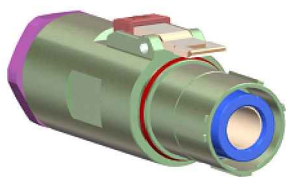


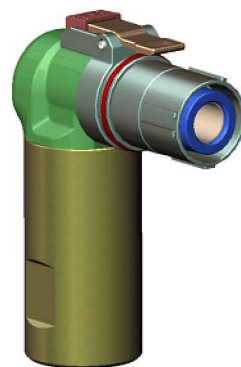
Amphenol

PowerLok 1POS 组装式插头安装规范

1、取出连接器 Put out the connector



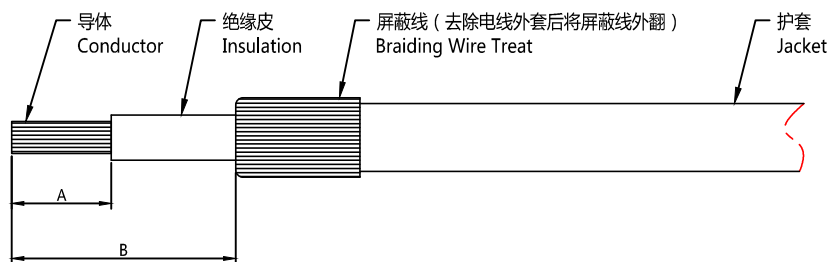
180度插头 180D Plug



90度插头 90D Plug

2、按要求剥线 Strip cable as required

连接器系列 Connector Series	剥线长度 Strip Length	
	A (mm)	B (mm)
120 系列 Series	15^{+2}_0	27^{+2}_0
300 系列 Series	17^{+2}_0	28^{+2}_0
500 系列 Series	20^{+2}_0	32^{+2}_0



电线压接后的拉拔力要求 Crimp tensile requirement

连接器系列 Connector Series	电线尺寸 Cable Size	参考抗拉拔力 Retention Force Min
120 系列 Series	16 mm ²	1500 N
	25 mm ²	1900 N
300 系列 Series	35 mm ²	2200 N
	50 mm ²	2700 N
	70 mm ²	3300 N
	95 mm ²	3700 N
500 系列 Series	120 mm ²	4000 N
	135 mm ²	4000 N
	150 mm ²	4100 N

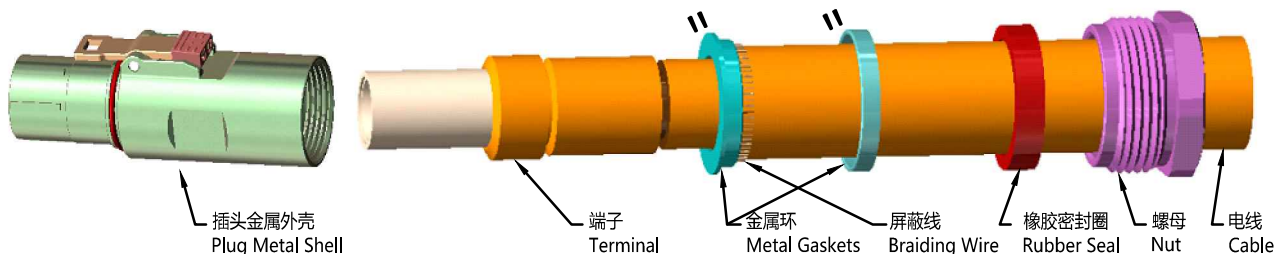
Amphenol

PowerLok 1POS 180D 组装式插头安装规范

PowerLok 1POS 180D Connector Assemble Specification

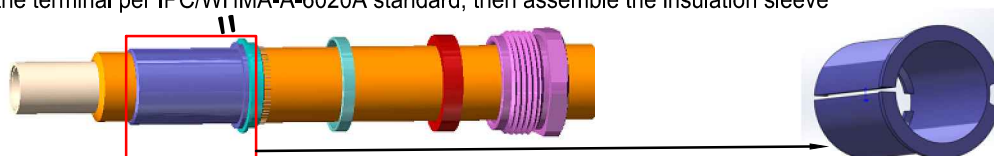
- (1)、拆开连接器，将里面的零件按下图套在剥好的电线上

Take the connector apart, put all components on consolidated cable as shown.



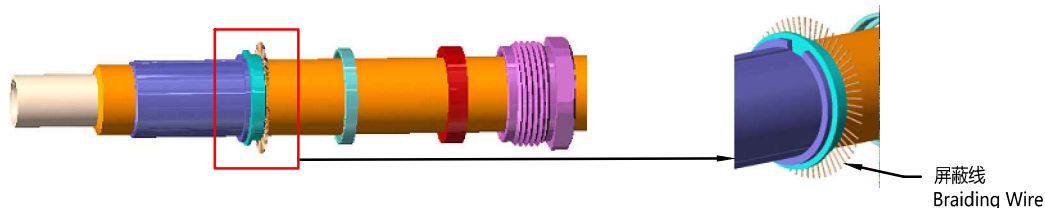
- (2)、按IPC/WHMA-A-620A标准压接端子，然后将绝缘套安装在电线上

Crimp the terminal per IPC/WHMA-A-6020A standard, then assemble the insulation sleeve



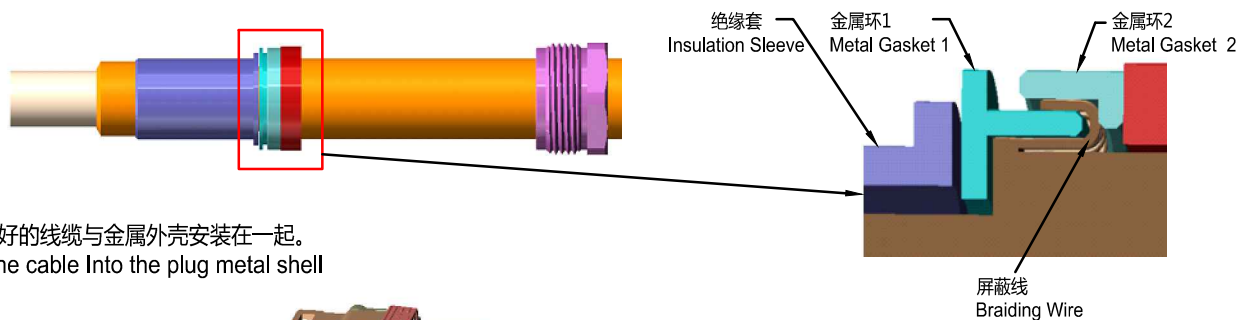
- (3)、将突出的屏蔽线外翻，屏蔽线应突出2~3 mm，剪掉多余的屏蔽线

Cut off braiding wire, and make the wire protrudes 2~3mm from the gasket, then turn it inside out



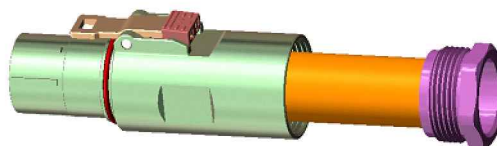
- (4)、使金属环2与金属环1组合在一起，并与屏蔽线充分接触

Make the 2 metal gaskets together, then braiding wire will be between the gaskets and touch well



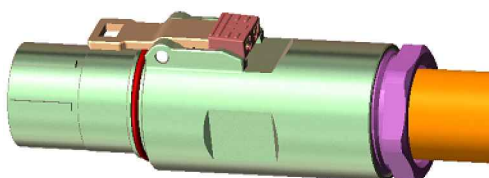
- (5)、将组装好的线缆与金属外壳安装在一起。

Push the cable Into the plug metal shell



- (6)、锁紧金属螺母完成组装，螺母锁紧力矩为5~8Nm

Screw the nut with 5~8 Nm torque



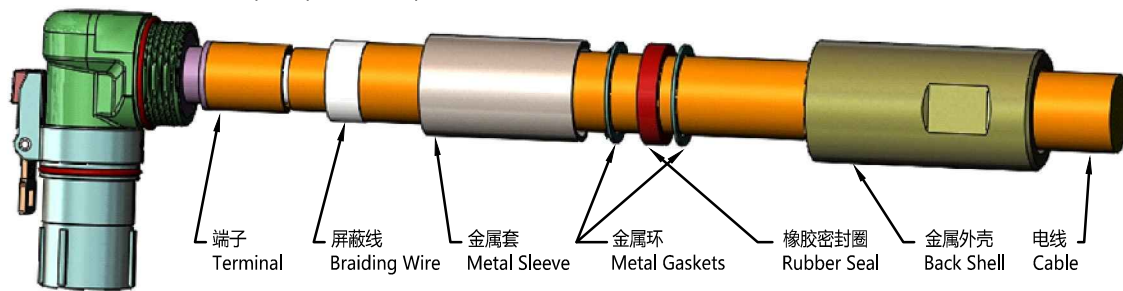
Amphenol

PowerLok 1POS 90D 组装式插头安装规范

PowerLok 1POS 90D Connector Assemble Specification

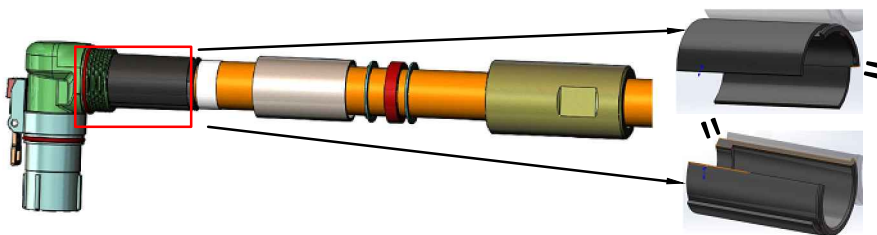
- (1)、拆开连接器，将里面的零件按下图套在剥好的电线上

Take the connector apart, put all components on consolidated cable as shown



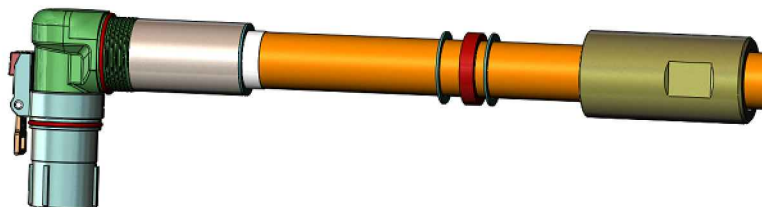
- (2)、按IPC/WHMA-A-620A标准压接端子，然后将绝缘套安装在电线上

Crimp the terminal per IPC/WHMA-A-620A standard, then assemble the insulation sleeve



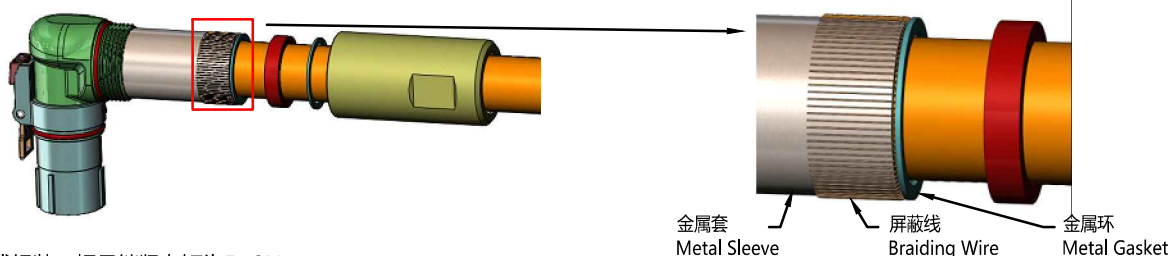
- (3)、装上金属套

Assemble metal sleeve



- (4)、金属环与屏蔽线、金属套紧密接触

Make metal gasket, metal sleeve together, then braiding wire will be between the metal gasket and metal sleeve, and touch well



- (5)、锁紧金属外壳完成组装，螺母锁紧力矩为5~8Nm

Screw the back shell with 5~8 Nm Torque

