

SBMA 系列是在BMA产品基础上研制的一种小型盲配型连接器，特性阻抗为 50Ω ，使用频率可达28GHz。SBMA产品具有体积小、可靠性高、维护方便、标准化程度高等特点，可同M/COM公司的OSSP系列产品进行对接互换。同BMA产品相同，可用于各种微波电路的连接，尤其适用于机箱、机柜的盲插合，有利于雷达等整机系统的小型模块化。因而得到了快速广泛的应用。

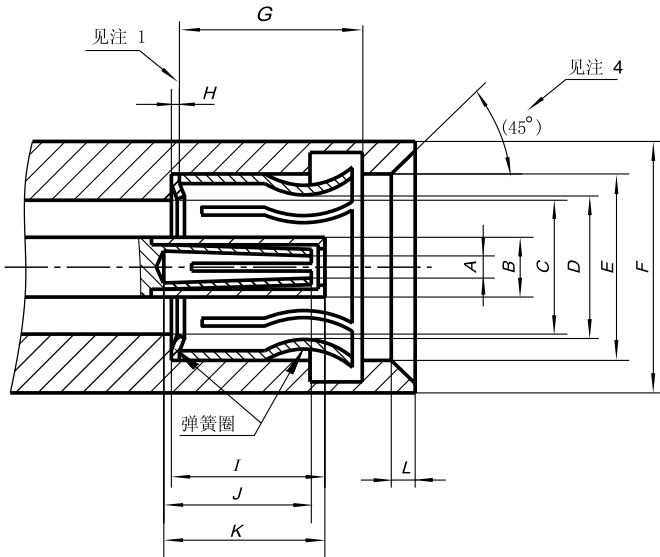
SBMA series connector is a kind of micro blind-mate connector that is developed based on BMA connector. Characteristic impedance is 50 ohm, and the usage frequency can be up to 28GHz. Also SBMA has many characteristics, such as small volume, high reliability, easy maintenance and high degree standardization etc., which can mate and interchange with OSSP of M/A-COM Company. It can be connected with kinds of micro circuit, which is the same usage of BMA, especially blinding with cabinet and machine case. It also takes advantage of micro modularization of Entire Set such as radar etc. Hence SBMA connectors are applied widely and instantly.



主要技术特性		KEY PERFORMANCE	
温度范围 Temperature Range	-65~+125℃	绝缘电阻 Insulation Resistance	≥5000MΩ
特性阻抗 Characteristic Impedance	50 Ω	介质耐压 Dielectric Withstanding Voltage	≥675V
频率范围 Frequency Range	DC~28GHz	啮合力 Force To Engage	≤14N
寿命 Durability	500次	分离力 Force To Disengage	≥0.76N

头部配合尺寸

INTERFACE MATING DIMENSIONS



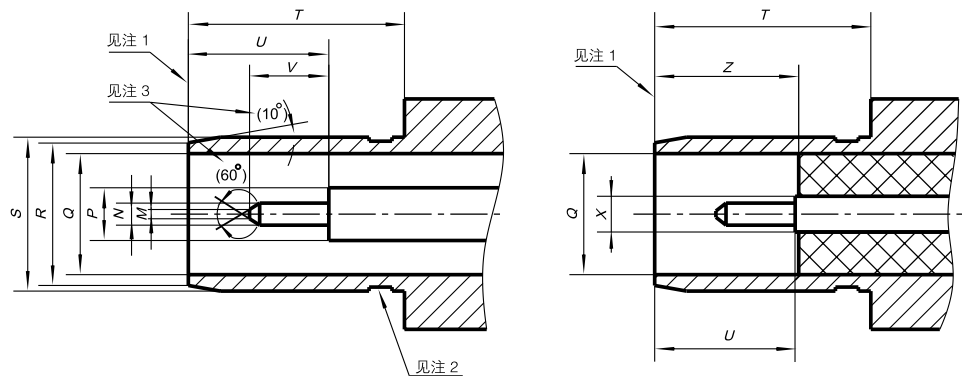
Symbol	Min(mm)	Max(mm)	注	Symbol	Min(mm)	Max(mm)	注
A	—	—	注2	G	—	5.03	
B	Φ 1.11	Φ 1.31		H	0.04	0.06	
C	Φ 2.73	Φ 2.83		I	3.12	3.22	
D	—	—	注3	J	2.80	—	
E	Φ 3.90	Φ 3.96		K	3.00	—	
F	Φ 5.40	—		L	0.38	0.44	倒角

注1：机械和电气基准面。

注2：当孔径与直径为0.50~0.53的插针插合时，满足电气和机械性能要求。

注3：满足插入力和分离力的要求。

注4：尺寸45° 为参考尺寸。



Symbol	Min(mm)	Max(mm)	Symbol	Min(mm)	Max(mm)
M	Φ0.10	Φ0.20	T	5.03	—
N	Φ0.50	Φ0.53	U	3.25	3.35
P	Φ 1.21(标称值)		V	—	2.54
Q	Φ 2.78(标称值)		X	Φ 0.86	Φ 0.88
R	Φ 3.18	Φ 3.32	Z	3.35	3.48
S	Φ 3.51	Φ 3.56			

注1：机械和电气基准面。

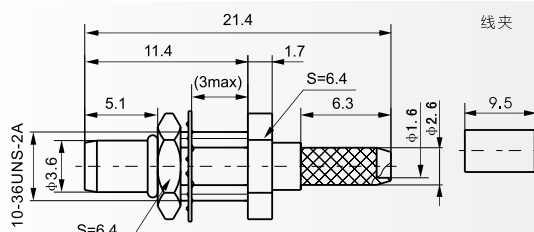
注2：密封件的设计及定位任意,但当界面间隙不大于0.38mm时，应保证满足环境性能要求。

注3：尺寸10° 和60° 为参考尺寸。

注：SBMA系列产品的界面尺寸及性能指标参照欧洲航天局标准制订，可与国外OSSP系列（M/A-COM公司、AMP公司等）产品对接互换。



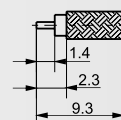
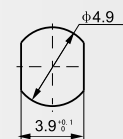
SBMA-JY3G



线夹

建议安装开孔尺寸

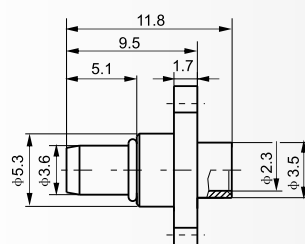
电缆剥线尺寸



Cable type: SYV-50-2-1 、 SFF-50-1.5-1



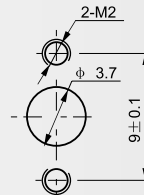
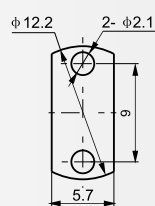
SBMA-JFB2



法兰盘尺寸

建议安装开孔尺寸

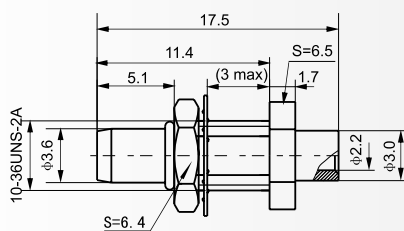
电缆剥线尺寸



Cable type: SFT-50-2-1 或 .086

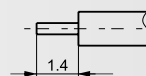
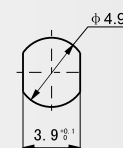


SBMA-JYB2



建议安装开孔尺寸

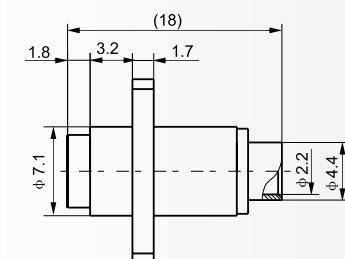
电缆剥线尺寸



Cable type: SFT-50-2-1 或 .086



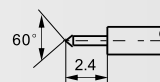
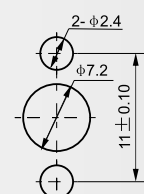
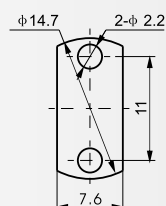
SBMA-KFB2G



法兰盘尺寸

建议安装开孔尺寸

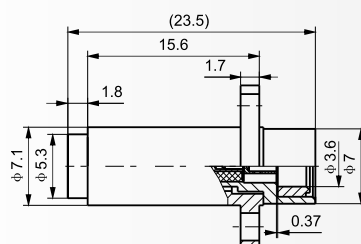
电缆剥线尺寸



Cable type: SFT-50-2-1 或 .086



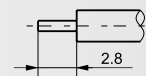
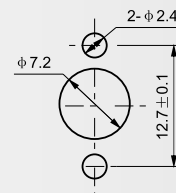
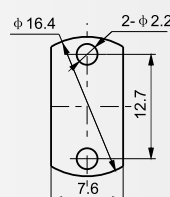
SBMA-KFB3G



法兰盘尺寸

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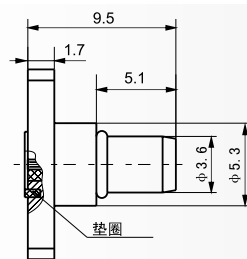
电缆剥线尺寸



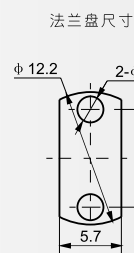
Cable type: SFT-50-3-1 或 .141



SBMA-JFD

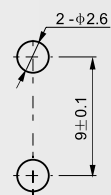


该产品可配玻璃密封件 2016 及 EMI 垫圈，分别计价

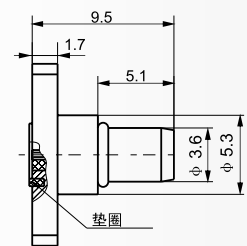


法兰盘尺寸

建议安装开孔尺寸



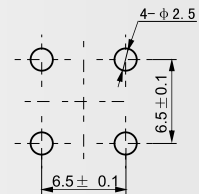
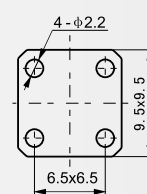
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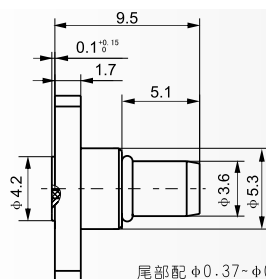
该产品可配玻璃密封件 2016 及 EMI 垫圈，分别计价

法兰盘尺寸

建议安装开孔尺寸



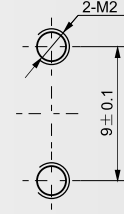
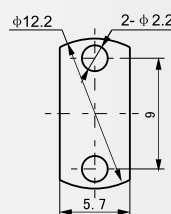
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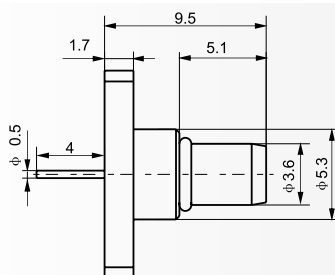
尾部配 $\phi 0.37 \sim \phi 0.4$ 针

法兰盘尺寸

建议安装开孔尺寸

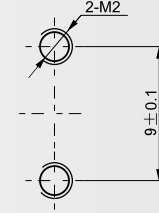
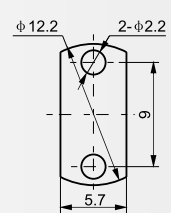


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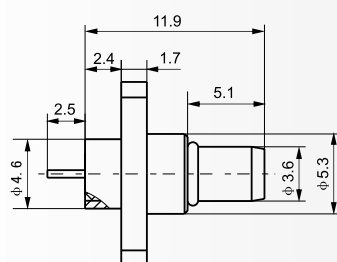


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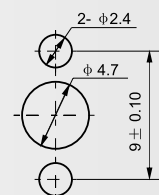
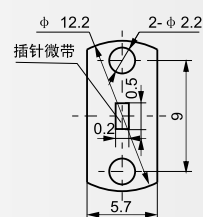


SBMA-JFD4



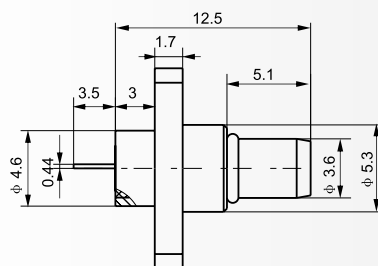
微带于法兰位置示意图

建议安装开孔尺寸

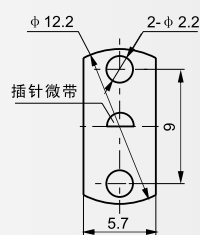




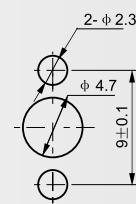
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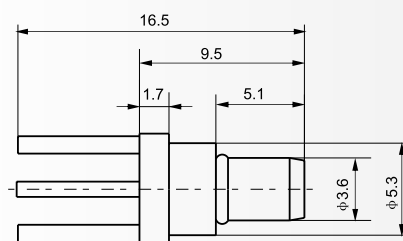
微带于法兰位置示意图



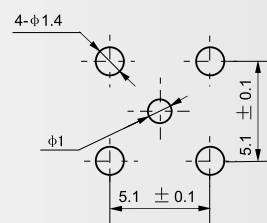
建议安装开孔尺寸



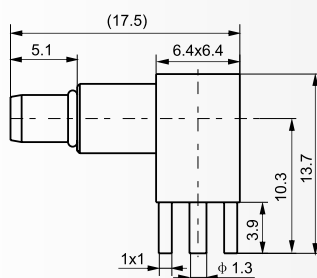
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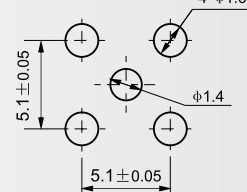
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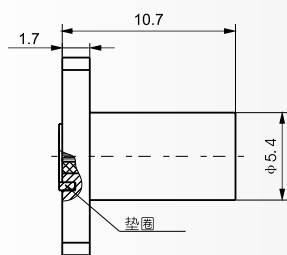
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建议安装开孔尺寸

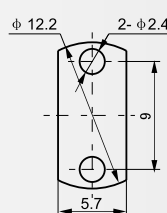


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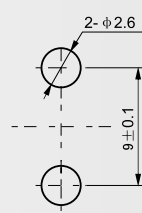


该产品可配玻璃密封件 2016 及 EMI 垫圈，分别计价

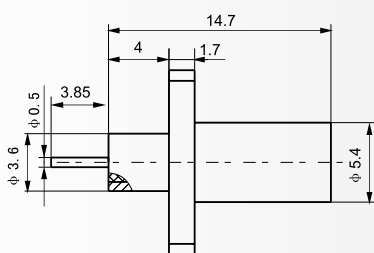
法兰盘尺寸



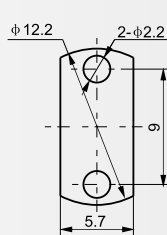
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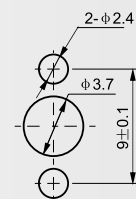
SBMA-KFD1



法兰盘尺寸

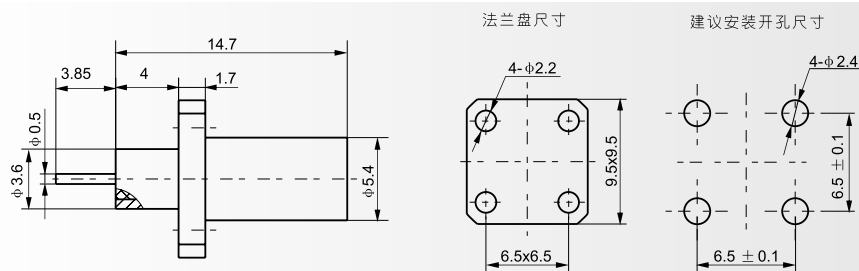


建议安装开孔尺寸

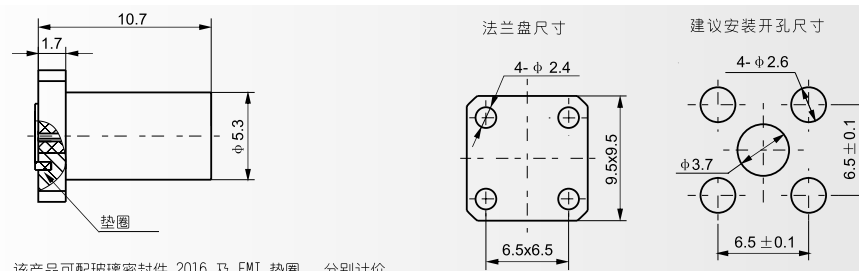




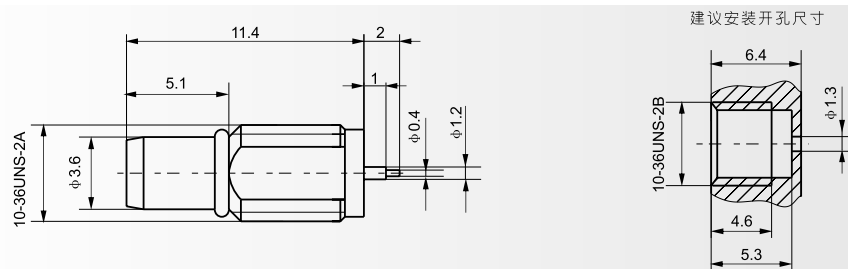
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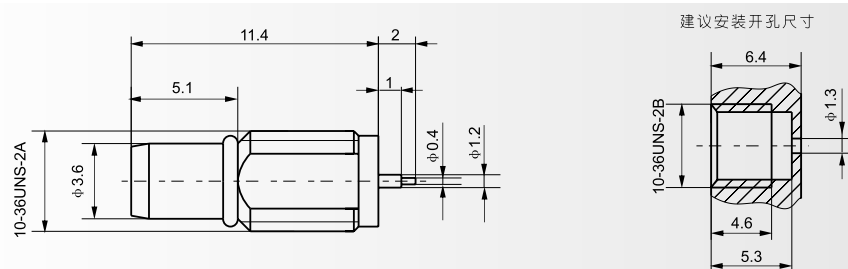
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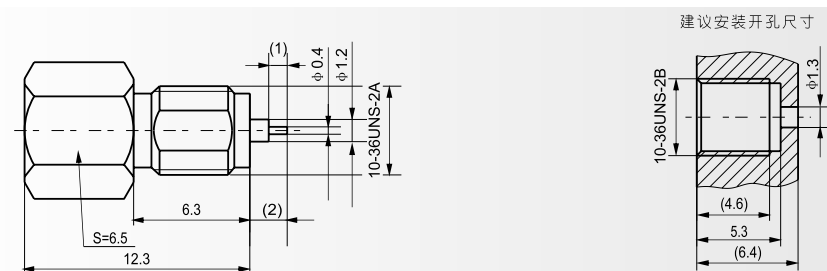
SBMA-JYD



SBMA-JYDG

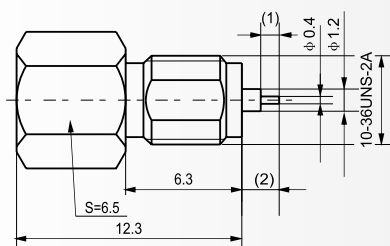


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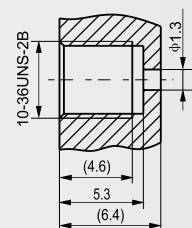




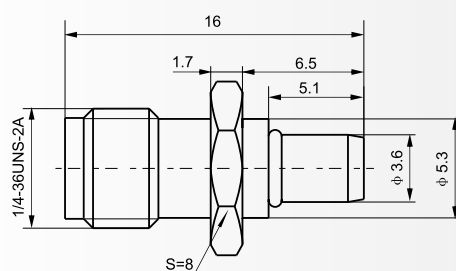
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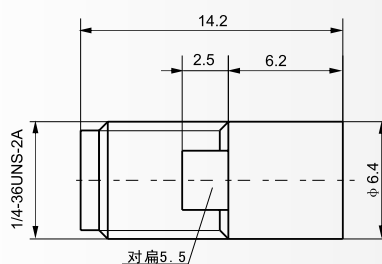
建议安装开孔尺寸



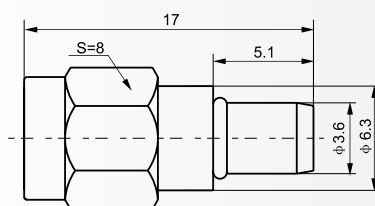
SMA/SBMA-KJ



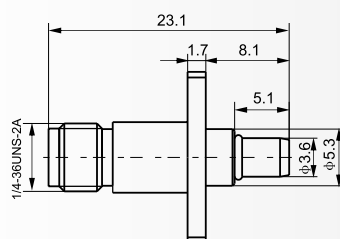
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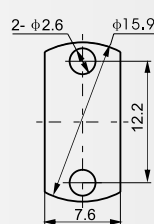
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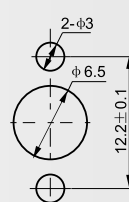
SMA/SBMA-KFJ



法兰盘尺寸



建议安装开孔尺寸

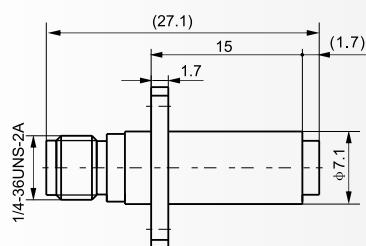


SBMA

系列射频同轴连接器
SERIES SBMA COAXIAL CONNECTORS

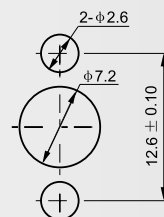


SMA/SBMA-KFK

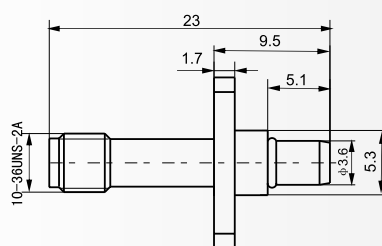


法兰盘尺寸

建议安装开孔尺寸

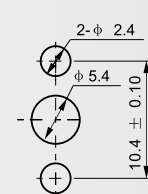


SSMA/SBMA-KFJ

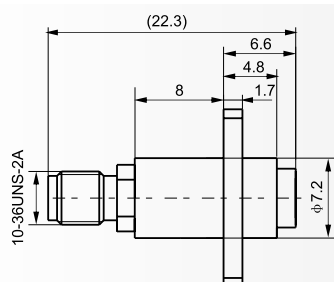


法兰盘尺寸

建议安装开孔尺寸

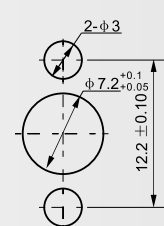


SSMA/SBMA-KFK

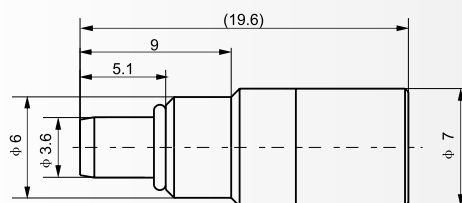


法兰盘尺寸

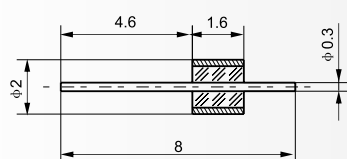
建议安装开孔尺寸



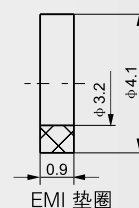
SBMA-JR



玻璃密封件 2016 及 EMI 垫圈



玻璃密封件 2016



EMI 垫圈

注：玻璃密封件 2016 及 EMI 垫圈均可单独订货，分别计价