



NDM系列微矩形电连接器

- 芯数：9、15、21、25、31、37、51
- 接触件间距0.635mm，排距1.016mm
- 压接截面积为 $0.035\text{ mm}^2\sim 0.05\text{ mm}^2$ 的导线
- 产品执行的详细规范：Q/MB20323-2005

技术参数

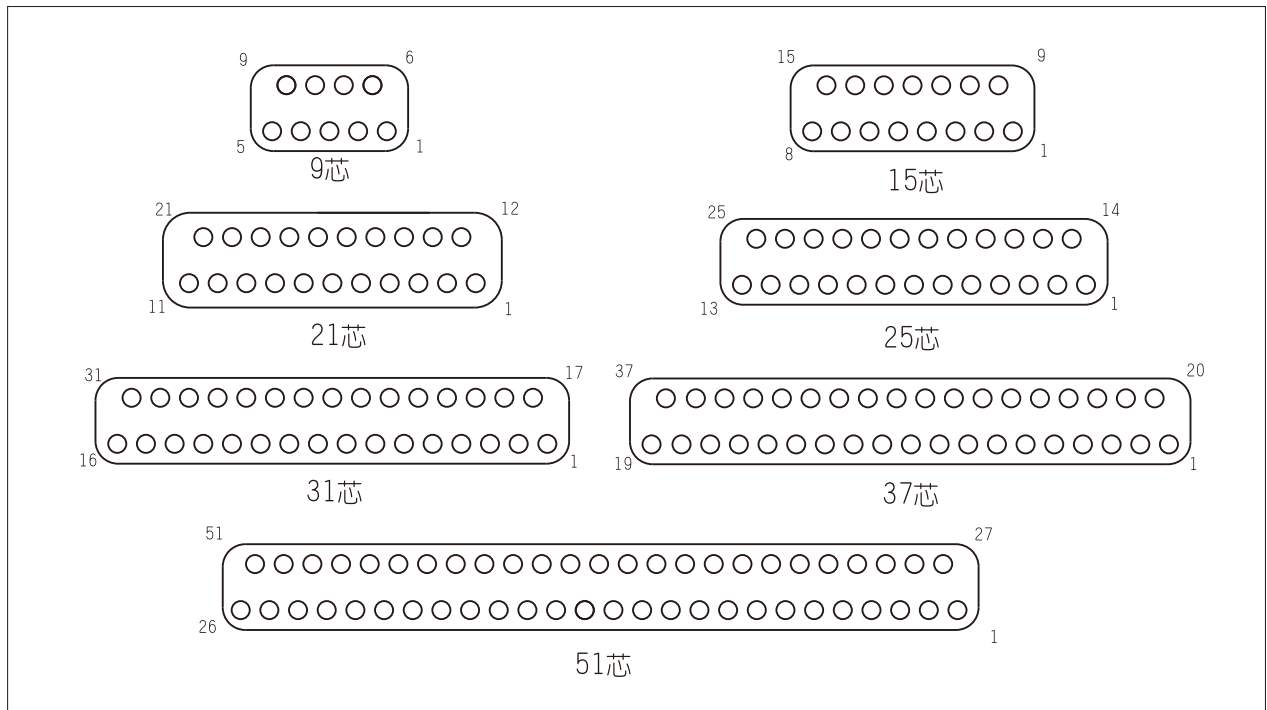
使用环境条件		主要技术参数	
环境温度	$-55^{\circ}\text{C}\sim +125^{\circ}\text{C}$	工作电流	1A max
相对湿度	$+40^{\circ}\text{C}$ ，98%	接触电阻	$\leq 26\text{ m}\Omega$
低气压	4.4KPa，100V	绝缘电阻	$\geq 5000\text{ M}\Omega$
振动	10~2000Hz 196 m/s^2	耐压	250 V
冲击	490 m/s^2	机械寿命	200次

NDM系列型号组成

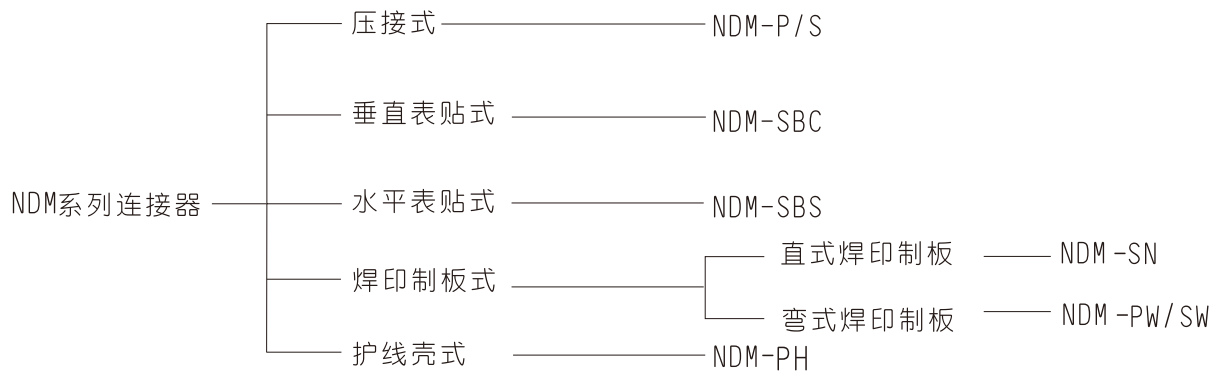
序号	分类特征	分类内容	标志代号
1	主称代号	微矩形连接器	NDM
2	接触件数目	接触件数目	用阿拉伯数字表示
3	接触件种类	插针接触件	P
		插孔接触件	S
4	端接形式	压接(带导线)	不标示
		直式焊印制板	N
		弯式焊印制板	W
		垂直表贴	BC
		水平表贴	BS
5	夹线装置	护线壳	H



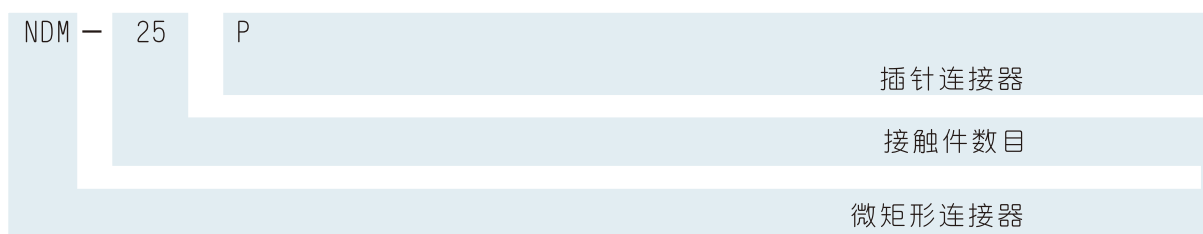
型谱排列(从插针连接器对插面看)



产品族谱树



NDM型号命名示例

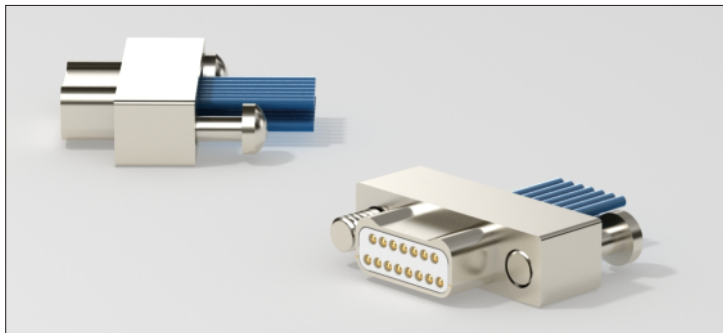




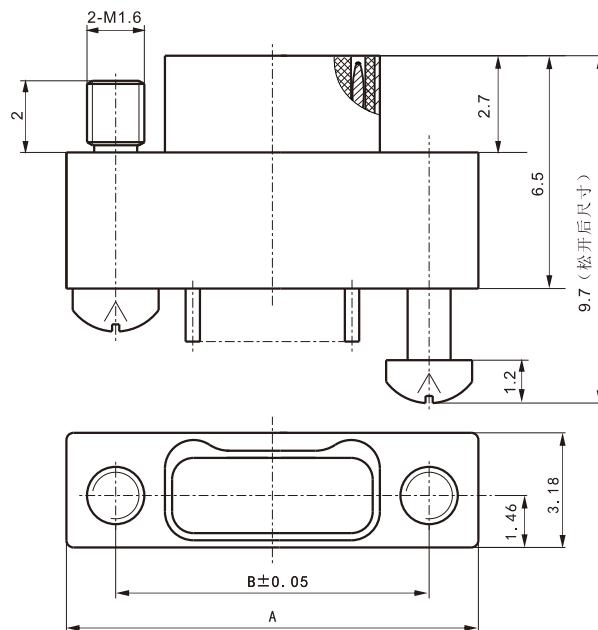
NDM压接式电连接器

NDM-9、15、21、25、31、37、51P

产品立体图



产品外形尺寸图

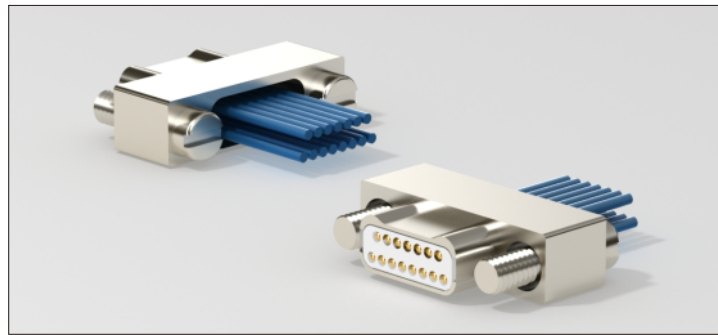


产品型号	A	B
NDM-9P	9.52	6.86
NDM-15P	11.43	8.76
NDM-21P	13.33	10.67
NDM-25P	14.6	11.94
NDM-31P	16.51	13.84
NDM-37P	18.41	15.75
NDM-51P	22.86	20.19

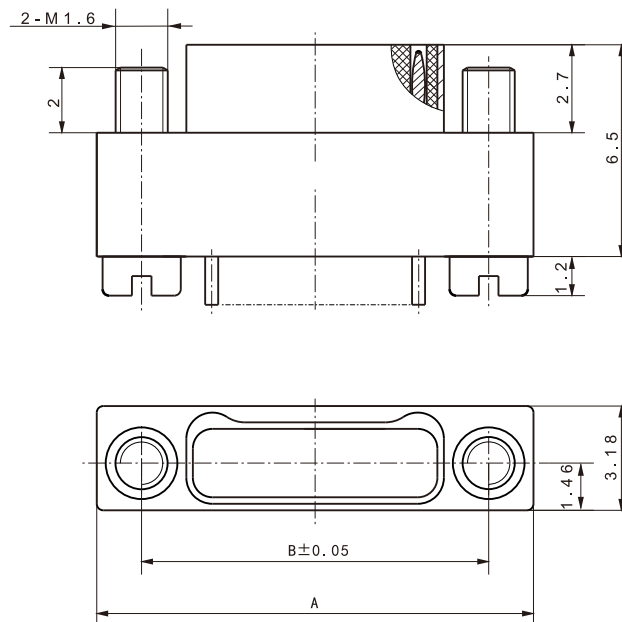


■ NDM-9、15、21、25、31、37、51PL

产品立体图



产品外形尺寸图

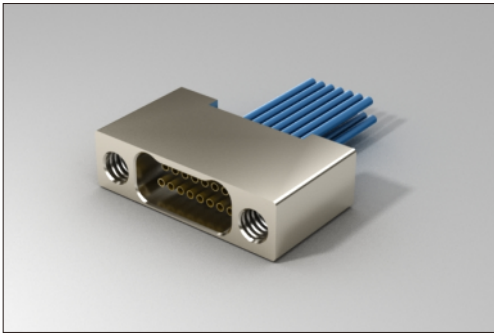


产品型号	A	B
NDM-9PL	9.52	6.86
NDM-15PL	11.43	8.76
NDM-21PL	13.33	10.67
NDM-25PL	14.6	11.94
NDM-31PL	16.51	13.84
NDM-37PL	18.41	15.75
NDM-51PL	22.86	20.19

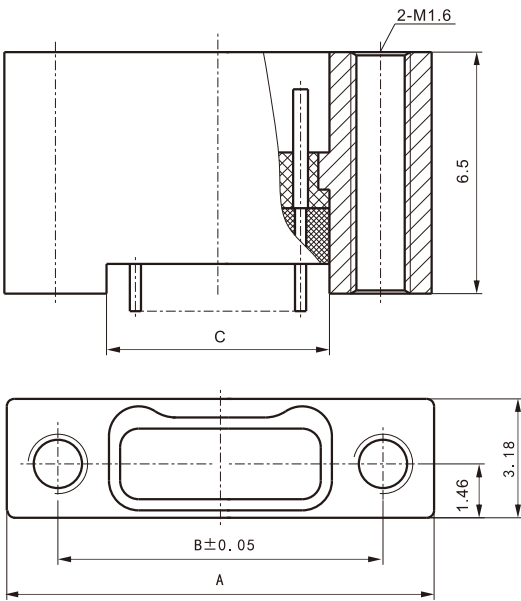


NDM-9、15、21、25、31、37、51S

产品立体图



产品外形尺寸图

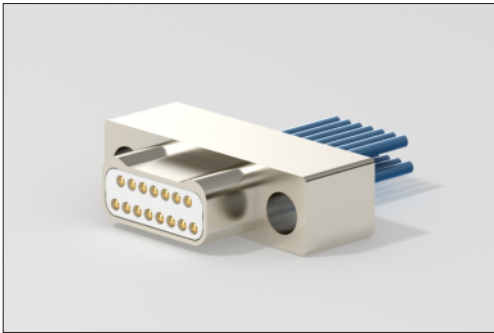


产品型号	A	B	C	产品型号	A	B	C
NDM-9S	9.52	6.86	4.2	NDM-15S	11.43	8.76	6.1
NDM-21S	13.33	10.67	8	NDM-25S	14.60	11.94	9.27
NDM-31S	16.51	13.84	11.2	NDM-37S	18.41	15.75	13.1
NDM-51S	22.86	20.19	17.54				

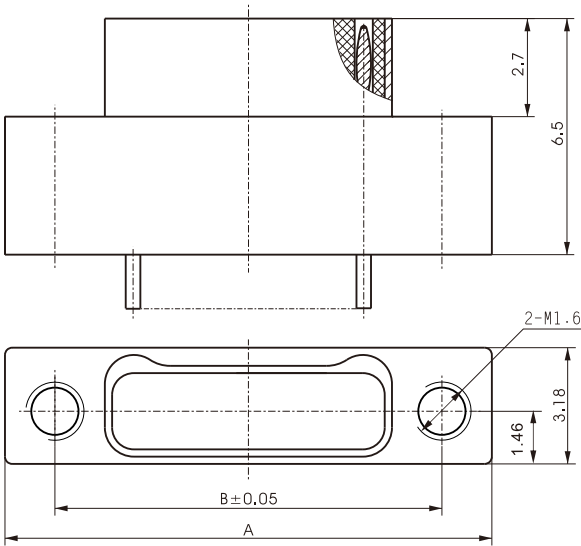


NDM-9、15、21、25、31、37、51P-A

产品立体图



产品外形尺寸图

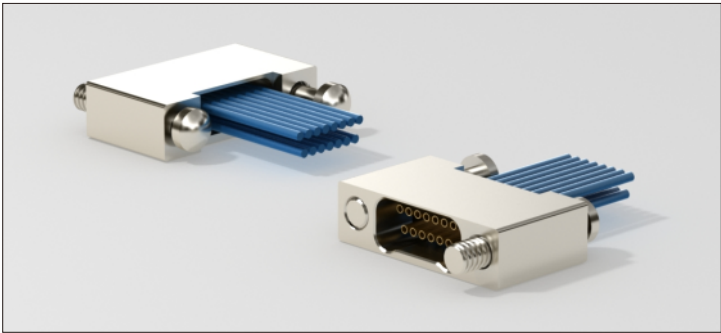


产品型号	A	B
NDM-9P-A	9.52	6.86
NDM-15P-A	11.43	8.76
NDM-21P-A	13.33	10.67
NDM-25P-A	14.6	11.94
NDM-31P-A	16.51	13.84
NDM-37P-A	18.41	15.75
NDM-51P-A	22.86	20.19

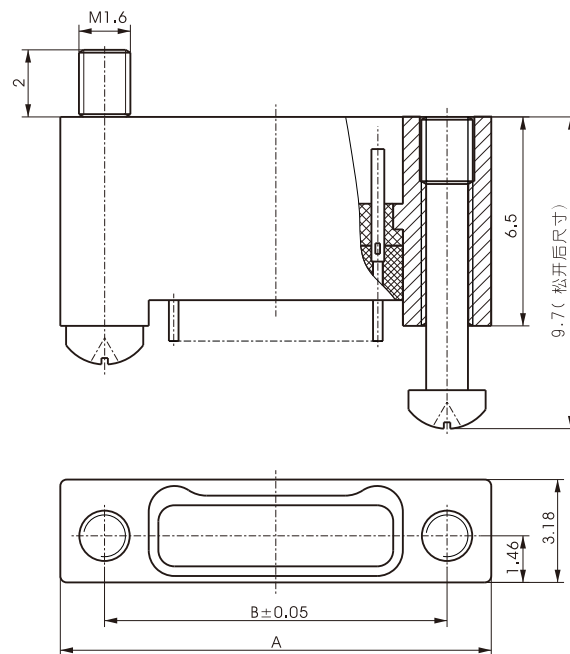



 NDM-9、15、21、25、31、37、51S-A

产品立体图



产品外形尺寸图

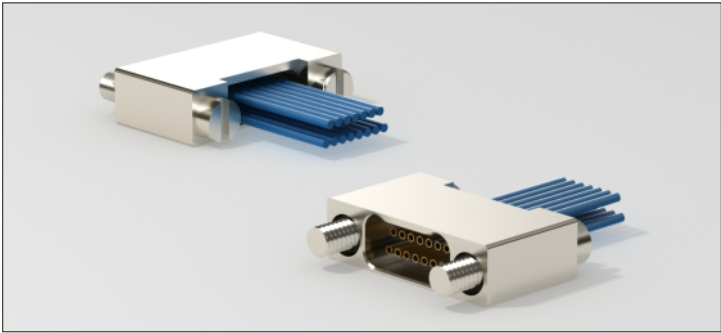


产品型号	A	B
NDM-9S-A	9.52	6.86
NDM-15S-A	11.43	8.76
NDM-21S-A	13.33	10.67
NDM-25S-A	14.6	11.94
NDM-31S-A	16.51	13.84
NDM-37S-A	18.41	15.75
NDM-51S-A	22.86	20.19

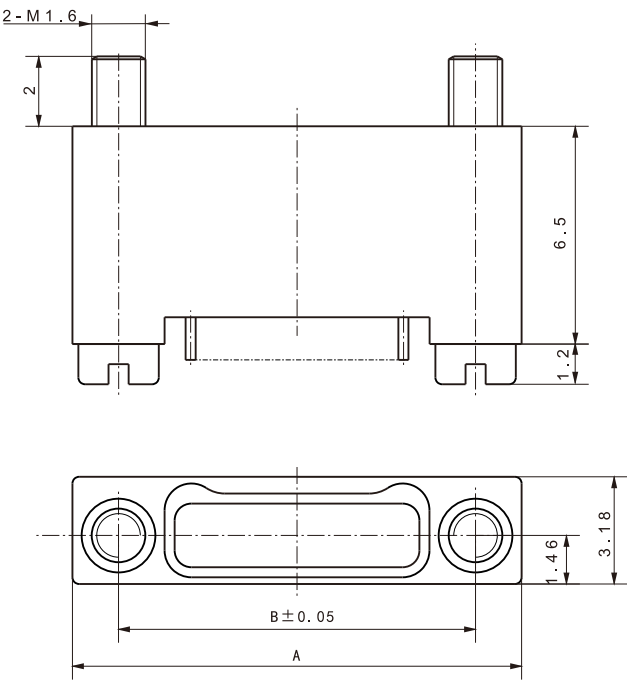



 NDM-9、15、21、25、31、37、51SL5-A

产品立体图



产品外形尺寸图



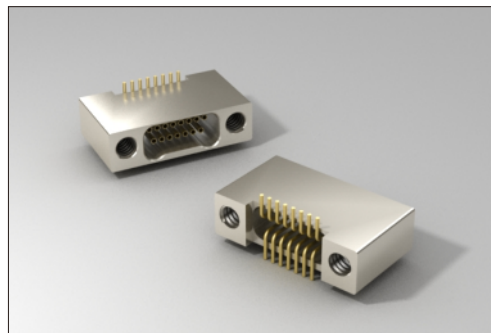
产品型号	A	B
NDM-9SL5-A	9.52	6.86
NDM-15SL5-A	11.43	8.76
NDM-21SL5-A	13.33	10.67
NDM-25SL5-A	14.6	11.94
NDM-31SL5-A	16.51	13.84
NDM-37SL5-A	18.41	15.75
NDM-51SL5-A	22.86	20.19



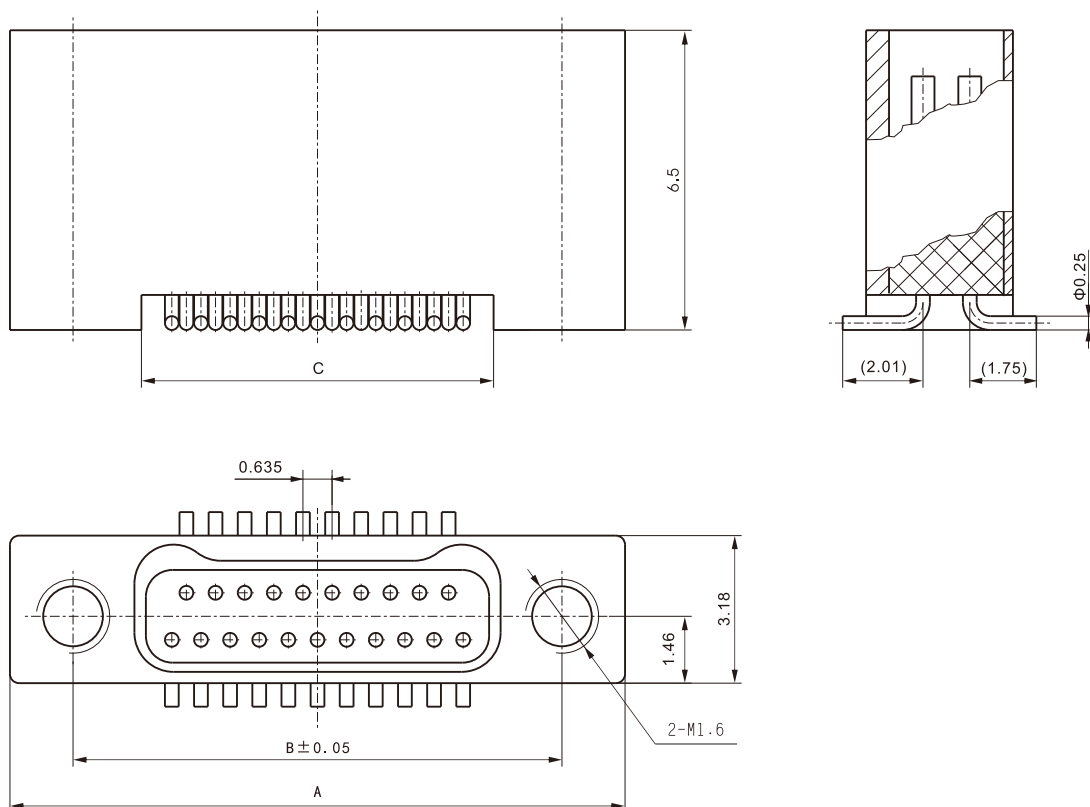
NDM垂直表贴式电连接器

NDM-9、15、21、25、31、37、51SBC

产品立体图



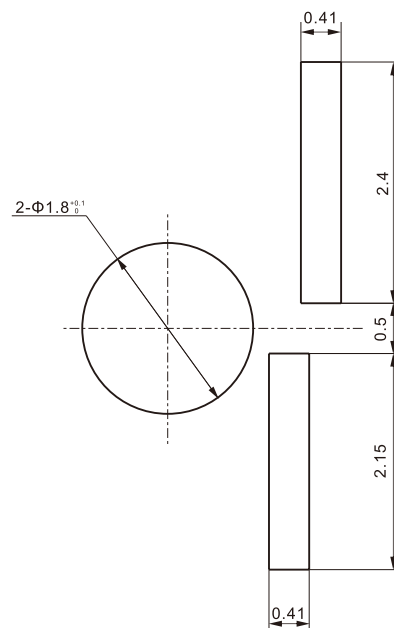
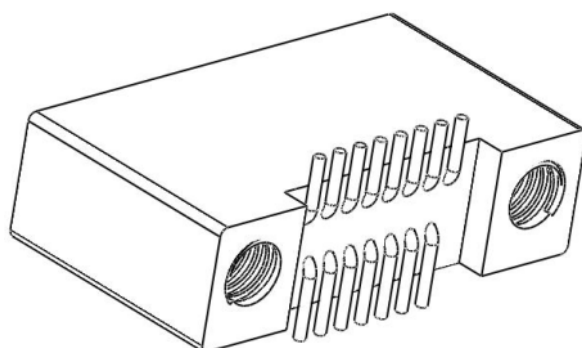
产品外形尺寸图



产品型号	A	B	C	产品型号	A	B	C
NDM-9SBC	9.52	6.86	3.86	NDM-31SBC	16.51	13.84	10.85
NDM-15SBC	11.43	8.76	5.77	NDM-37SBC	18.41	15.75	12.75
NDM-21SBC	13.33	10.67	7.67	NDM-51SBC	22.86	20.19	17.2
NDM-25SBC	14.60	11.94	8.94				

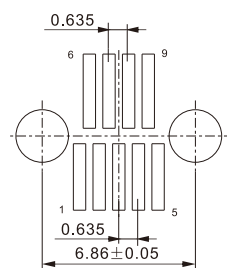


NDM垂直表贴式印制板封装尺寸

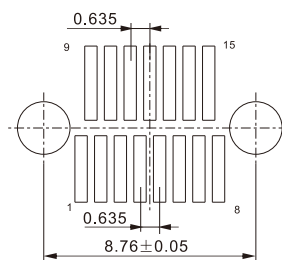


引脚封装尺寸局部放大图

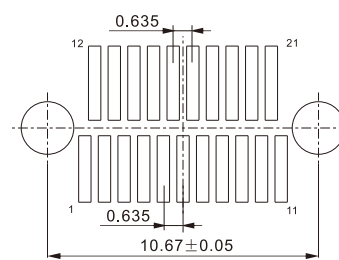
封装尺寸



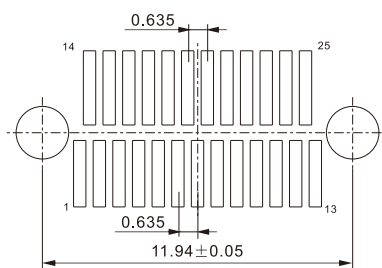
NDM-9SBC



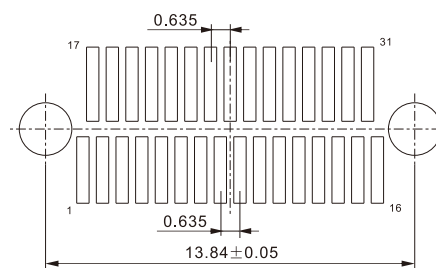
NDM-15SBC



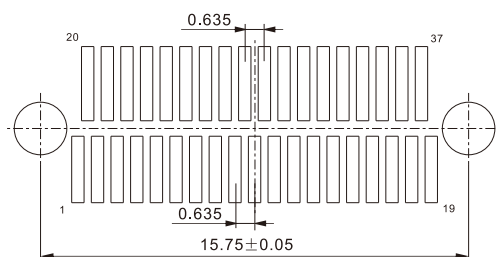
NDM-21SBC



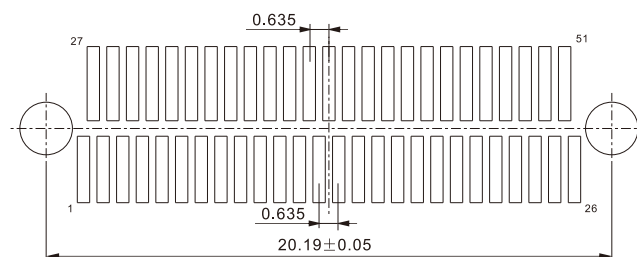
NDM-25SBC



NDM-31SBC



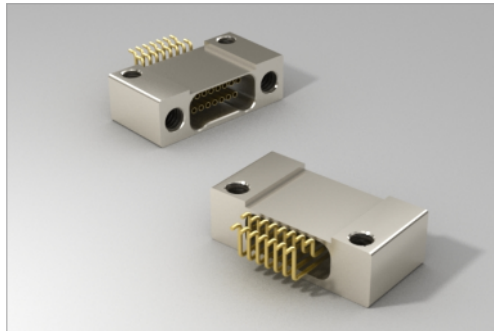
NDM-37SBC



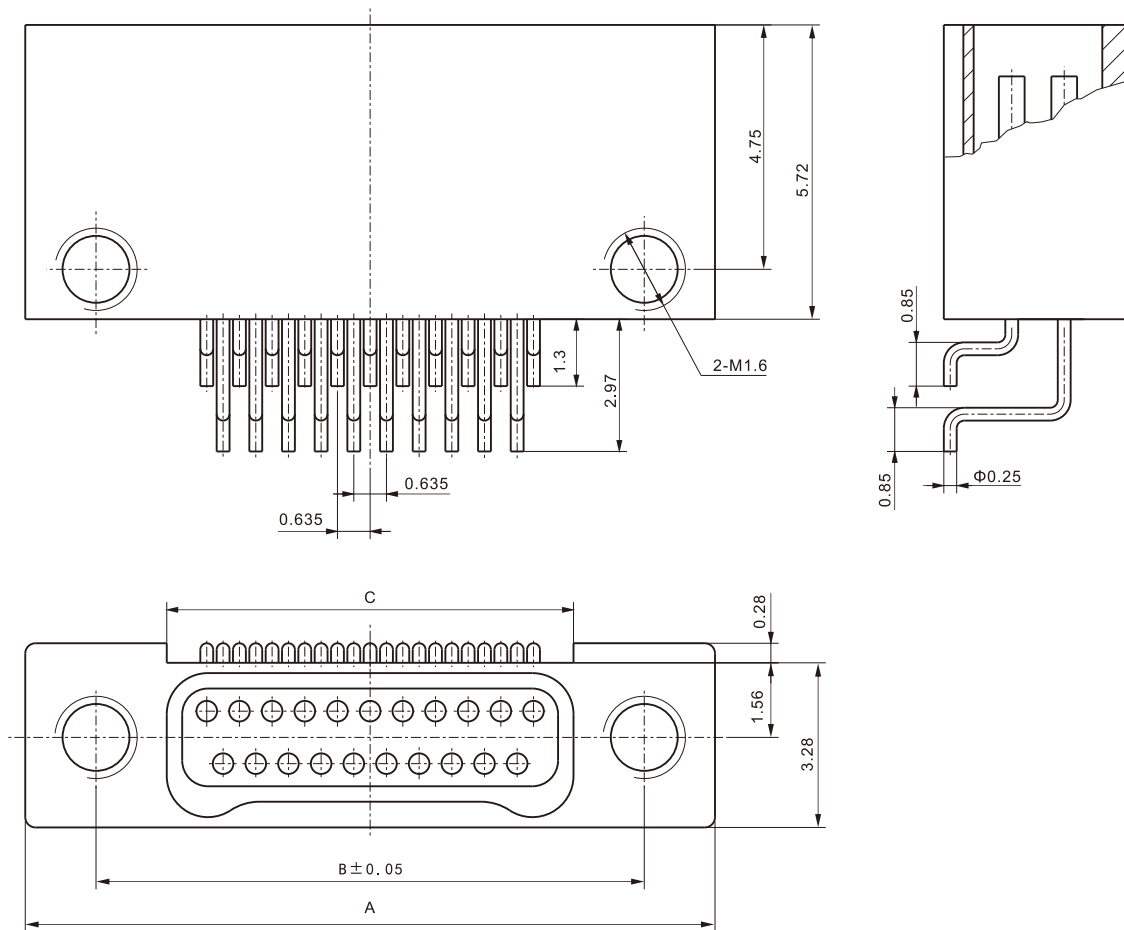
NDM-51SBC



- NDM水平表贴式电连接器
- NDM-9、15、21、25、31、37、51SBS
- 产品立体图



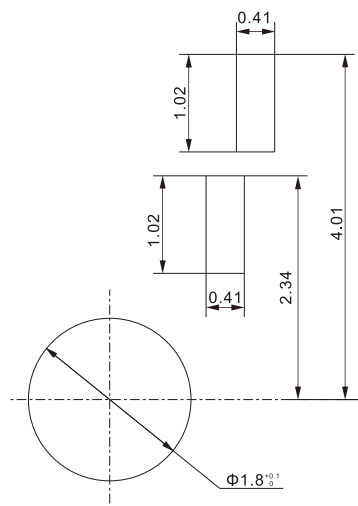
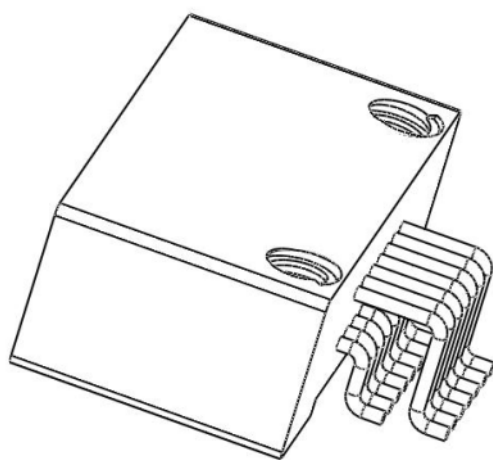
产品尺寸图



产品型号	A	B	C	产品型号	A	B	C
NDM-9SBS	9.52	6.86	3.86	NDM-31SBS	16.51	13.84	10.85
NDM-15SBS	11.43	8.76	5.77	NDM-37SBS	18.41	15.75	12.75
NDM-21SBS	13.33	10.67	7.67	NDM-51SBS	22.86	20.19	17.2
NDM-25SBS	14.60	11.94	8.94				

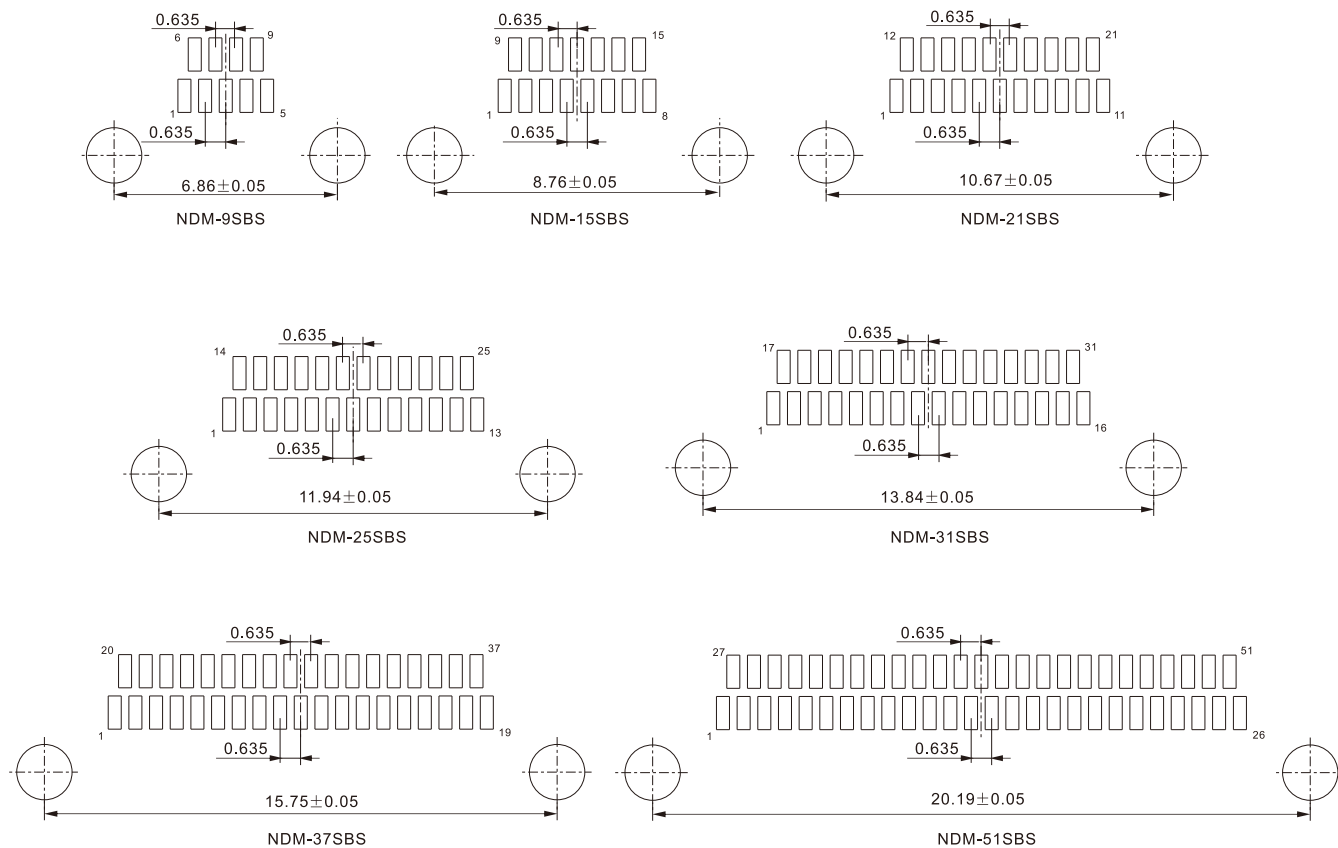


NDM水平表贴式印制板封装尺寸



引脚封装尺寸局部放大图

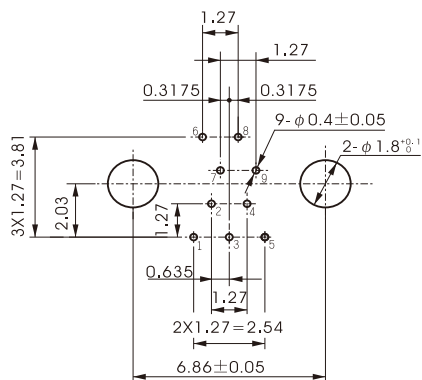
封装尺寸



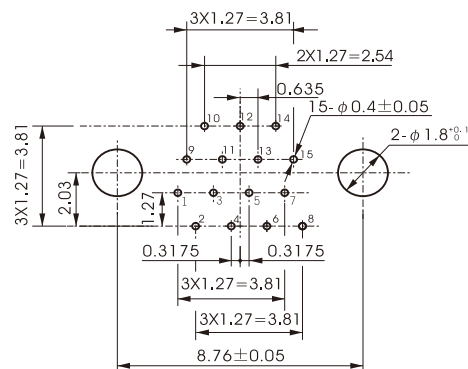




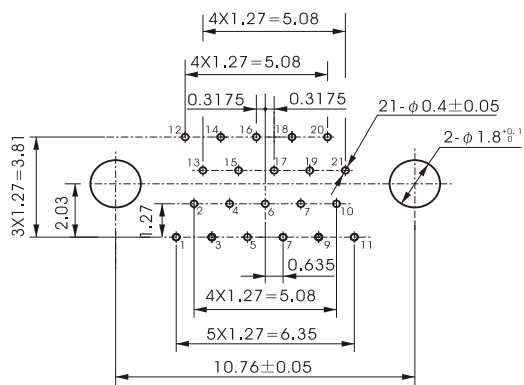
NDM直式焊印制板式插孔电连接器印制板开孔尺寸



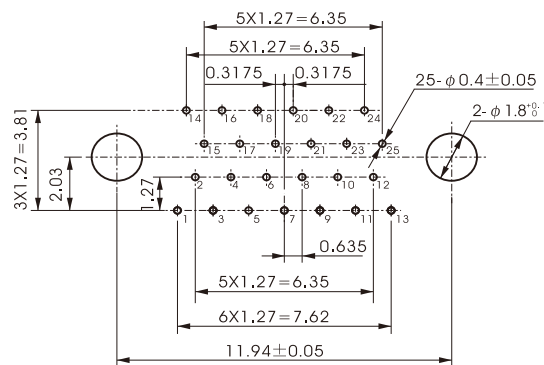
9 芯



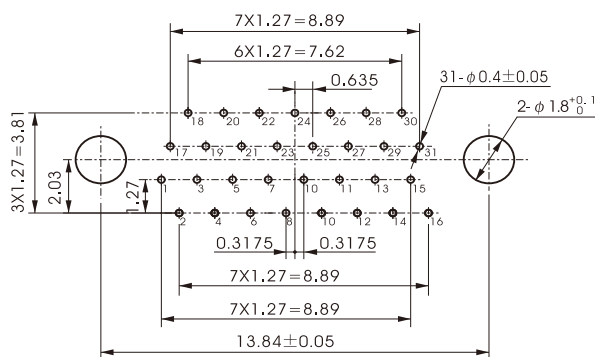
15 芯



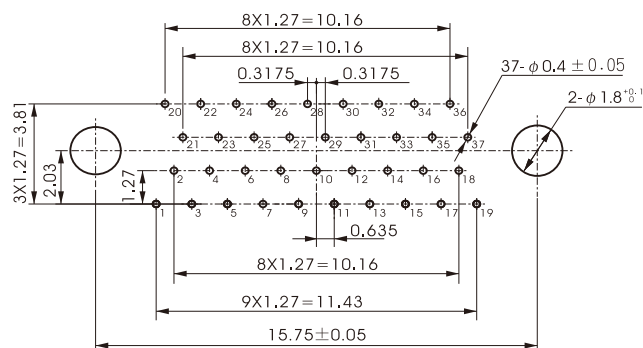
21 芯



25 芯



31 芯



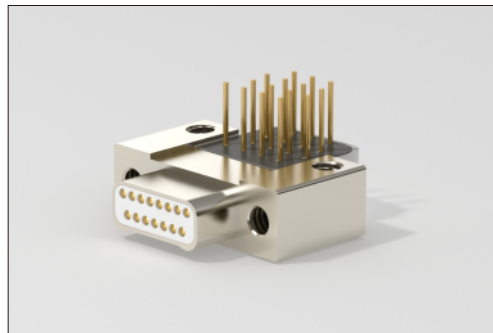
37 芯



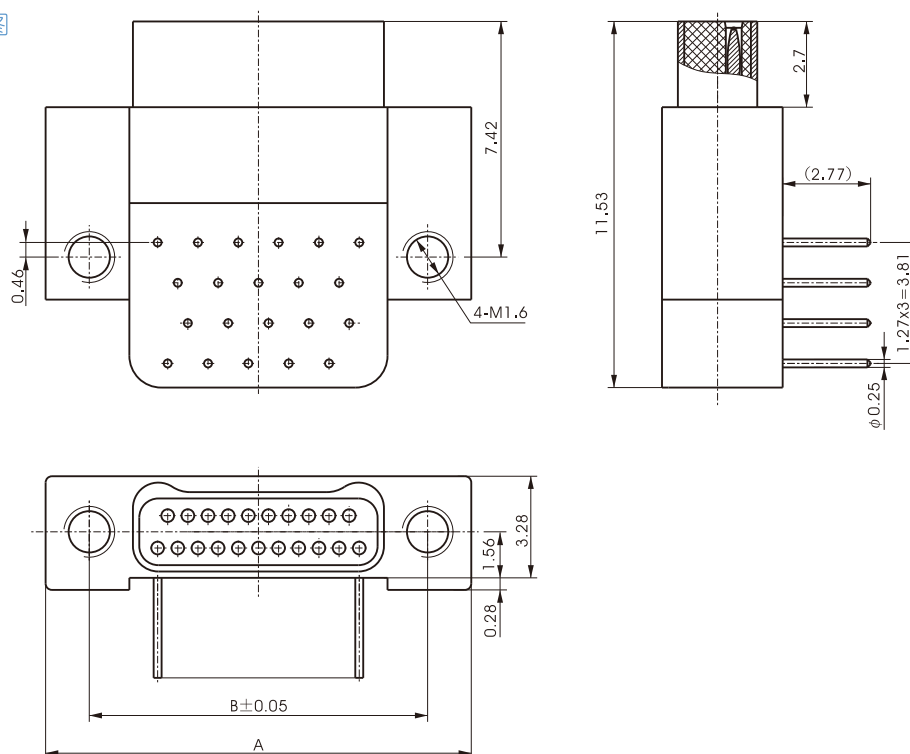
NDM弯式焊印制板式电连接器

NDM-9、15、21、25、31、37PW

产品立体图



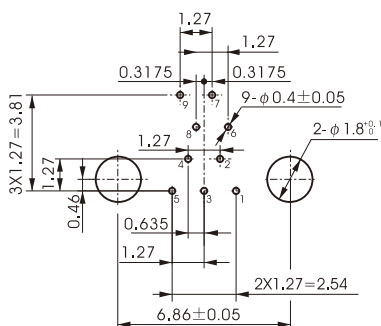
产品外形尺寸图



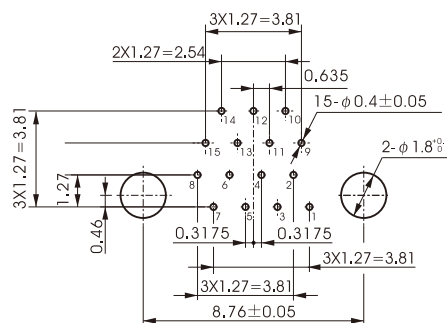
产品型号	A	B
NDM-9PW	9.52	6.86
NDM-15PW	11.43	8.76
NDM-21PW	13.33	10.67
NDM-25PW	14.6	11.94
NDM-31PW	16.51	13.84
NDM-37PW	18.41	15.75



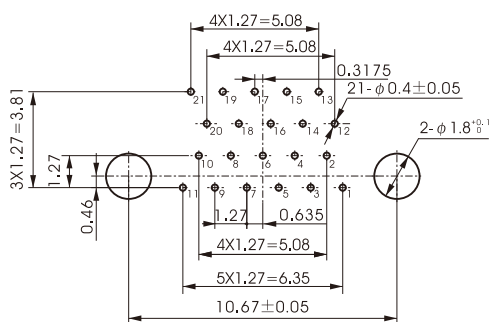
NDM弯式焊印制板式插针电连接器印制板开孔尺寸



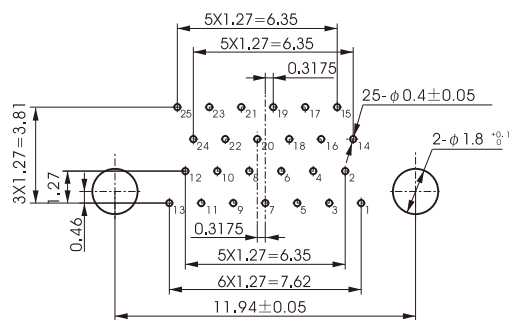
9 芯



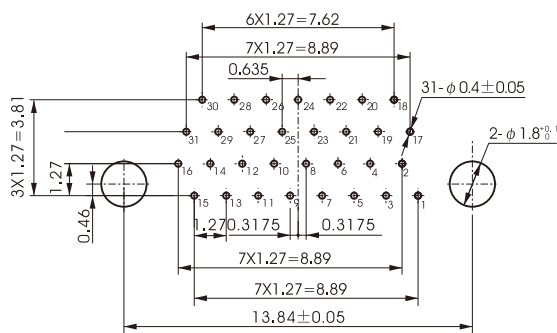
15 芯



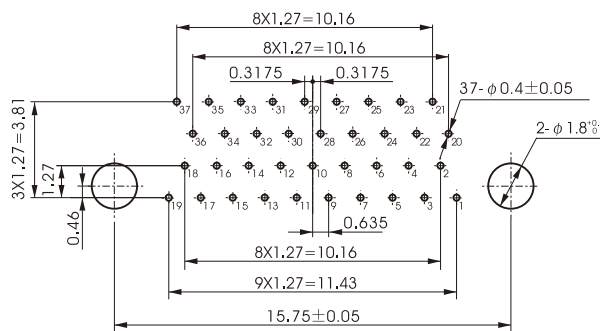
21 芯



25 芯



31 芯



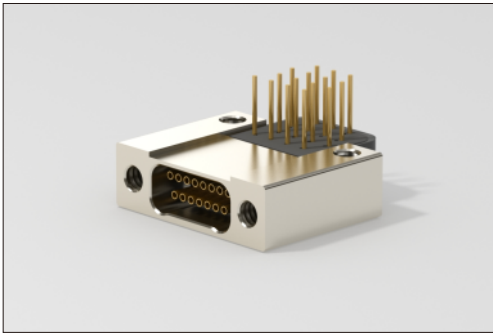
37 芯



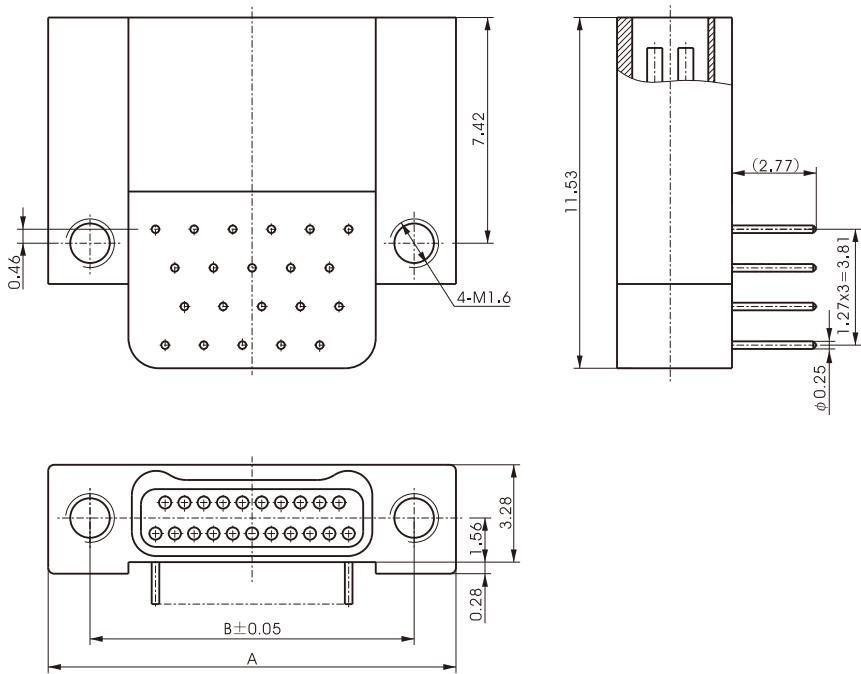
NDM弯式焊印制板式电连接器

NDM-9、15、21、25、31、37SW

产品立体图



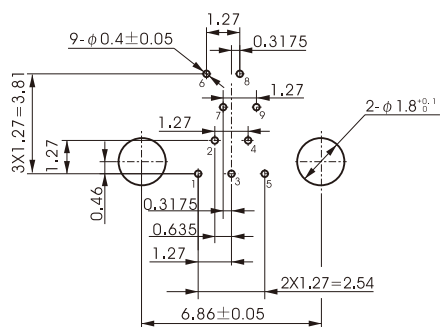
产品外形尺寸图



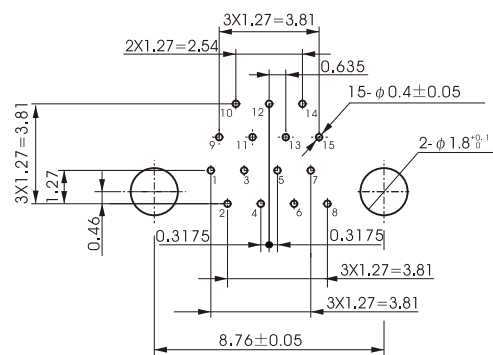
产品型号	A	B
NDM-9SW	9.52	6.86
NDM-15SW	11.43	8.76
NDM-21SW	13.33	10.67
NDM-25SW	14.6	11.94
NDM-31SW	16.51	13.84
NDM-37SW	18.41	15.75



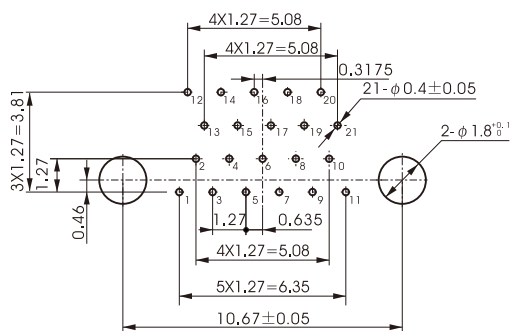
NDM弯式焊印制板式插孔电连接器印制板开孔尺寸



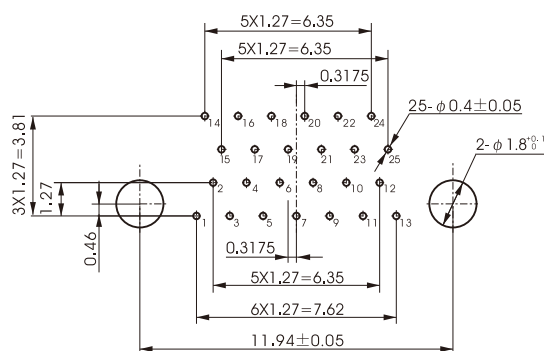
9 芯



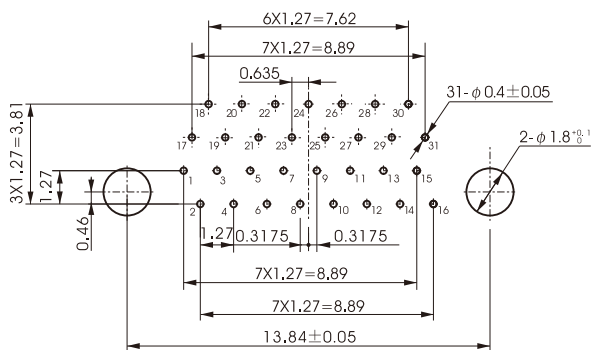
15 芯



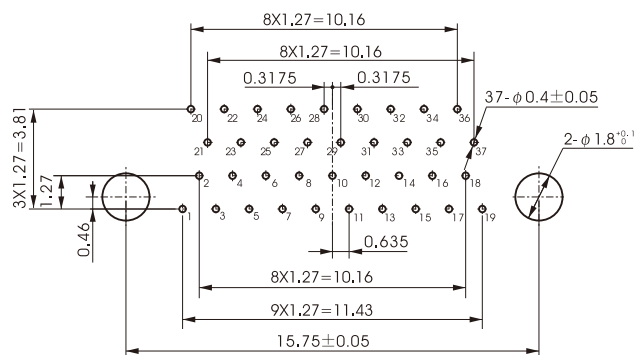
21 芯



25 芯



31 芯



37 芯



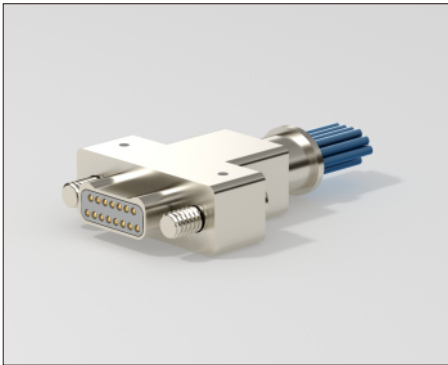
- 

NDM带护线壳式电连接器
- 

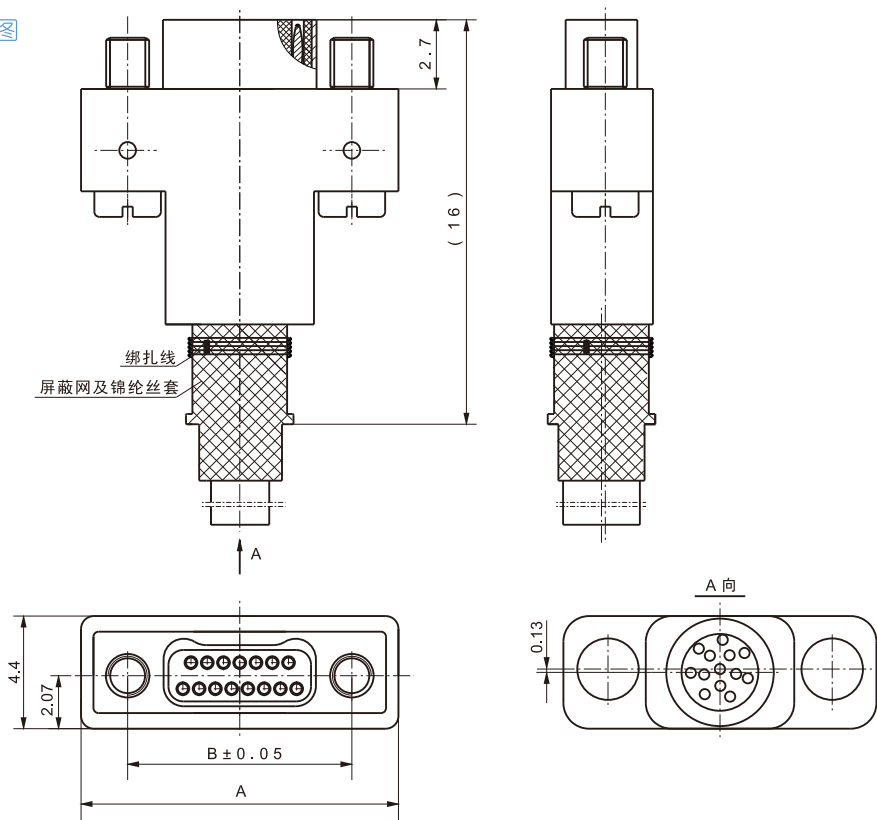
H型适用于压接式带导线产品
- 

NDM-9、15、21、25、31、37、51PH

产品立体图



产品外形尺寸图



产品型号	A	B
NDM-9PH	10.32	6.86
NDM-15PH	12.23	8.76
NDM-21PH	14.13	10.67
NDM-25PH	15.4	11.94
NDM-31PH	17.31	13.84
NDM-37PH	19.21	15.75
NDM-51PH	23.66	20.19