



Mil-C-5015 Series US Military Standard Connector

fadeya (shanghai) co . , Ltd

FADEYA

Automation Package Solution



Handling



Grabbing



Assembly



Demonstration



Welding



Sorting



Palletizing



Deburring



5015 美军标系列

MIL-C-5015 Military connector

目录 CONTENT

主要技术性能 Technical parameter	01-05	美军标5015壳体 20 Mil-C-5015 Shell 20	15-17
美军标5015壳体 10SL Mil-C-5015 Shell 10SL	06-06	美军标5015壳体 22 Mil-C-5015 Shell 22	18-20
美军标5015壳体 12S Mil-C-5015 Shell 12S	07-07	美军标5015壳体 24 Mil-C-5015 Shell 24	21-23
美军标5015壳体 14S Mil-C-5015 Shell 14S	08-09	美军标5015壳体 28 Mil-C-5015 Shell 28	24-27
美军标5015壳体 16S Mil-C-5015 Shell 16S	10-11	美军标5015壳体 32 Mil-C-5015 Shell 32	28-30
美军标5015壳体 16 Mil-C-5015 Shell 16	12-12	美军标5015壳体 36 Mil-C-5015 Shell 36	31-32
美军标5015壳体 18 Mil-C-5015 Shell 18	13-14		

Mil-C-5015 系列连接器符合美军标Mil-C-5015标准(GJB600)，产品采用高强铝合金壳体，螺纹连接，有防误插键槽，多种键位区分，**耐高温高电压合成橡胶内芯**，有焊接式和压接式，设计简单实用，性价比高，应用于工业机器设备，军事装备,国防设备,船舶设备，汽车，仪器仪表以及伺服电机等行业。可完全替代欧美同类产品。

特点

耐高电压；易焊接；高性价比；重量轻，规格多；焊接式和压接式；良好的密封性能，耐腐蚀防水IP67；良好的导电性能和机械强度。

Mil-C-5015 series connectors conform to US military Mil-C-5015 standard (GJB600), with high strength Aluminum Alloy shell, **Synthetic rubber insulator**, threaded coupling, Alternate insert positioning, solder and crimping terminal, low cost, simple and practical design, widely used in industrial machinery and equipment, military , defense equipment, marine , automobile industry, instrument and servo motor etc. Our connectors can replace European and American similar products.

Features

High quality,high withstanding voltage, high reliability;low cost;light weight, different size;solder and crimping type;good sealing performance, waterproof IP67;corrosion resistance; hard dielectric inserts;good electrical conductivity and mechanical strength.

壳体类型	Shell styles: 5
壳 体	Shell Size: 10SL 12S 14S 16S 16 18 20 22 24 28 32 36
芯 数	Contacts Number: 1 2 3 4 5 6 7...52 54 64

1.主要技术性能

Technical Parameter

工作温度 Operating Temperature	-55℃ ~ +125℃
相对湿度 Relative Humidity	95% at 40℃
振动 Vibration	频率10Hz~2000Hz，加速度147m/s ² 10Hz~2000Hz， Acceleration 147m/s ²
冲击 Impact	加速度490m/s ² Acceleration 490m/s ²
密封性 Hermetic	耐压0.2Mpa Pressure 0.2Mpa
盐雾测试 Salty spray Test	未插合 72H 72H unconnected
合成橡胶绝缘体阻燃等级 Synthetic rubber insulator flame retardant grade	UL94 V-0 220℃

防盐雾、防潮湿、防霉菌性能等，符合EIA364.26和Mil-C-50153.17标准要求
Anti-moisture, salt spray, mould, rain, dust conform to EIA364.26 and Mil-C-5015 3.17.

2.电气性能 Electrical Parameter

接触件规格(AWG) Contacts OD(AWG)	接触件直径 Contacts D(mm)	接触电阻 (mΩ) Contacts resistance	额定电流(A) Rated Current
20	φ 1.0	≤ 10	10
16	φ 1.6	≤ 6	15
12	φ 2.4	≤ 3	30
8	φ 3.6	≤ 1	50
4	φ 5.7	≤ 0.5	80
0	φ 9.1	≤ 0.2	120

	额定电压 (V) Rated Voltage	耐电压 (V) Withstanding Voltage	绝缘电阻 (V) Insulation Resistance
常温常压 Normal	500	5000	≥ 5000
湿热 Damp heat	500	2000	≥ 2000
高温 High Temp	250	1500	≥ 1500

新产品

New



- ✓ 1.更结实的铝合金外壳
- ✓ 2.合成橡胶胶芯，耐电压4000V，耐高温220度
- ✓ 3.焊接电缆更容易，橡胶胶芯不易燃。

New Products

- ✓ 1. More firmer aluminium alloy shell.
- ✓ 2.Synthetic rubber insulator,withstanding voltage 5000V,high temperature to 220℃.
- ✓ 3.wire weld more easier, insulator will not burnout.

老产品

Old



- ✗ 1.外壳不够结实
- ✗ 2.一般的塑料胶芯，耐电压只有2000V，耐高温只有120度。
- ✗ 3.焊接电缆容易燃烧胶芯。

Old Products

- ✗ 1. Common aluminium alloy shell not so firm.
- ✗ 2.Common plastic insulator,withstanding voltage only 2000V. temperature only 120℃.
- ✗ 3.wire weld difficult, insulator will burnout sometime.

3.机械性能

壳 体	高强度铝合金材料 不锈钢
壳体镀层	钝化处理, 镀锌, 军绿色, 银色, 黑色
绝 缘 体	耐高电压, 高温合成橡胶
接 触 性	铜合金镀金
机械寿命	500次

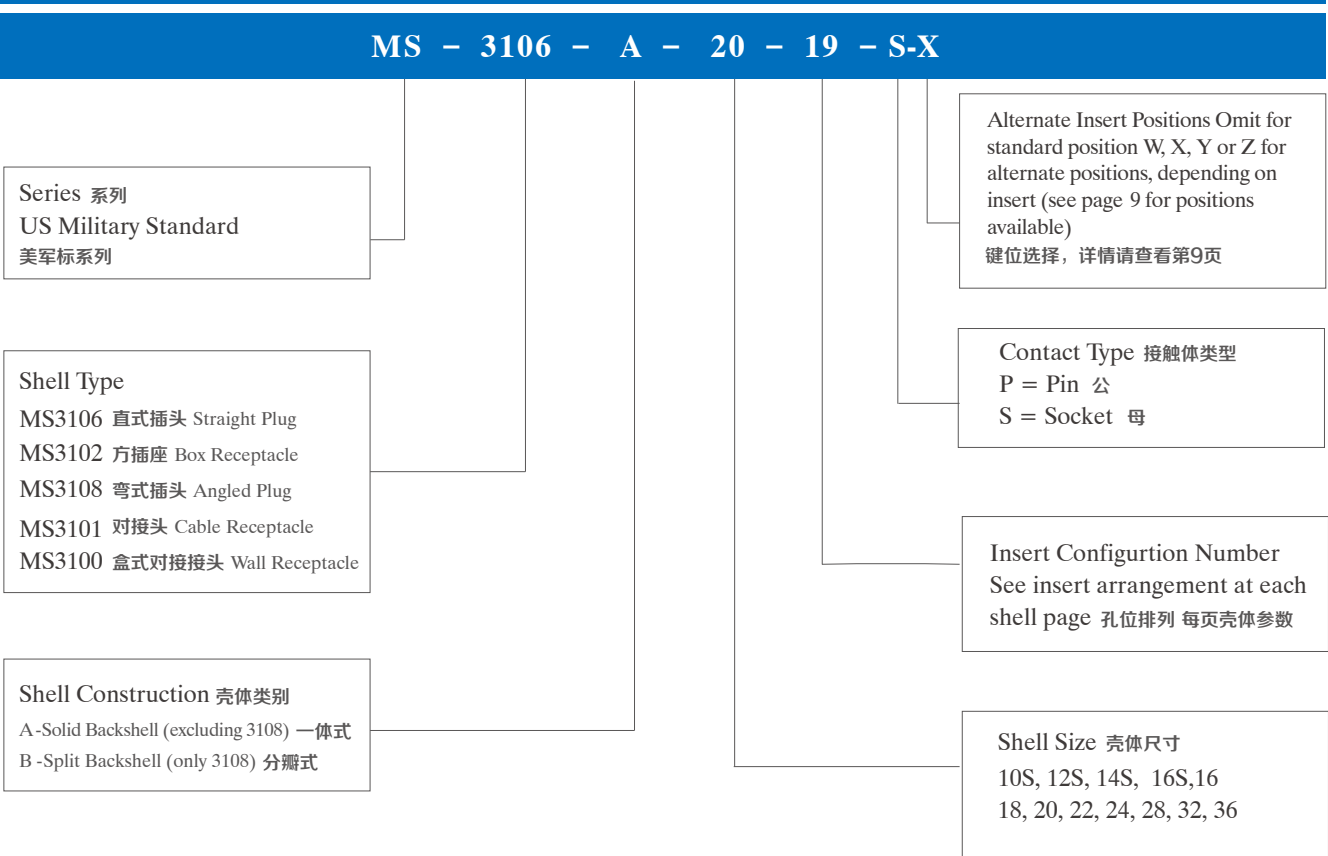
Mechanical Parameter

Shell Material	High strength aluminum alloy
Finish	Passivation, Olive drab Zinc plating, Army Green, black/silver
Insulator	High voltage,high temperature resistant synthetic insulator
Contacts	Copper alloy gold plated
Grommet and seal	Silicon rubber
Endurance	500 cycles

接触件规格Contacts OD		线规格范围 wire specification range			
(AWG)	(mm)	绝缘外径 wire OD	线规 wire size (AWG)	公制 Metric(mm ²)	导体 conductorOD (mm)
20	φ 1.0	1.0-2.0	14-12	1.0max	0.8-1.2
16	φ 1.6	1.6-3.3	20-16	1.3max	1.25-1.70
12	φ 2.4	2.9-4.3	14-12	3.5max	1.95-1.24
8	φ 3.6	4.2-6.5	10-8	8.0max	4.3-4.8
4	φ 5.7	6.9-9.4	6-4	22.0max	5.2-6.0
0	φ 9.1	10.5-14	2-0	50.0max	9.6-10.70

接触件规格(AWG) Contacts OD(AWG)	接触件规格(mm) Contacts OD(mm)	焊线孔径(mm) Solder cup(mm)	压接孔径(mm) Crimp hole(mm)
20	φ 1.0	1.2	0.2-0.5
16	φ 1.6	1.7	0.5-1.5
12	φ 2.4	3.2	1.5-2.5
8	φ 3.6	5.5	2.5-5.0
4	φ 5.7	7.5	5.0-8.0
0	φ 9.1	10.5	8.0-11.00

How to order

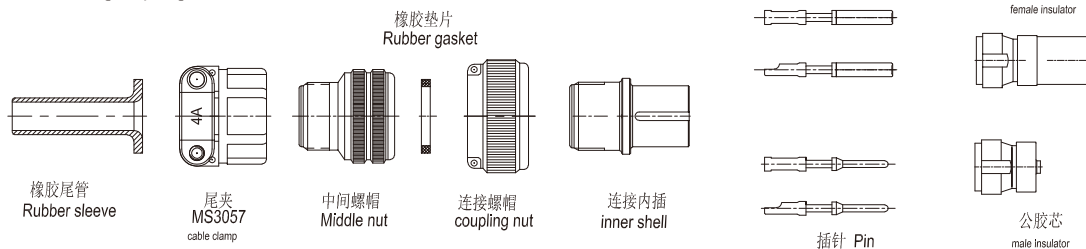


配合指导 Matching Guide

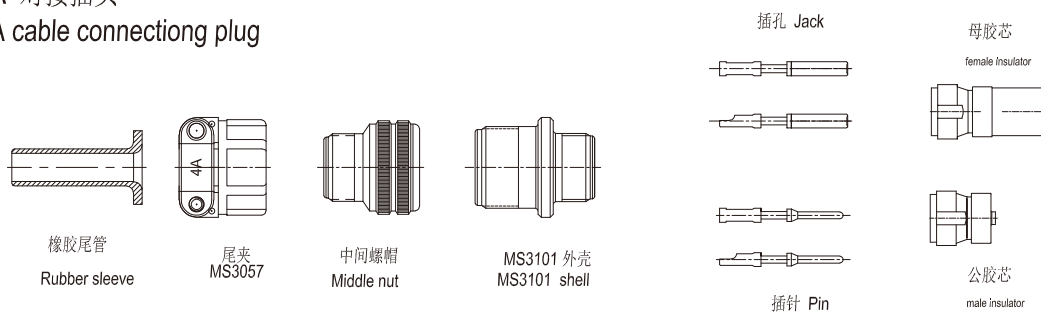


美军标 Mil-C-5015 系列

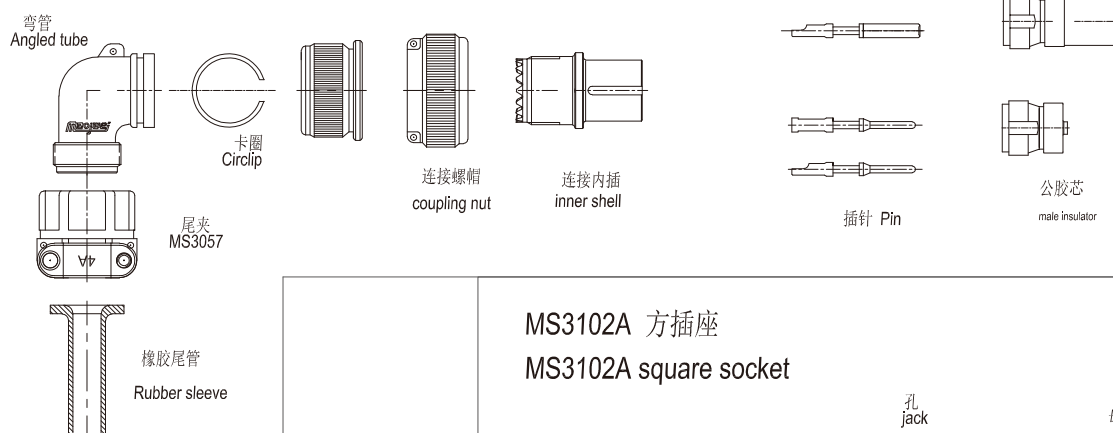
MS3106A 直式插头 MS3106A straight plug



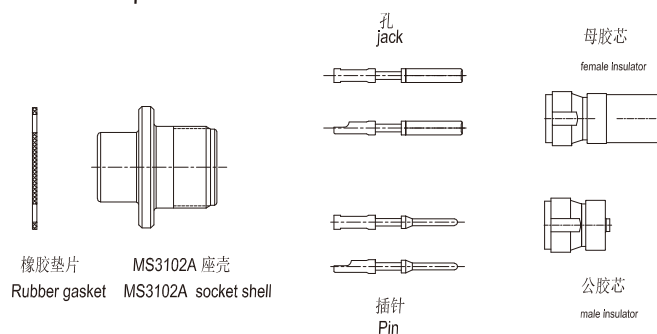
MS3101A 对接插头 MS3101A cable connecting plug



MS3108A 弯式插头 MS3108A angled plug



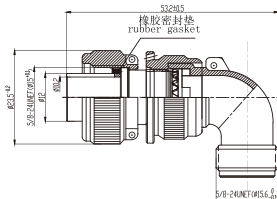
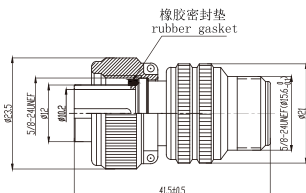
MS3102A 方插座 MS3102A square socket



图例 Photo and Size

MS3106

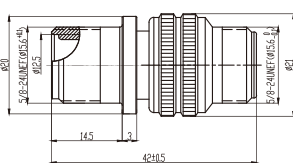
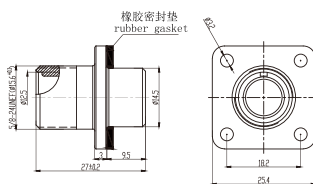
MS3108



MS3102

MS3101

MS3100



Note

- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
- 2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
- 3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-4A ;MS25042-10D,MS25043-10D
- 4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

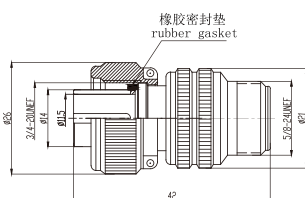
接触体排列及参数

Contacts Arrangement and Technical Parameters

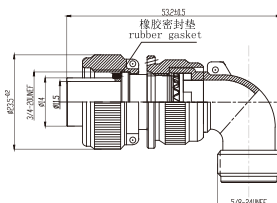
内芯 Insert							
项目 Item							
代号 Code	10SL-1	10SL-2	10SL-3	10SL-4	10SL-5	10SL-7	10SL-6
芯数 No.of contacts	4	1	3	2	5	7	6
使用等级Service rating	A	A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	4*#16	1*#16	3*#16	2*#16	5*#20	7*#20	6*#20
焊杯直径 Solder cup mouth(mm)	1.7	1.7	1.7	1.7	1.2	1.2	1.2
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	15A/500V	15A/500V	10A/500V	10A/500V	10A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6	≤ 6	≤ 6	≤ 6	≤ 10	≤ 10	≤ 10

图例 Photo and Size

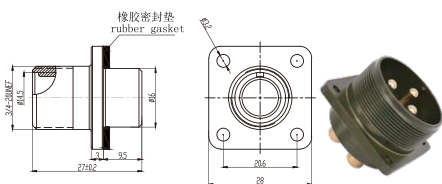
MS3106



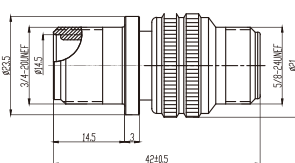
MS3108



MS3102



MS3101



MS3100



Note

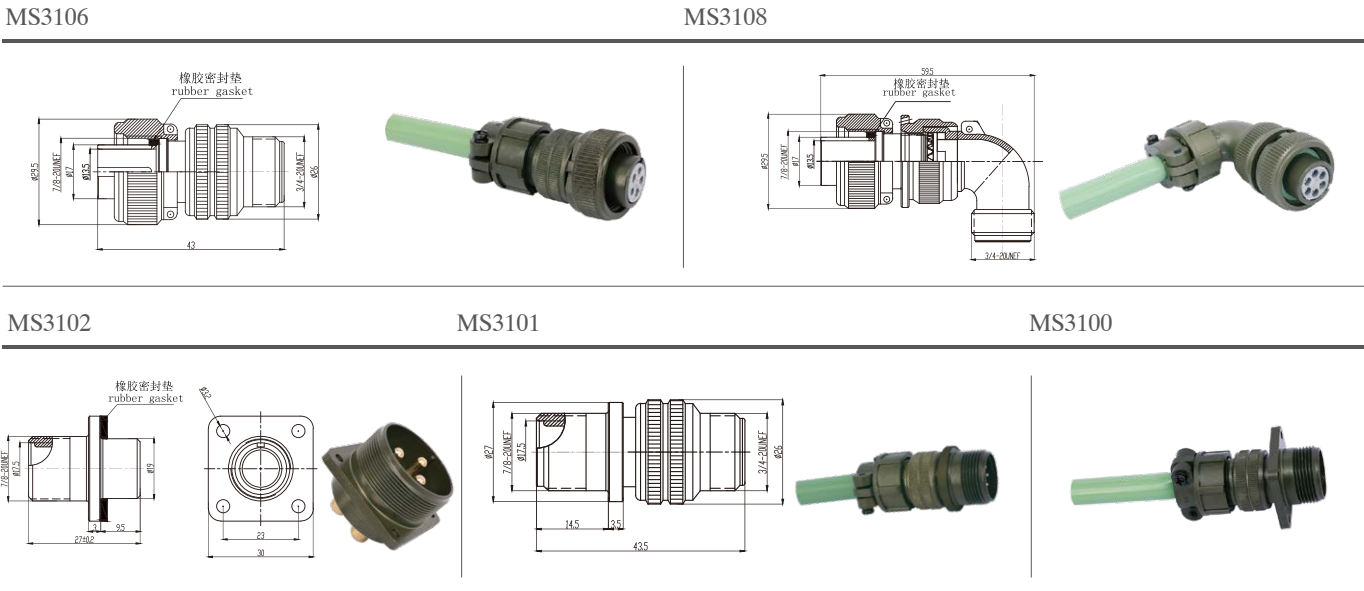
- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-4A ;MS25042-12D,MS25043-12D
4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

接触体排列及参数

Contacts Arrangement and Technical Parameters

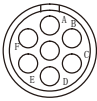
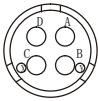
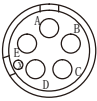
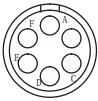
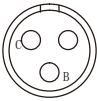
内芯 Insert 项目 Item							
	代号 Code	12S-3	12S-2	12S-10	12S-5	12S-6	12S-7
芯数 No.of contacts	2	3	4	5	6	7	8
使用等级Service rating	A	A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#16	3*#16	4*#16	5*#16	6*#20	7*#20	8*#20
焊杯直径 Solder cup mouth(mm)	1.7	1.7	1.7	1.7	1.2	1.2	1.2
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	15A/500V	15A/500V	10A/500V	10A/500V	10A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6	≤ 6	≤ 6	≤ 6	≤ 10	≤ 10	≤ 10

图例 Photo and Size



- Note**
- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
 - 2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
 - 3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-6A ;MS25042-14D,MS25043-14D
 - 4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

接触体排列及参数
Contacts Arrangment and Technical Parameters

内芯 Insert					
项目 Item					
代号 Code	14S-4	14S-2	14S-5	14S-6	14S-1
芯数 No.of contacts	7	4	5	6	3
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	7*#16	4*#16	5*#16	6*#16	3*#16
焊杯直径 Solder cup mouth(mm)	1.7	1.7	1.7	1.7	1.7
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	15A/500V	15A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6

美军标 Mil-C-5015 系列

内芯 Insert					
项目 Item					
代号 Code	14S-9	14S-10	14S-12	14S-8	14S-7
芯数 No.of contacts	2	10	12	8	3
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#16	10*#20	12*#20	2*#16;6*#20	3*#16
焊杯直径 Solder cup mouth(mm)	1.7	1.2	1.2	1.7;1.2	1.7
额定电流/电压 Rated current/voltage	15A/500V	10A/500V	10A/500V	10A/500V;15A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6	≤10	≤ 10	≤ 6;≤ 10	≤ 6

接第四页技术指标 Following the parameter on Page 4.

内芯键位方向选择 MS Alternate insert Posltions

公插头正面视图或者母插座背面视图 All views are looking into front of pin insert or rear of socket insert.

正常键位
Normal Position

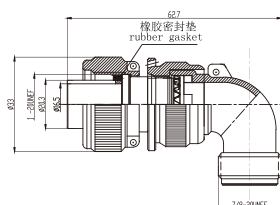
Position W

Position X

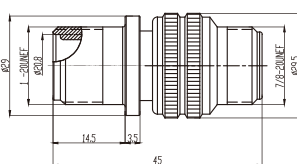
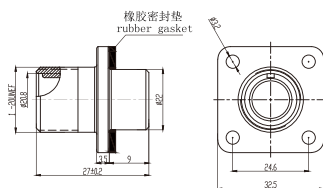
Position Y

Position Z

MS3108

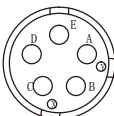
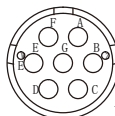
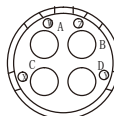
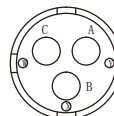
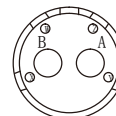
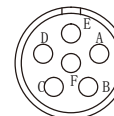


MS3100



1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-8A ;MS25042-16D,MS25043-16D
4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

Contacts Arrangement and Technical Parameters

内芯 Insert 项目 Item							
	代号 Code	16S-8	16S-1	16S-59	16S-6	16S-4	16S-16
芯数 No.of contacts	5	7	4	3	2	6	8
使用等级Service rating	A	A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	5*#16	7*#16	4*#12	3*#12	2*#12	6*#16	8*#16
焊杯直径 Solder cup mouth(mm)	1.7	1.7	3.2	3.2	3.2	1.7	1.7
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	30A/500V	30A/500V	30A/500V	15A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6	≤ 6	≤ 3	≤ 3	≤ 3	≤ 6	≤ 6

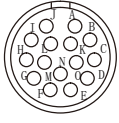
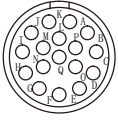
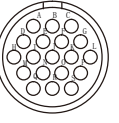
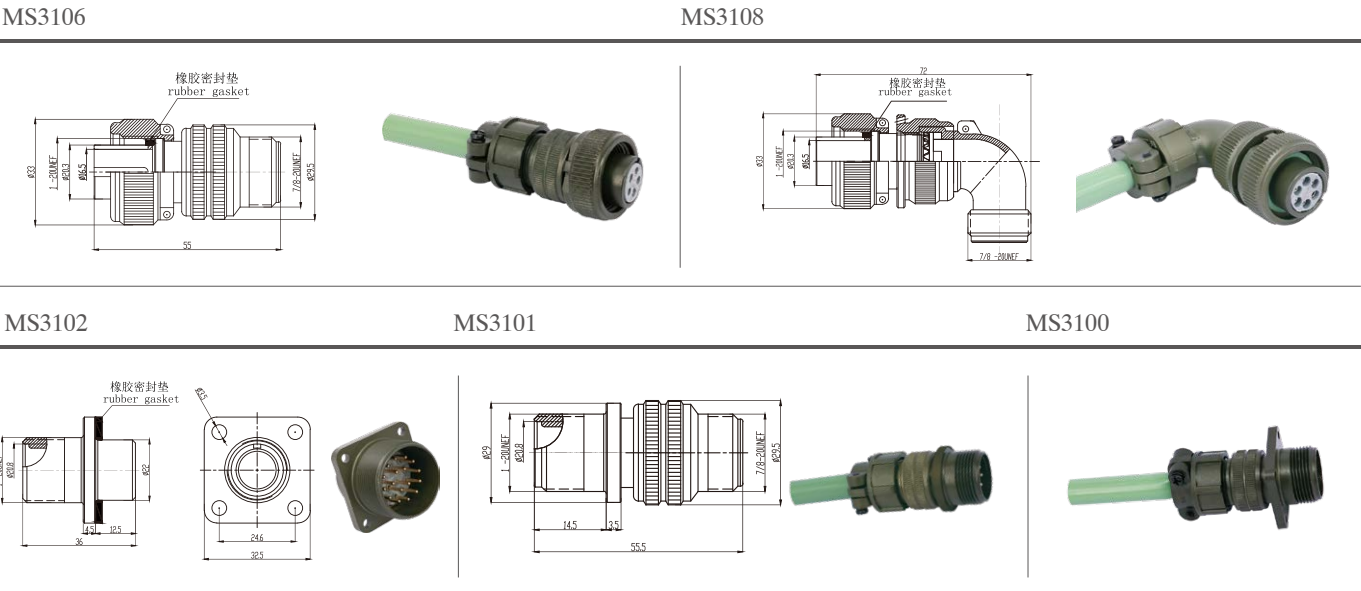
内芯 Insert 项目 Item						
代号 Code	16S-3	16S-12	16S-14	16S-15	16S-17	16S-19
芯数 No.of contacts	10	12	14	15	17	19
使用等级 Service rating	A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	10*#16	12*#20	14*#20	15*#20	17*#20	19*#20
焊杯直径 Solder cup mouth(mm)	1.7	1.2	1.2	1.2	1.2	1.2
额定电流/电压 Rated current/voltage	15A/500V	10A/500V	10A/500V	10A/500V	10A/500V	10A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6	≤10	≤10	≤ 10	≤ 10	≤ 10

图 例 Photo and Size



Note

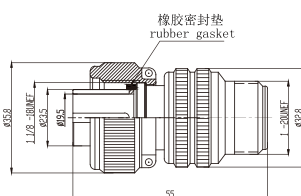
- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
- 2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
- 3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-8A ;MS25042-16D,MS25043-16D
- 4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

接触体排列及参数
Contacts Arrangement and Technical Parameters

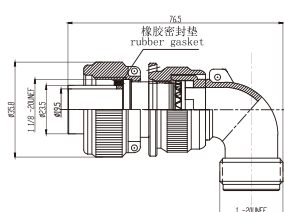
内芯 Insert			
项目 Item			
代号 Code	16-9	16-10	16-11
芯数 No.of contacts	4	3	2
使用等级Service rating	A	A	A
接触及尺寸 Contacts size(AWG)	2*#16;2*#12	3*#12	2*#12
焊杯直径 Solder cup mouth(mm)	1.7; 3.2	3.2	3.2
额定电流/电压 Rated current/voltage	15A/500V;30A/500V	30A/500V	30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6;≤ 3	≤3	≤3

图例 Photo and Size

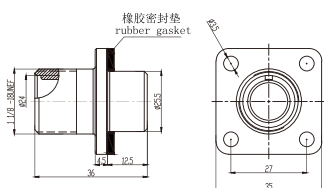
MS3106



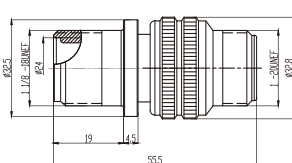
MS3108



MS3102



MS3101



MS3100

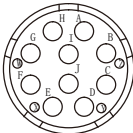
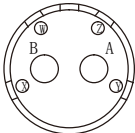
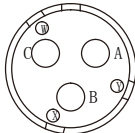
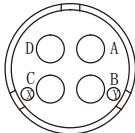
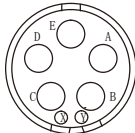
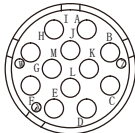


Note

- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-10A ;MS25042-18D,MS25043-18D
4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

接触体排列及参数

Contacts Arrangment and Technical Parameters

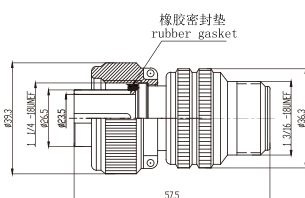
内芯 Insert 项目 Item						
代号 Code	18-1	18-3	18-21	18-10	18-11	18-2
芯数 No.of contacts	10	2	3	4	5	12
使用等级Service rating	A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	10*#16	2*#12	3*#12	4*#12	5*#12	12*#16
焊杯直径 Solder cup mouth(mm)	1.7	3.2	3.2	3.2	3.2	1.7
额定电流/电压 Rated current/voltage	15A/500V	30A/500V	30A/500V	30A/500V	30A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6	≤3	≤3	≤3	≤3	≤ 6

内芯 Insert 项目 Item						
代号 Code	18-8	18-13	18-6	18-9	18-12	18-4
芯数 No.of contacts	8	4	1	7	6	4
使用等级Service rating	A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	1*#12;7*#16	1*#8;3*#12	1*#4	2*#12;5*#16	6*#16	4*#16
焊杯直径 Solder cup mouth(mm)	3.2 ; 1.7	3.2;5.5	7.5	1.7;3.2	1.7	1.7
额定电流/电压 Rated current/voltage	15A/500V; 30A/500V	30A/500V; 50A/500V	80A/500V	15A/500V; 30A/500V	15A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000	5000	5000
接触抗阻 Contact resistance MΩMax	≤ 3;≤ 6	≤1;≤ 3	≤ 0.5	≤ 6;≤ 3	≤ 6	≤ 6

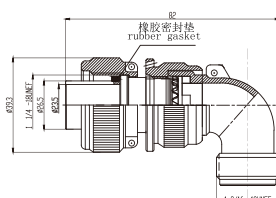
内芯 Insert 项目 Item						
代号 Code	18-5	18-7	18-14	18-15	18-16	18-19
芯数 No.of contacts	3	1	2	4	1	10
使用等级Service rating	A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#12;1*#16	1*#8	1*#16;1*#4	4*#12	1*#12	10*#16
焊杯直径 Solder cup mouth(mm)	1.7;3.2	5.5	1.7;7.5	3.2	3.2	1.7
额定电流/电压 Rated current/voltage	15A/500V; 30A/500V	50A/500V	15A/500V; 80A/500V	30A/500V	30A/500V	30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000	5000	5000
接触抗阻 Contact resistance MΩMax	≤6;≤3	≤1	≤6;≤0.5	≤3	≤3	≤6

图例 Photo and Size

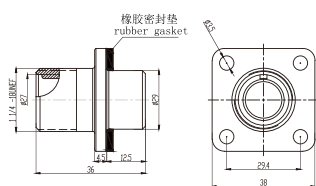
MS3106



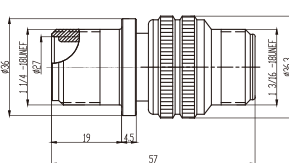
MS3108



MS3102



MS3101



MS3100

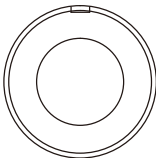
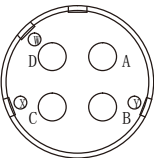
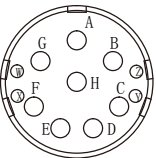
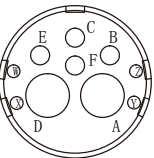
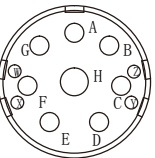


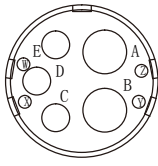
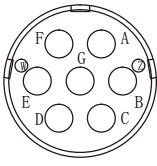
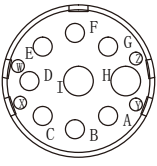
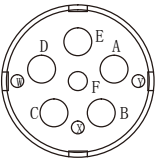
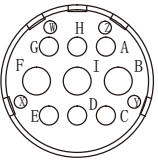
Note

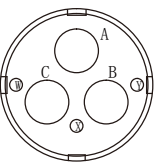
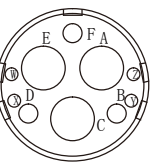
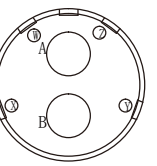
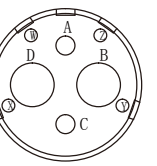
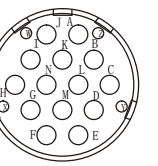
- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-12A ;MS25042-20D,MS25043-20D
4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

接触体排列及参数

Contacts Arrangement and Technical Parameters

内芯 Insert					
项目 Item					
代号 Code	20-2	20-4	20-7	20-8	20-9
芯数 No.of contacts	1	4	8	6	8
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	1*#0	4*#12	8*#16	4*#16;2*#8	7*#16;1*#12
焊杯直径 Solder cup mouth(mm)	10.5	3.2	1.7	1.7;5.5	1.7;3.2
额定电流/电压 Rated current/voltage	120A/500V	30A/500V	15A/500V	15A/500V;50A/500V	15A/500V;30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤0.2	≤3	≤ 6	≤ 6;≤ 1	≤ 6;≤ 3

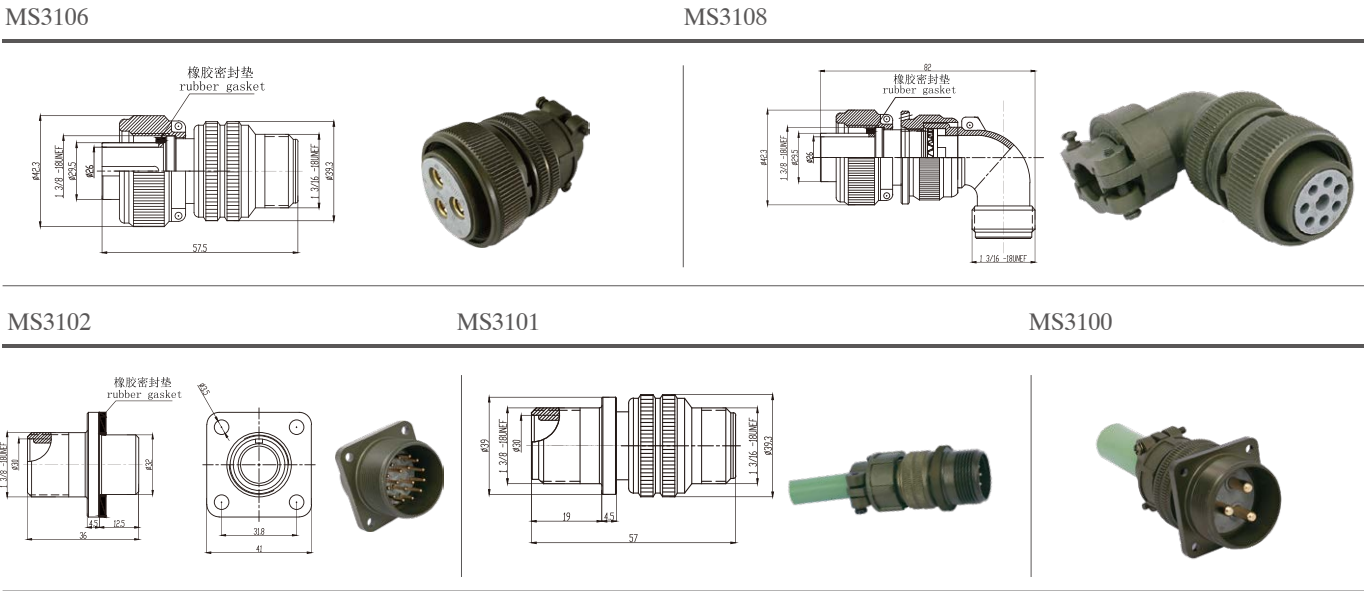
内芯 Insert					
项目 Item					
代号 Code	20-14	20-15	20-16	20-17	20-18
芯数 No.of contacts	5	7	9	6	9
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#8;3*#12	7*#12	7*#16;2*#12	1*#16;5*#12	6*#16;3*#12
焊杯直径 Solder cup mouth(mm)	5.5; 3.2	3.2	1.7 ; 3.2	1.7; 3.2	1.7;3.2
额定电流/电压 Rated current/voltage	50A/500V ;30A/500V	30A/500V	15A/500V;30A/500V	15A/500V;30A/500V	15A/500V;30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤1;≤3	≤3	≤6;≤3	≤ 6;≤ 3	≤6 ;≤3

内芯 Insert					
项目 Item					
代号 Code	20-19	20-22	20-23	20-24	20-27
芯数 No.of contacts	3	6	2	4	14
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	3*#8	3*#8;3*#16	2*#8	2*#8;2*#16	14*#16
焊杯直径 Solder cup mouth(mm)	5.5	5.5; 1.7	5.5	5.5;1.7	1.7
额定电流/电压 Rated current/voltage	50A/500V	50A/500V;15A/500V	50A/500V	50A/500V ;15A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤1	≤6;≤1	≤1	≤6;≤1	≤6

内芯 Insert 项目 Item					
代号 Code	20-29	20-33	20-13	20-48	20-88
芯数 No.of contacts	17	11	4	19	8
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	17*#16	11*#16	4*#8	19*#16	8*#12
焊杯直径 Solder cup mouth(mm)	1.7	1.7	5.5	1.7	3.2
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	50A/500V	15A/500V	30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤6	≤6	≤1	≤6	≤3

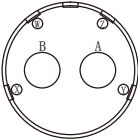
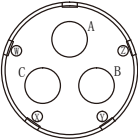
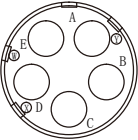
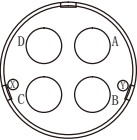
内芯 Insert 项目 Item				
代号 Code	20-1	20-20	20-21	20-31
芯数 No.of contacts	10	15	9	4
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	10*#16	15*#16	8*#16;1*#12	1*#12;3*#8
焊杯直径 Solder cup mouth(mm)	1.7	1.7	1.7;3.2	3.2;5.5
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	15A/500V; 30A/500V	30A/500V; 50A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤6	≤6	≤6;≤3	≤3;≤1

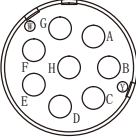
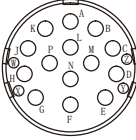
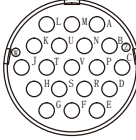
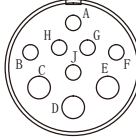
图例 Photo and Size

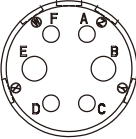
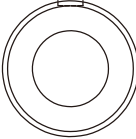
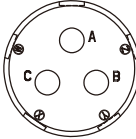
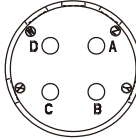


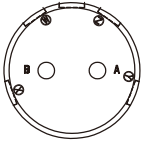
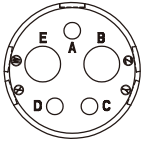
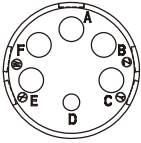
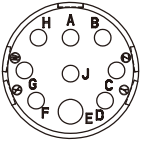
- Note**
- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
 - 2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
 - 3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-12A ;MS25042-22D,MS25043-22D
 - 4.Zinc plated Army green , Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

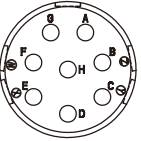
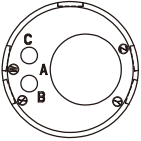
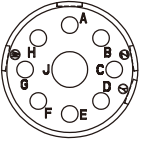
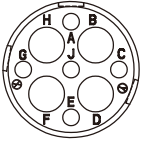
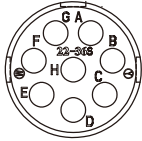
接触体排列及参数
Contacts Arrangement and Technical Parameters

内芯 Insert				
项目 Item				
代号 Code	22-1	22-2	22-4	22-22
芯数 No.of contacts	2	3	5	4
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#8	3*#8	5*#8	4*#8
焊杯直径 Solder cup mouth(mm)	5.5	5.5	5.5	5.5
额定电流/电压 Rated current/voltage	50A/500V	50A/500V	50A/500V	50A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤1	≤1	≤1	≤1

内芯 Insert				
项目 Item				
代号 Code	22-23	22-19	22-14	22-16
芯数 No.of contacts	8	14	19	9
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	8*#12	14*#16	19*#16	3*#12;6*#16
焊杯直径 Solder cup mouth(mm)	3.2	1.7	1.7	3.2;1.7
额定电流/电压 Rated current/voltage	30A/500V	15A/500V	15A/500V	30A/500V;15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤3	≤6	≤6	≤3;≤6

内芯 Insert				
项目 Item				
代号 Code	22-5	22-7	22-9	22-10
芯数 No.of contacts	6	1	3	4
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	4*#16;2*#12	1*#0	3*#12	4*#16
焊杯直径 Solder cup mouth(mm)	1.7;3.2	10.5	3.2	1.7
额定电流/电压 Rated current/voltage	15A/500V;30A/500V	120A/500V	30A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000
接触抗阻 Contact resistance MΩMax	≤6;≤3	≤6;≤3	≤6;≤3	≤6;≤3

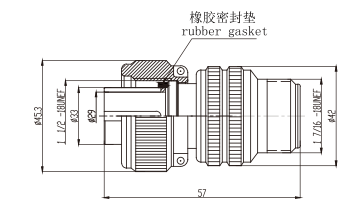
内芯 Insert				
项目 Item				
代号 Code	22-11	22-12	22-15	22-17
芯数 No.of contacts	2	5	6	6
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#16	3*#16;1*#8	5*#16;1*#12	8*#16;1*#12
焊杯直径 Solder cup mouth(mm)	1.7	1.7;5.5	1.7;3.2	1.7;3.2
额定电流/电压 Rated current/voltage	15A/500V	15A/500V;50A/500V	15A/500V;30A/500V	15A/500V;30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000
接触抗阻 Contact resistance MΩMax	≤6;≤3	≤6;≤3	≤6;≤3	≤6;≤3

内芯 Insert					
项目 Item					
代号 Code	22-18	22-21	22-27	22-29	22-36
芯数 No.of contacts	8	3	9	9	8
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	8*#16	2*#16;1*#0	8*#16;1*#12	5*#16;4*#12	8*#12
焊杯直径 Solder cup mouth(mm)	1.7	1.7;10.5	1.7;3.2	1.7;3.2	3.2
额定电流/电压 Rated current/voltage	15A/500V	15A/500V;120A/500V	15A/500V;30A/500V	15A/500V;30A/500V	30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000	5000
接触抗阻 Contact resistance MΩMax	≤6	≤6;≤0.2	≤6;≤3	≤6;≤3	≤3

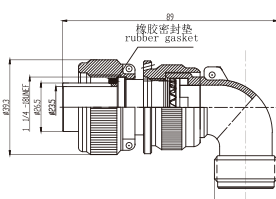
美军标 MIL-C-5015 系列

图例 Photo and Size

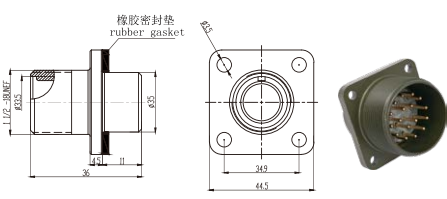
MS3106



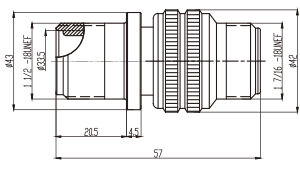
MS3108



MS3102



MS3101



MS3100



Note

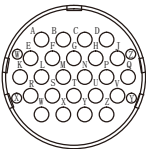
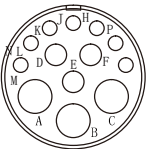
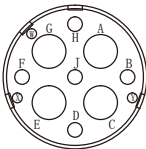
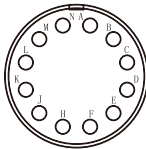
- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
- 2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
- 3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-16A ;MS25042-24D,MS25043-24D
- 4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

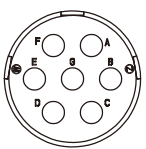
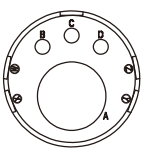
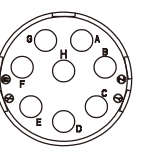
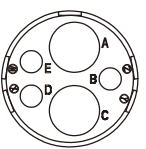
接触体排列及参数

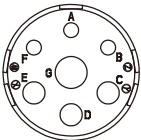
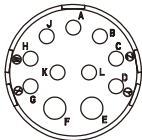
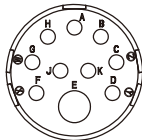
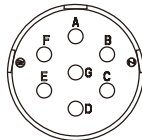
Contacts Arrangement and Technical Parameters

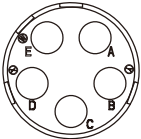
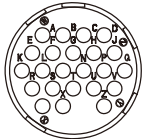
内芯 Insert				
项目 Item				
代号 Code	24-7	24-10	24-11	24-22
芯数 No.of contacts	16	7	9	4
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	14*#16;2*#12	7*#8	3*#8;6*#12	4*#8
焊杯直径 Solder cup mouth(mm)	1.7;3.2	5.5	5.5;3.2	5.5
额定电流/电压 Rated current/voltage	15A/500V;30A/500V	50A/500V	50A/500V;30A/500V	50A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6;≤ 3	≤1	≤1;≤3	≤1

美军标 MIL-C-5015 系列

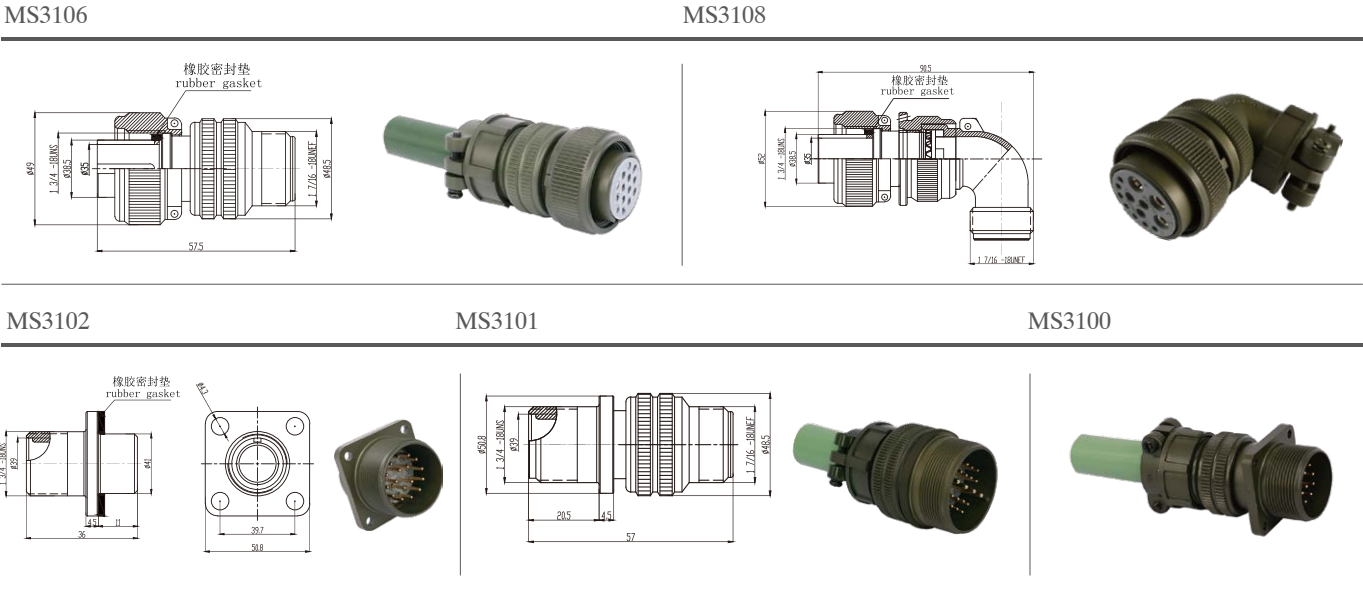
内芯 Insert				
项目 Item				
代号 Code	24-28	24-58	24-88	24-19
芯数 No.of contacts	24	13	9	12
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	24*#16	3*#8 / 3*#12 / 7*#16	4*#8 / 5*#12	12*#16
焊杯直径 Solder cup mouth(mm)	1.7	5.5 / 3.2 / 1.7	5.5 / 3.2	1.7
额定电流/电压 Rated current/voltage	15A/500V	50A/500V / 30A/500V 15A/500V	50A/500V / 30A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘电阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000
接触电阻 Contact resistance (MΩMax)	≤6	≤1;≤3;≤6	≤1;≤3	≤6

内芯 Insert				
项目 Item				
代号 Code	24-2	24-4	24-6	24-12
芯数 No.of contacts	7	4	8	5
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	7*#12	3*#16;1*#0	8*#12	3*#12;2*#4
焊杯直径 Solder cup mouth(mm)	3.2	1.7;10.5	3.2	3.2;7.5
额定电流/电压 Rated current/voltage	30A/500V	15A/500V;12A/500V	30A/500V	30A/500V;80A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘电阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000
接触电阻 Contact resistance MΩMax	≤3	≤6;≤0.2	≤3	≤3;≤0.5

内芯 Insert				
项目 Item				
代号 Code	24-16	24-20	24-21	24-27
芯数 No.of contacts	7	11	10	7
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	3*#16;3*#12;1*#8	9*#16;2#12	9*#16;1*#8	7*#16
焊杯直径 Solder cup mouth(mm)	1.7;3.2;5.5	1.7;3.2	1.7;5.5	1.7
额定电流/电压 Rated current/voltage	15A/500V;30A/500V; 50A/500V	15A/500V;30A/500V	15A/500V;50A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000
接触抗阻 Contact resistance MΩMax	≤6;≤3;≤1	≤6;≤3	≤6;≤1	≤6

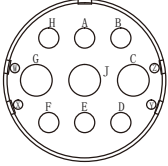
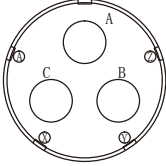
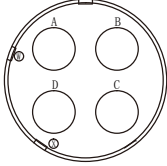
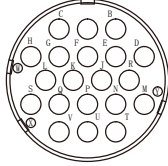
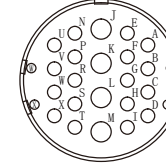
内芯 Insert			
项目 Item			
代号 Code	24-53	24-80	
芯数 No.of contacts	5	23	
使用等级Service rating	A	A	
接触及尺寸 Contacts size(AWG)	5*#8	23*#16	
焊杯直径 Solder cup mouth(mm)	5.5	1.7	
额定电流/电压 Rated current/voltage	50A/500V	15A/500V	
工作电压 Operating voltage(AC.V)	500V	500V	
耐电压 withstand voltage(AC.V 1min)	5000	5000	
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	
接触抗阻 Contact resistance MΩMax	≤1	≤6	

图例 Photo and Size

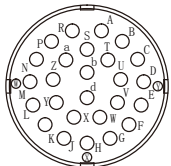
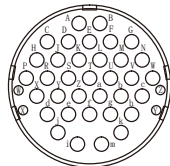
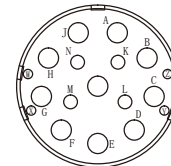
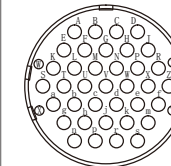
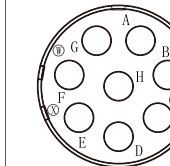


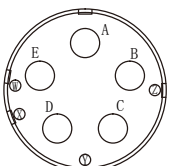
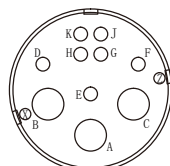
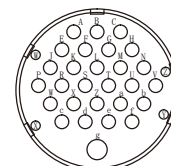
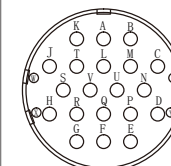
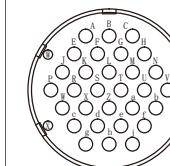
- Note**
- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
 - 2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
 - 3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-16A ;MS25042-28D,MS25043-28D
 - 4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

接触体排列及参数
Contacts Arrangement and Technical Parameters

内芯 Insert					
项目 Item					
代号 Code	28-1	28-6	28-14	28-08	28-11
芯数 No.of contacts	9	3	4	20	22
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	3*#8;6*#12	3*#4	4*#4	20*#12	18*#16;4*#12
焊杯直径 Solder cup mouth(mm)	5.5;3.2	7.5	7.5	3.2	1.7;3.2
额定电流/电压 Rated current/voltage	50A/500V;30A/500V	80A/500V	80A/500V	30A/500V	15A/500V; 30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤1;≤3	≤0.5	≤0.5	≤3	≤ 6; ≤ 3

美军标 Mil-C-5015 系列

内芯 Insert					
项目 Item					
代号 Code	28-12	28-15	28-20	28-21	28-7
芯数 No.of contacts	26	35	14	37	8
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	26*#16	35*#16	4*#16 / 10*#12	37*#16	8*#8
焊杯直径 Solder cup mouth(mm)	1.7	1.7	1.7 / 3.2	1.7	5.5
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	15A/500V / 30A/500V	15A/500V	50A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤6	≤6	≤6 / ≤3	≤6	≤1

内芯 Insert					
项目 Item					
代号 Code	28-26	28-07	28-28	28-16	28-30
芯数 No.of contacts	5	13	28	20	30
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	5*#8	3*#8; 7*#16	27*#16; 1*#12	20*#16	30*#16
焊杯直径 Solder cup mouth(mm)	5.5	5.5 ; 1.7	1.7; 3.2	1.7	1.7
额定电流/电压 Rated current/voltage	50A/500V	50A/500V; 15A/500V	15A/500V ; 30A/500V	15A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤1	≤1; ≤6	≤6; ≤3	≤6	≤6

内芯 Insert					
项目 Item					
代号 Code	28-9	28-51	28-2	28-3	28-4
芯数 No.of contacts	12	10	14	3	9
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	6*#16;6*#12	10*#12	10*#16;2*#12	3*#8	7*#16;2*#12
焊杯直径 Solder cup mouth(mm)	1.7;3.2	3.2	1.7;3.2	5.5	1.7;3.2
额定电流/电压 Rated current/voltage	15A/500V;30A/500V	30A/500V	15A/500V;30A/500V	50A/500V	15A/500V;30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘电阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000	5000
接触电阻 Contact resistance MΩMax	≤6;≤3	≤3	≤6;≤3	≤1	≤6;≤3

内芯 Insert					
项目 Item					
代号 Code	28-5	28-8	28-10	28-17	28-18
芯数 No.of contacts	5	12	7	15	12
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#16;1*#12;2*#4	10*#16;2*#12	3*#12;2*#8;2*#4	15*#16	12*#16
焊杯直径 Solder cup mouth(mm)	1.7;3.2;7.5	1.7;3.2	3.2;5.5;7.5	1.7	1.7
额定电流/电压 Rated current/voltage	15A/500V;30A/500V 80A/500V	15A/500V;30A/500V	30A/500V;50A/500V 80A/500V	15A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘电阻 Insulation resistance(MΩ 500V)	5000	5000	5000	5000	5000
接触电阻 Contact resistance MΩMax	≤6;≤3;≤0.5	≤6;≤3	≤3;≤1;≤0.5	≤6	≤6

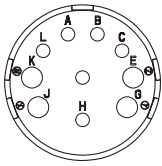
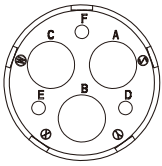
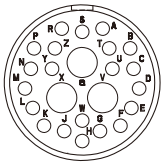
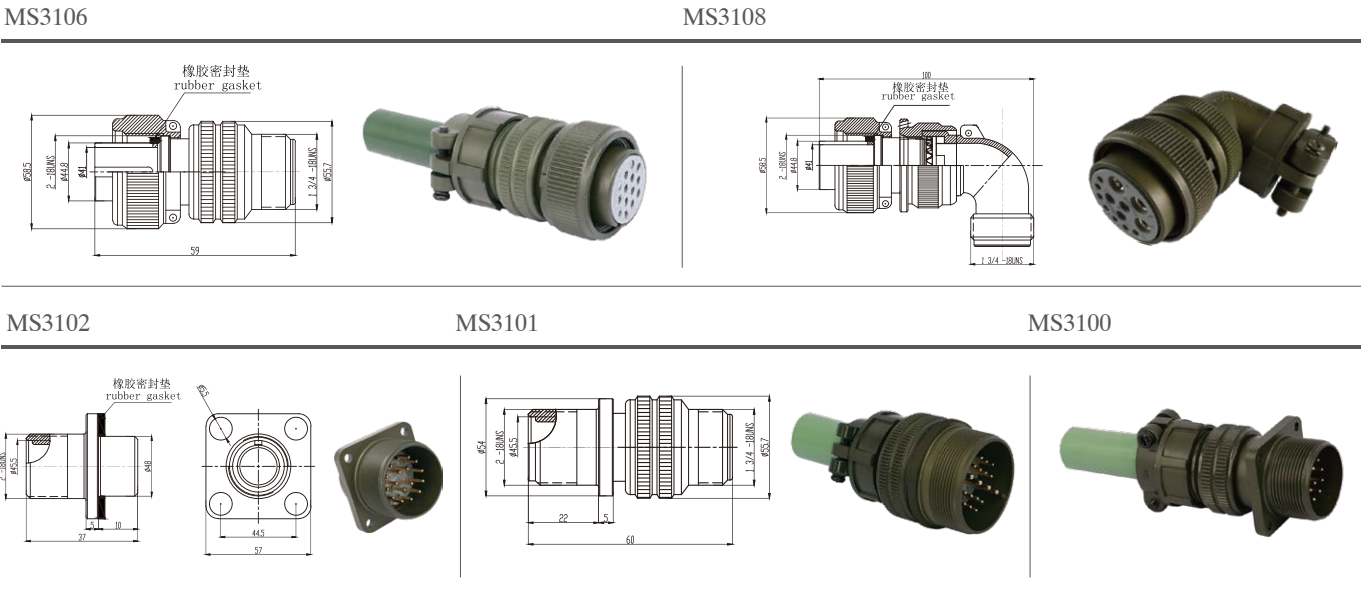
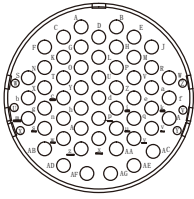
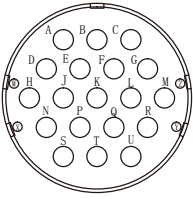
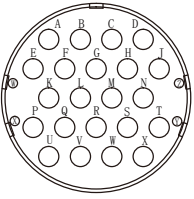
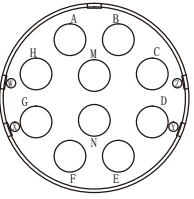
内芯 Insert					
项目 Item					
代号 Code	28-19	28-22	28-23		
芯数 No.of contacts	10	6	24		
使用等级Service rating	A	A	A		
接触及尺寸 Contacts size(AWG)	6*#16;4*#12	3*#16;3*#4	21*#16;3*#8		
焊杯直径 Solder cup mouth(mm)	1.7;3.2	1.7;7.5	1.7;7.5		
额定电流/电压 Rated current/voltage	15A/500V;30A/500V	15A/500V;80A/500V	15A/500V;50A/500V		
工作电压 Operating voltage(AC.V)	500V	500V	500V		
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000		
绝缘抗阻 Insulation resistance(MΩ 500V)	5000	5000	5000		
接触抗阻 Contact resistance MΩMax	≤6;≤3	≤6;≤0.5	≤6;≤1		

图 例 Photo and Size



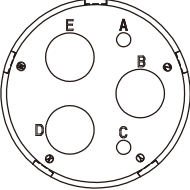
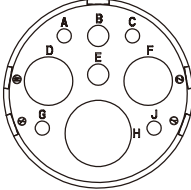
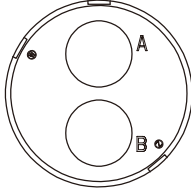
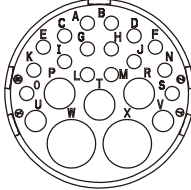
- Note**
- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
 - 2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
 - 3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-20A ;MS25042-32D,MS25043-32D
 - 4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

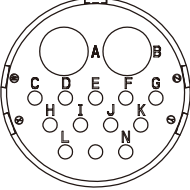
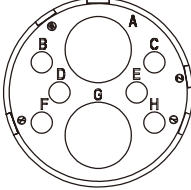
接触体排列及参数
Contacts Arrangement and Technical Parameters

内芯 Insert				
项目 Item				
代号 Code	32-22	32-76	32-21	32-14
芯数 No.of contacts	54	19	22	10
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	54*#16	19*#12	22*#12	10*#8
焊杯直径 Solder cup mouth(mm)	1.7	3.2	3.2	5.5
额定电流/电压 Rated current/voltage	15A/500V	30A/500V	30A/500V	50A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤6	≤3	≤3	≤1

内芯 Insert				
项目 Item				
代号 Code	32-7	32-13	32-17	32-73
芯数 No.of contacts	35	23	4	46
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	28*#16; 7*#12	18*#16; 5*#12	4*#4	46*#16
焊杯直径 Solder cup mouth(mm)	1.7; 3.2	1.7; 3.2	7.5	1.7
额定电流/电压 Rated current/voltage	15A/500V; 30A/500V	15A/500V; 30A/500V	80A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤ 6; ≤ 3	≤ 6; ≤ 3	≤0.5	≤6

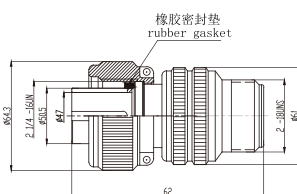
内芯 Insert				
项目 Item				
代号 Code	32-63	32-31	32-8	32-1
芯数 No.of contacts	8	31	30	5
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	8*#8	31*#16	24*#16; 6*#12	3*#12; 2*#0
焊杯直径 Solder cup mouth(mm)	5.5	1.7	1.7; 3.2	3.2; 10.5
额定电流/电压 Rated current/voltage	50A/500V	15A/500V	15A/500V; 30A/500V	30A/500V; 120A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤1	≤6	≤ 6; ≤ 3	≤3; ≤0.1

内芯 Insert				
项目 Item				
代号 Code	32-2	32-3	32-5	32-6
芯数 No.of contacts	3	9	2	23
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#16;3*#4	4*#16;2*#12; 2*#4;1*#0	2*#0	16*#16;2*#12; 3*#8;2*#4
焊杯直径 Solder cup mouth(mm)	1.7;7.5	1.7;3.2;7.5;10.5	10.5	10.5
额定电流/电压 Rated current/voltage	15A/500V;80A/500V	15A/500V;30A/500V; 80A/500V;120A/500V	120A/500V	120A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤6;≤0.5	≤6;≤3; ≤0.5;≤0.1	≤0.1	≤0.1

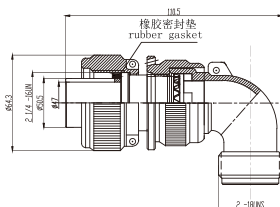
内芯 Insert				
项目 Item				
代号 Code	32-9	32-15		
芯数 No.of contacts	14	8		
使用等级Service rating	A	A		
接触及尺寸 Contacts size(AWG)	12*#16;2*#4	6*#12;2*#0		
焊杯直径 Solder cup mouth(mm)	1.7;7.5	3.2;10.5		
额定电流/电压 Rated current/voltage	15A/500V;80A/500V	30A/500V;120A/500V		
工作电压 Operating voltage(AC.V)	500V	500V		
耐电压 withstand voltage(AC.V 1min)	5000	5000		
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000		
接触抗阻 Contact resistance (MΩMax)	≤6;≤0.5	≤3;≤0.1		

图例 Photo and Size

MS3106



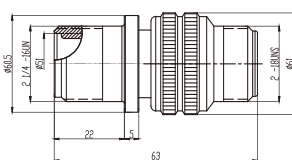
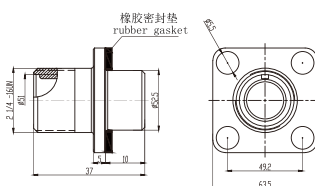
MS3108



MS3102

MS3101

MS3100



Note

- 1.Solder terminal 焊接式,MS3106A MS3108A MS3102A MS3101A MS3100A
- 2.Crimping terminal 压接式,MS4106A MS4108A MS4102A MS4101A MS4100A
- 3.Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-24A ;MS25042-36D,MS25043-36D
- 4.Zinc plated Army green, Silver and Black color option. 电镀默认军绿色, 银色和黑色可选

接触体排列及参数

Contacts Arrangement and Technical Parameters

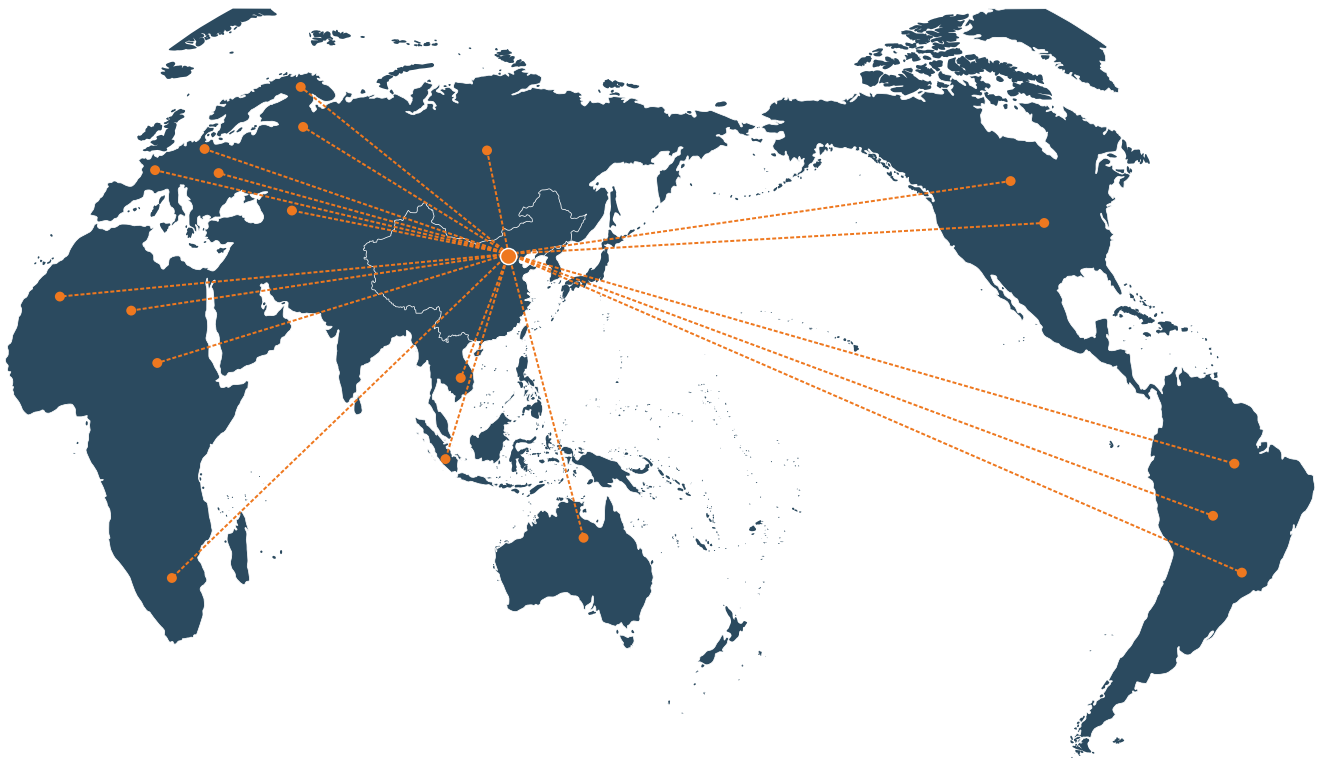
内芯 Insert					
项目 Item					
代号 Code	36-5	36-7	36-11	36-2	36-52
芯数 No.of contacts	5	47	6	7	52
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	5*#0	40*#16; 7*#12	4*#4 ; 2*#12	7*#4	52*#16
焊杯直径 Solder cup mouth(mm)	10.5	1.7; 3.2	7.5; 3.2	7.5	1.7
额定电流/电压 Rated current/voltage	120A/500V	15A/500V; 30A/500V	80A/500V;30A/500V	80A/500V	15A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤0.2	≤ 6; ≤ 3	≤0.5; ≤3	≤0.5	≤6

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内芯 Insert					
项目 Item					
代号 Code	36-10	36-15	36-64	36-31	36-63
芯数 No.of contacts	48	35	64	31	14
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	48*#16	35*#16	64*#16	31*#12	14*#8
焊杯直径 Solder cup mouth(mm)	1.7	1.7	1.7	3.2	5.5
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	15A/500V	30A/500V	50A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤6	≤6	≤6	≤3	≤1

内芯 Insert					
项目 Item					
代号 Code	36-3	36-6	36-8	36-9	36-66
芯数 No.of contacts	6	6	47	31	56
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	3*#0;3*#12	4*#4;2*#0	46*#16;1*#12	14*#16;14*#12; 2*#8;1*#4	52*#16;4*#12
焊杯直径 Solder cup mouth(mm)	10.5;3.2	7.5;10.5	1.7;3.2	1.7;3.2;5.5;7.5	1.7;3.2
额定电流/电压 Rated current/voltage	120A/500V;30A/500V	30A/500V;120A/500V	15A/500V;30A/500V	15A/500V;30A/500V; 80A/500V;120A/500V	15A/500V;30A/500V
工作电压 Operating voltage(AC.V)	500V	500V	500V	500V	500V
耐电压 withstand voltage(AC.V 1min)	5000	5000	5000	5000	5000
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤0.2;≤3	≤3;≤0.1	≤6;≤3	≤6;≤3;≤0.5;≤0.1	≤6;≤3

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