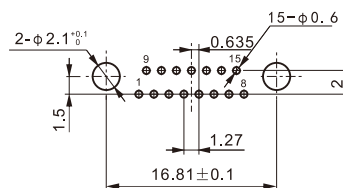
微矩形电连接器

MDCF系列弯式焊印制板插孔电连接器开孔尺寸

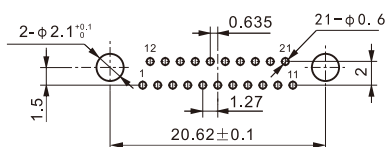
MDCF-9SWP1



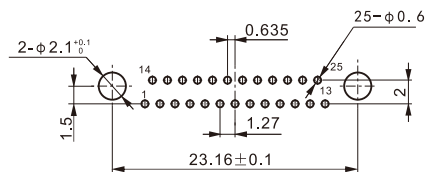
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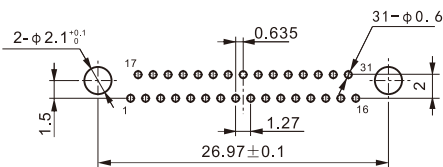
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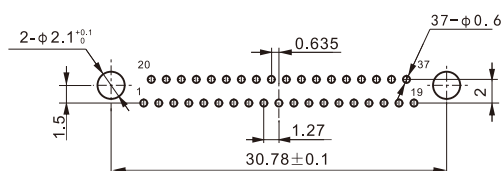
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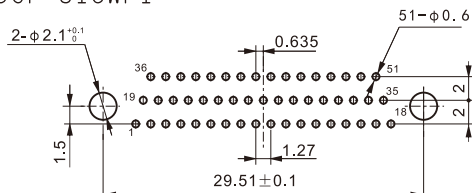
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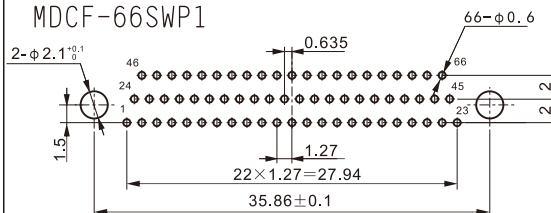
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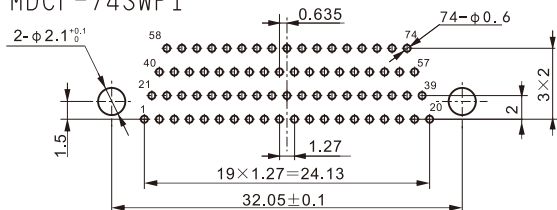
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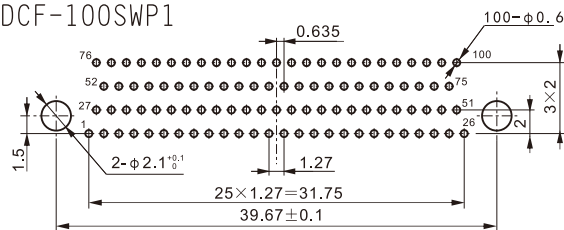
MDCF-66SWP1



MDCF-74SWP1

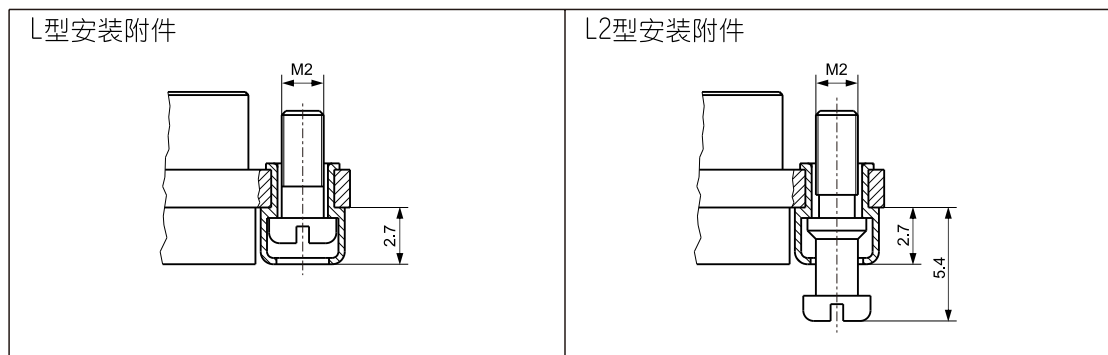


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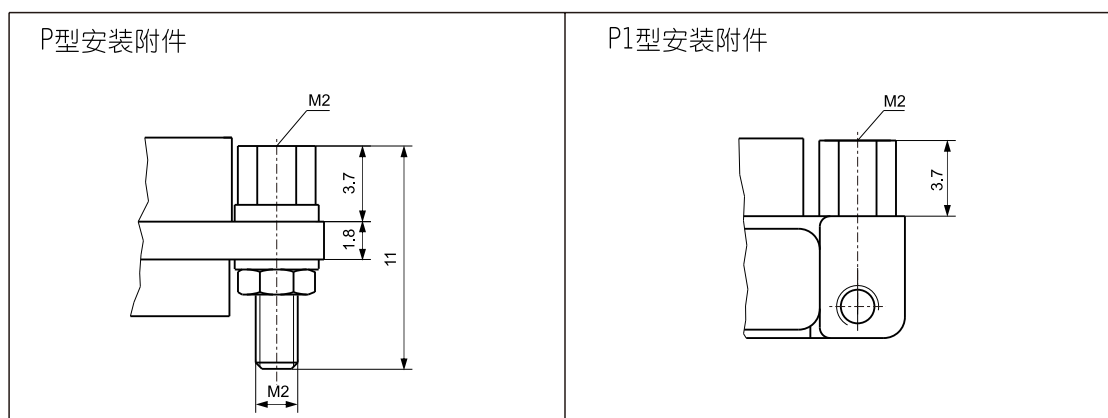




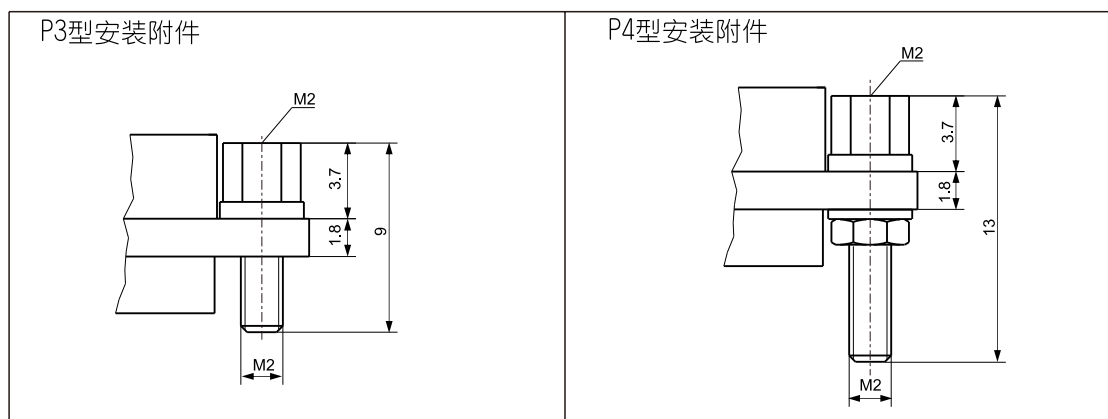
MDCF系列安装附件



特点：L型附件适用于安装空间小，且连接器靠螺钉锁紧。L2型附件螺钉较长，但操作方便



特点：P型附件适用于普通产品的前安装方式，P1型附件适用于弯式焊印制板产品



特点：P3附件适用于在安装壳体上直接开螺旋孔的安装方式，P4附件用于直式焊接印制板产品及板厚的版前安装方式