PE系列
PE Series



技术参数 Technical parameters

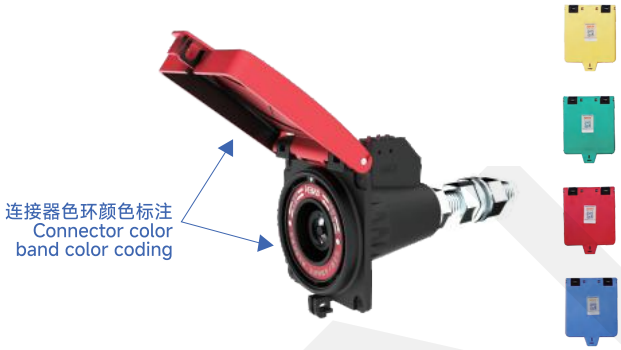
PE系列	PE300	PE400	PE530	PE630
额定电流(安培) Rated current (Amperes)	300A	400A	530A	630A
额定电压(伏特) Rated voltage (Volts)	1000V			
连接线径尺寸(mm^2) Contact Barrel Wire Size (mm^2)	50~300mm^2			
接触材料 Contact material	铜合金镀银 Copper alloy plate with silver			
绝缘材料 Insulation material	PA			
防火等级 Flammability	UL94 V-0			
寿命 Life a.空载状态(连接/断开次) Without load (Contact/Disconnect Cycles) b.负载状态(热插拔) With Load	a. 10000次 b. NO			
接触电阻(微欧) Contact resistance(micro-ohms)	25μΩ			
绝缘电阻 Insulation Resistance	5000MΩ			
平均插拔力(牛顿) Average. Connection/disconnect(N)	200N			
环境温度 (°C) Environment Temperature (°C)	-40°C...+125°C			
额定脉冲电压 Rated Impulse Voltage	6.6KV AC			
防护等级 Protection grade	IP67			

产品特征
Product features

颜色特点 Color characteristics



有颜色鲜明的硅胶色环，避免误插。



面板主插座不同颜色区分，插座内另有相对应颜色的色环，起到二次防护作用。

材料特点 Material characteristics

连接器所用塑胶原料为防水加纤原料，其优势为抗外击、韧性高，连接器受外力影响时，外壳不易损坏。连接器端子所采用的材料为紫铜，含铜量99.99%，端子表面镀银层厚，大大提高了连接器的导电性能。



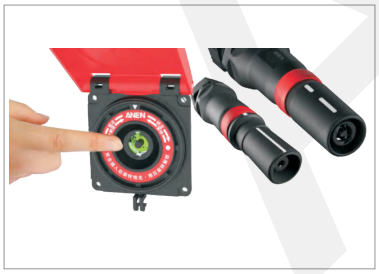
带卡栓锁紧



采用特殊弹片



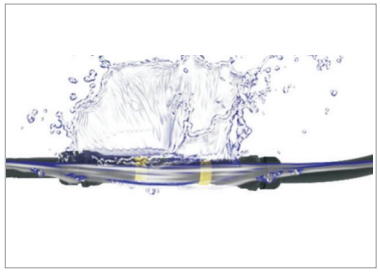
可以配备一个微动开关显示锁紧状态



在未插合状态下防触摸保护



绝缘层上清晰可见的颜色标记

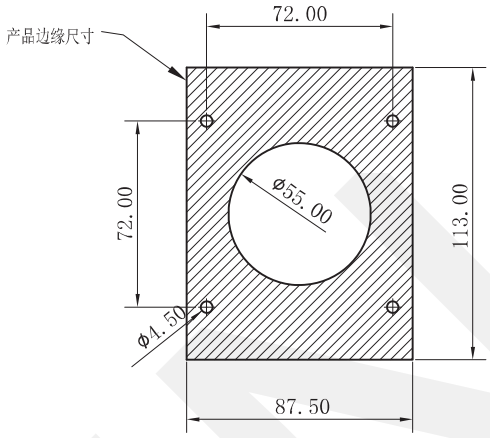


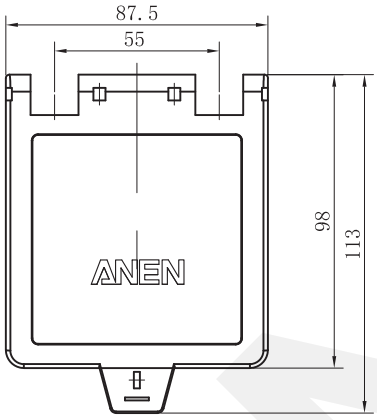
插合状态下防护等级IP68

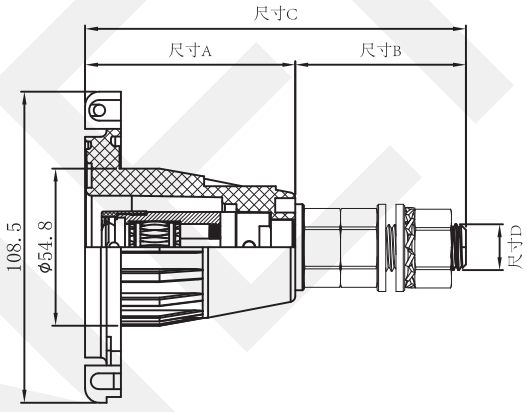
面板插座
Panel socket



钻孔图
Drilling plan





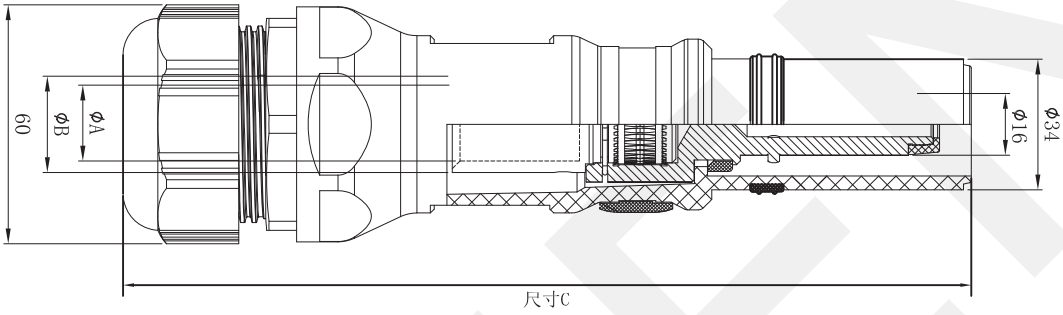


型号 Type

插座料号 Plug P/N	尺寸A(mm) Size A(mm)	尺寸B(mm) Size B(mm)	尺寸C(mm) Size C(mm)	尺寸D(mm) Size D(mm)	颜色标记 Coloured marking
F.PE0300B01-*A	73.3	59.5	132.8	M14	
F.PE0400B01-*A	73.3	59.5	132.8	M14	1 2 3 4 5 6 7 8 9
F.PE0530B01-*A	94	75	169	M16	
F.PE0630B01-*A	94	75	169	M16	

电缆公插头
Male cable plug



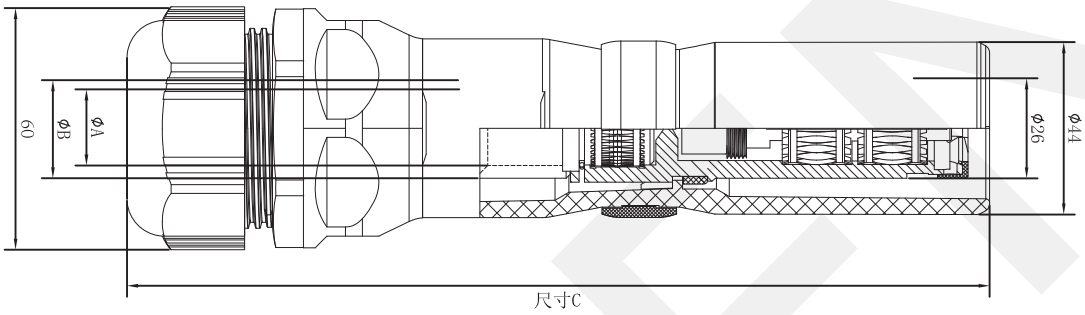


型号 Type

插头料号 Plug P/N	导体截面积(mm²) Conductor cross section(mm²)	压接套内径ΦA(mm) DimensionΦ(mm)	压接套外径ΦB(mm) DimensionΦ(mm)	长度C(mm) Length C(mm)	颜色标记 Coloured marking
F.PE0300M01-*A	50-70mm²	12	17	187	
F.PE0300M02-*A	95-120mm²	16	21	187	
F.PE0400M01-*A	95-120mm²	16	21	187	
F.PE0400M02-*A	150mm²	18	23	187	
F.PE0530M01-*A	150mm²	19	25	225	
F.PE0530M02-*A	185mm²	21	27	225	1 2 3 4 5 6 7 8 9
F.PE0530M03-*A	240mm²	24	30	225	
F.PE0630M01-*A	185mm²	21	27	225	
F.PE0630M02-*A	240mm²	24	30	225	
F.PE0630M03-*A	300mm²	27	32	225	
F.PE0630M04-*A	120mm²	15.5	22	225	
F.PE0630M05-*A	150mm²	19	25	225	

电缆母插头
Cable mother plug



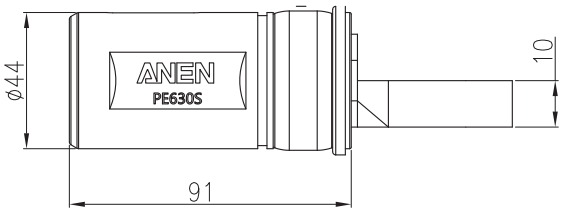


型号 Type

插头料号 Plug P/N	导体截面积(mm²) Conductor cross section(mm²)	压接套内径ΦA(mm) DimensionΦ(mm)	压接套外径ΦB(mm) DimensionΦ(mm)	长度C(mm) Length C(mm)	颜色标记 Coloured marking
F.PE0300F01-*A	50-70mm²	12	17	187	1 2 3 4 5 6 7 8 9
F.PE0300F02-*A	95-120mm²	16	21	187	
F.PE0400F01-*A	95-120mm²	16	21	187	
F.PE0400F02-*A	150mm²	18	23	187	
F.PE0530F01-*A	150mm²	19	25	225	
F.PE0530F02-*A	185mm²	21	27	225	
F.PE0530F03-*A	240mm²	24	30	225	
F.PE0630F01-*A	185mm²	21	27	225	
F.PE0630F02-*A	240mm²	24	30	225	
F.PE0630F03-*A	300mm²	27	32	225	
F.PE0630F04-*A	120mm²	15.5	22	225	
F.PE0630F05-*A	150mm²	19	25	225	

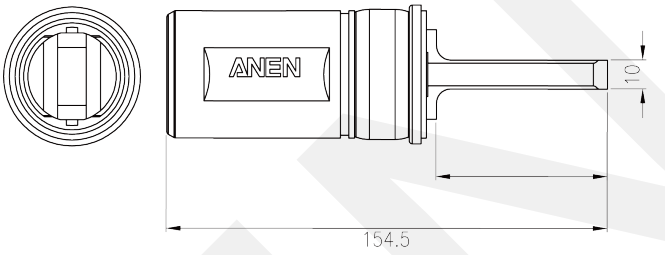
低压快速应急A型母插头
Low-voltage rapid emergency Type A power plug





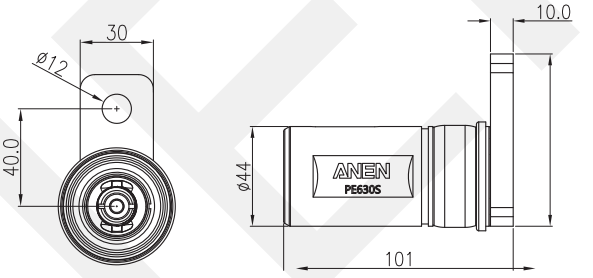
低压快速应急A型母插头(加长款)(Extended)
Low-voltage rapid emergency A-type main plug (extended version)





低压快速应急B型母插头
Low-voltage rapid emergency B-type power plug





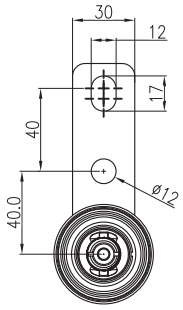
技术参数 Technical parameters

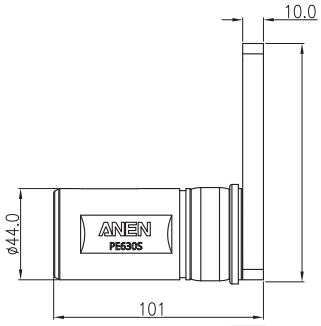
注:铜牌尺寸可定制

产品型号 Product model	PE630S-A	PE630S-B	PE630S-C	PE630S-D	PE630S-E
额定电流(安培) Rated current (Amperes)	630A				
额定电压(伏特) Rated voltage (Volts)	1000V				
接触电阻(微欧) Contact resistance(micro-ohms)	≤25μΩ				
接触材料 Contact material	铜合金镀银 Copper alloy plate with silver				
绝缘材料 Insulation material	PA				
短路电流(千安培) Short circuit current (kiloampere)	16KA/1S 11KA/3S				
额定峰值耐受电流(千安培) Rated peak withstand current	30KA				
额定脉冲电压(千伏特) Rated impulse voltage (kilovolts)	6.6KV				
污染等级 Class of pollution	3				
绝缘电阻 Insulation Resistance	$5x10^{11}\Omega$				
工作温度 Operating temperature	-40°C...+125°C				
绝缘材料阻燃等级 Insulating material flame rating	UL94 V0				
机械寿命 Mechanical life	10000次				

低压快速应急C型母插头
Low-voltage rapid emergency C-type power plug

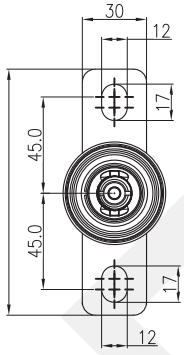


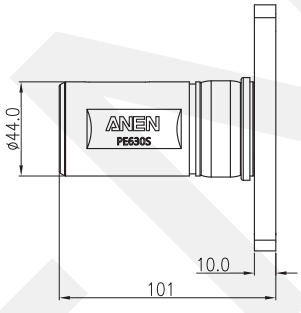




低压快速应急D型母插头
Low-voltage rapid emergency D-type power plug

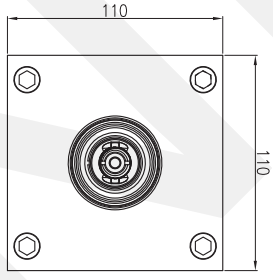


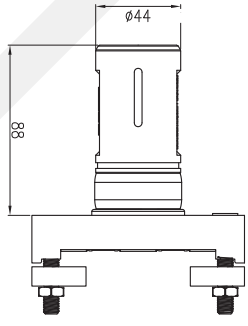




低压快速应急E型母插头
Low-voltage rapid emergency E-type power plug





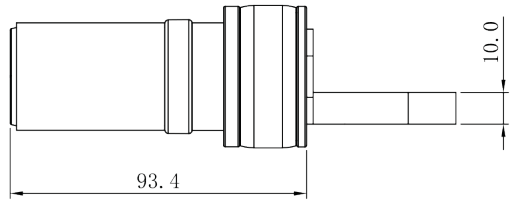


■ 型号 Type

插座料号 Plug P/N	压接套外径Φ(mm) DimensionΦ(mm)	长度(mm) Length(mm)	度高(mm) Height(mm)	胶壳颜色 Housing Color
F.PE0630SAF02-*A	44	143	44	1 2 3 4 5 6 7 8 9
F.PE0630SAF04-*A	44	154.4	60	
F.PE0630SBF02-*A	44	101	76	
F.PE0630SCF02-*A	44	101	115	
F.PE0630SDF02-*A	44	101	115	
F.PE0630SEF02-*A	44	110	125	
F. PE0630SEF03-*A	44	110	125	

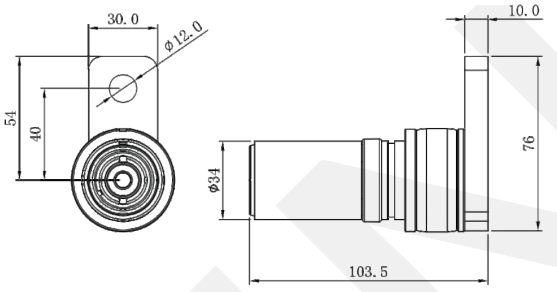
低压快速应急A型公插头
Low-voltage rapid emergency Type A male plug





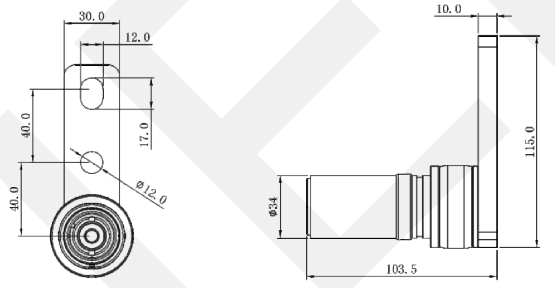
低压快速应急B型公插头
Low-voltage rapid emergency B-type male plug





低压快速应急C型公插头
Low-voltage rapid emergency C-type male plug





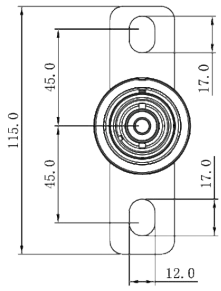
■ 技术参数 Technical parameters

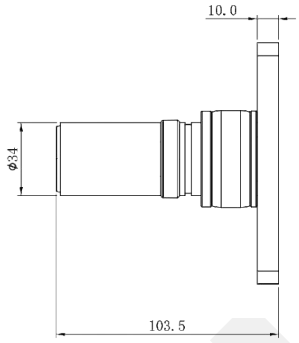
注:铜牌尺寸可定制

产品型号 Product model	PE630T-A	PE630T-B	PE630T-C	PE630T-D	PE630T-E
额定电流(安培) Rated current (Amperes)	630A				
额定电压(伏特) Rated voltage (Volts)	1000V				
接触电阻(微欧) Contact resistance(micro-ohms)	≤25μΩ				
接触材料 Contact material	铜合金镀银 Copper alloy plate with silver				
绝缘材料 Insulation material	PA				
短路电流(千安培) Short circuit current (kiloampere)	16KA/1S 11KA/3S				
额定峰值耐受电流(千安培) Rated peak withstand current	30KA				
额定脉冲电压(千伏特) Rated impulse voltage (kilovolts)	6.6KV				
污染等级 Class of pollution	3				
绝缘电阻 Insulation Resistance	$5x10^{11}\Omega$				
工作温度 Operating temperature	-40°C...+125°C				
绝缘材料阻燃等级 Insulating material flame rating	UL94 V0				
机械寿命 Mechanical life	10000次				

低压快速应急D型公插头
Low-voltage rapid emergency D-type male plug

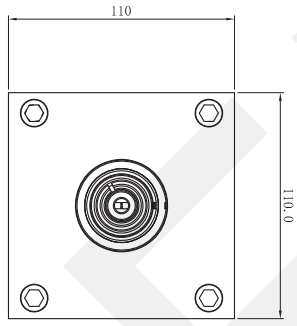


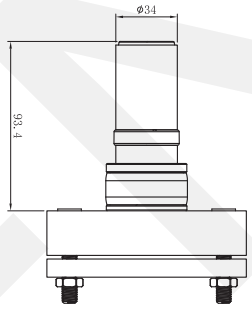




低压快速应急E型公插头
Low-voltage rapid emergency E-type male plug







型号 Type

插座料号 Plug P/N	压接套外径Φ(mm) DimensionΦ(mm)	长度(mm) Length(mm)	度高(mm) Height(mm)	胶壳颜色 Housing Color
F.PE0630TAM02-*A	33	40	33	1 2 3 4 5 6 7 8 9
F.PE0630TBM02-*A	34	103	76	
F.PE0630TCM02-*A	34	103	115	
F.PE0630TDM02-*A	34	103	115	
F.PE0630TEM02-*A	34	110	130	

配件工具 Accessories and Tools

连接器拆解退针工具
Connector disassembly and needle withdrawal tool



紧固头锁紧扳手
Fastening head locking wrench



充电式户外压接钳
Rechargeable outdoor crimping pliers



手动液压钳
Manual hydraulic pliers

