



Mil-C-5015 Series 美军标系列
US Military Standard Connector
17-02-18

宁波建伟电气有限公司
Ningbo Maojwei Electrical Appliance Co., Ltd.

www.maojwei.com

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本公司专业生产全系列美军标航空插头，主要生产Mil-C-5015螺纹式航空插头，VG95234快速卡扣式航空插头，Mil-Dtl-26482小型卡扣式航空插头，Mil-D-58176不锈钢弹珠式快速锁紧插头，另外可根据客户需要定制产品，欢迎洽谈选购。

We are professional manufacturer of US military standard connector,our main products are Mil-C-5015 thread coupling connector, VG95234 reverse bayonet coupling connector, Mil-Dtl-26482 bayonet coupling connector,Mil-D-58176 stainless steel bullet lock fast connector, we also can customize product according to request.Welcome to choose our products.

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公司简介 Company profile

宁波建伟电气有限公司位于宁波西郊高桥，专业生产高品质连接器。主要生产Mil-C-5015螺纹式航空插头，VG95234快速卡扣式航空插头，Mil-Dtl-26482小型卡扣式航空插头，Mil-D-58176不锈钢弹珠式快速锁紧插头。公司拥有先进的生产设备和工艺技术以及先进的检测手段。我公司Maojwei品牌的连接器广泛应用在航天、军工、机电、汽车、仪器仪表以及伺服电机等行业。已经通过ISO:9001:2015质量管理体系认证，取得了CE认证证书及UL认证证书。我们通过科学管理，不断提高产品质量，是国内同行业中的典范，已成为国内连接器领域的领先者之一。

我们的连接器一直坚持以绿色、环保的设计理念，参照国际、国内标准，打造新一代的产品。我们的连接器不仅在国内独树一帜，并且能与日本、韩国、美国、西欧、台湾等国家和地区的名牌连接器实行互换、互联，质量达到同等要求，是众多国内外著名企业的合格供应商。

公司传承重强企业在连接器行业的技术优势和影响力，进一步发扬光大以质量求生存，品质为根，诚信为本。全力专业生产和研发高质量的美军标连接器，努力使Maojwei品牌的军规连接器质量和行业知名度更上一层楼。

Ningbo Maojwei Electrical Appliance Co., Ltd founded in 2006, located in Ningbo China, is a professional manufacturer of circular ,military connectors (plug and socket), produce Mil-C-5015, VG95234, Mil-DTL-26482 US military connector , Mil-D-58176 stainless steel bullet lock fast connector and waterproof plastic connectors. owns advanced production equipment, exquisite technology and advanced testing techniques. The "Maojwei" brand series products are widely used in the aerospace, military, automotive, electric power, mechanical, automation , as well as the electrical service industry. Plant Covers an area of 25000sqm, have 260 staff includes 8 R&D staff. Factory owners lathers, grinders, milling machines, line cutting, EDM molding processing equipments and 5 die casting machine, 11 injection molding machine, 40 precision numerical control machines and other punch , drill machines. We have passed ISO9001: 2015 quality management system certification, as well as CE , UL, Rohs, Reach, CCC, product certification . We adopt scientific management to improve quality. Maojwei has become one of the leaders in domestic connector manufacturing industry. We try to build a new generation of environmentally friendly production line. We design and produce according to international and the U.S. military standard , our products can substitute European , US and Taiwan connectors, own the same quality. Our connectors are sold to Japan, the United States, Western Europe, Taiwan and other countries and regions. We are ready to supply all our old and new customers exquisite technical support and after-sale service.

美军标Mil-C-5015系列

Maojwei 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。

Maojwei 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-5015.17标准要求
Anti-moisture, salt spray, mould, rain, dust conform to EIA364.26 and Mil-C-5015 3.17.



美军标Mil-C-5015系列

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5000V，耐高温220℃
- ✓ 3.焊接电缆更容易，橡胶胶芯不易烧坏。

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80℃。
- ✗ 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 80℃ .
- ✗ 3.wire weld difficult, insulator will burnout sometime.



美军标Mil-C-5015系列

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



美军标Mil-C-5015系列

选型指导 How to order

MS - 3106 - A - 20 - 19 - S

Series 系列
US Military Standard
美军标系列

Shell Type
MS3106 直式插头 Straight Plug
MS3102 方插座 Box Receptacle
MS3108 弯式插头 Angled Plug
MS3101 对接头 Cable Receptacle
MS3100 盒式对接接头 Wall Receptacle

Shell Construction 壳体类别
A-Solid Backshell (excluding 3108) 一体式
B-Split Backshell (only 3108) 分瓣式

Contact Type 接触体类型
P = Pin 公
S = Socket 母

Insert Configuration Number
See insert arrangement at each shell page 孔位排列 每页壳体参数

Shell Size 壳体尺寸
10S, 12S, 14S, 16S, 16
18, 20, 22, 24, 28, 32, 36

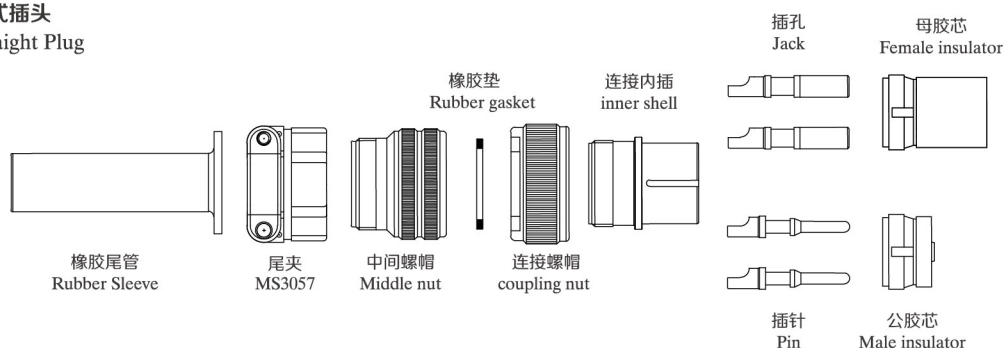
Alternate Insert Positions Omit for standard position W, X, Y or Z for alternate positions, depending on insert (see page 09 for positions available)
键位选择, 见09页详图

配合指导 Matching Guide

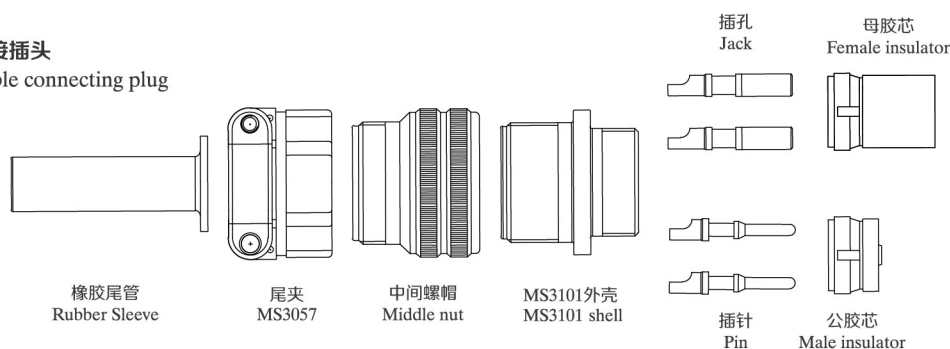


产品配件组装图 Parts Assemble Diagram

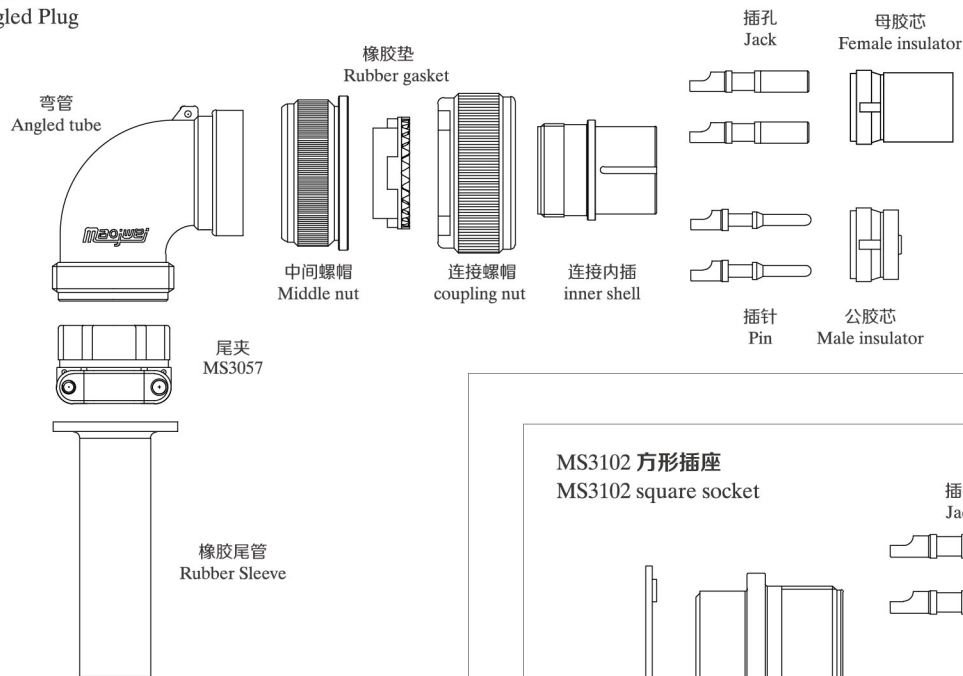
MS3106 直式插头
MS3106 Straight Plug



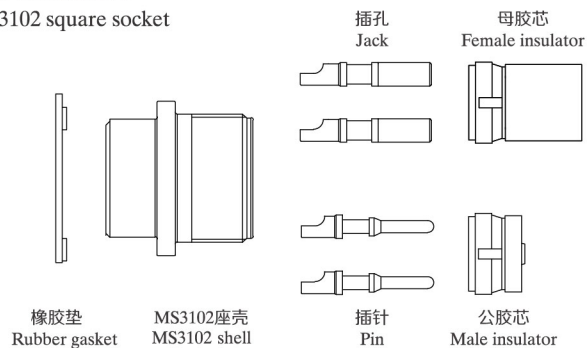
MS3101 对接插头
MS3101 cable connecting plug



MS3108 弯式插头
MS3108 Angled Plug



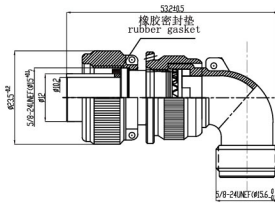
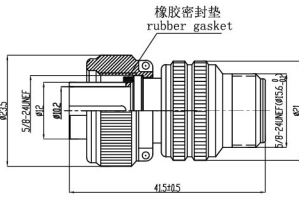
MS3102 方形插座
MS3102 square socket



图例 Photo and Size

MS3106

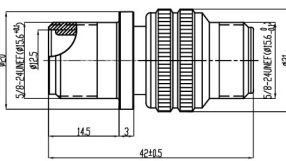
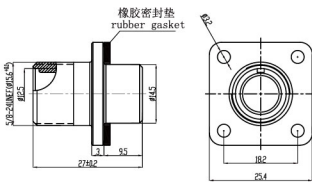
MS3108



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

项目 Item	内芯 Insert							
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	

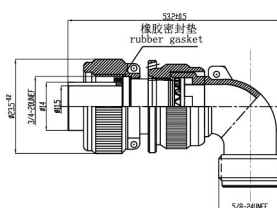
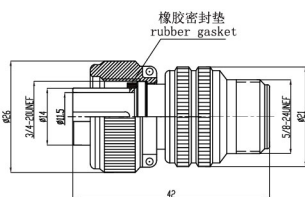


美军标壳体 Shell 12S

图例 Photo and Size

MS3106

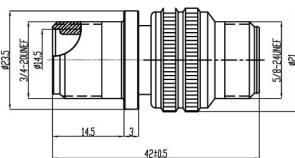
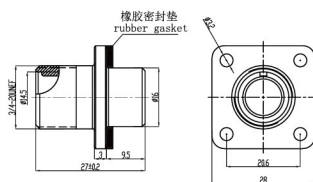
MS3108



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

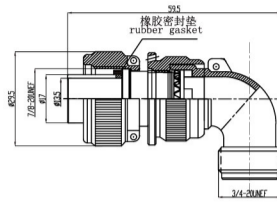
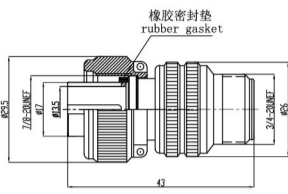
内芯 Insert							
项目 Item							
代号 Code	12S-3	12S-2	12S-4	12S-5	12S-6	12S-7	12S-8
芯数 No.of contacts	2	3	4	5	6	7	8
使用等级Service rating	A	A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#16	3*#16	4*#16	5*#16	6*#20	7*#20	8*#20
焊杯直径 Solder cup mouth(mm)	1.7	1.7	1.7	1.7	1.2	1.2	1.2
额定电流/电压 Rated current/voltage	15A/500V	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

MS3106

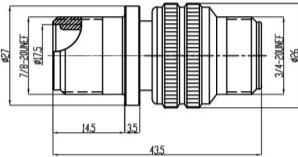
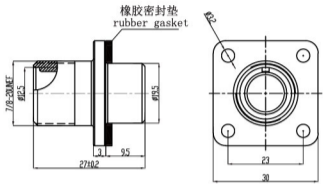
MS3108



MS3102

MS3101

MS3100



Note

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- 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 Arrangement and Technical Parameters

内芯 Insert					
项目 Item					
代号 Code	14S-8	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

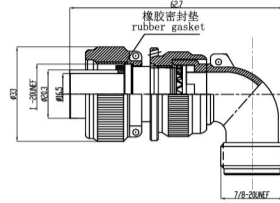
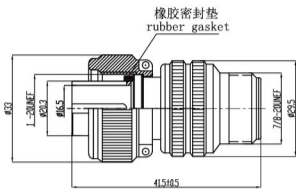
内芯 Insert					
项目 Item					
代号 Code	14S-9	14S-10	14S-12	14S-11	14S-7
芯数 No.of contacts	2	10	12	8	3
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	2*#16	10*#20	12*#20	2*#16;6*#20	3*#16
焊杯直径 Solder cup mouth(mm)	1.7	1.2	1.2	1.7;1.2	1.7
额定电流/电压 Rated current/voltage	15A/500V	10A/500V	10A/500V	10A/500V;15A/500V	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



图例 Photo and Size

MS3106

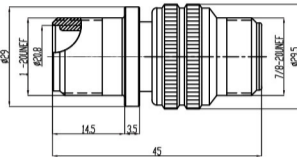
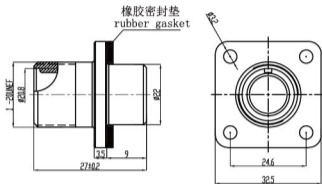
MS3108



MS3102

MS3101

MS3100



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- 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

项目 Item	内芯 Insert							
代号 Code		16S-8	16S-1	16S-59	16S-6	16S-4	16S-16	16S-2
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

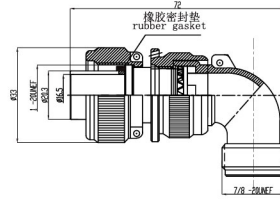
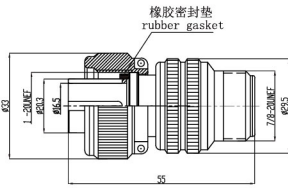
项目 Item	内芯 Insert						
代号 Code		16S-3	16S-12	16S-14	16S-15	16S-17	16S-19
芯数 No.of contacts		10	12	14	15	17	19
使用等级Service rating		A	A	A	A	A	A
接触及尺寸 Contacts size(AWG)		2*#16;8*#20	12*#20	14*#20	15*#20	17*#20	19*#20
焊杯直径 Solder cup mouth(mm)		1.7;1.2	1.2	1.2	1.2	1.2	1.2
额定电流/电压 Rated current/voltage		5A/500V;10A/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	≤ 10



图例 Photo and Size

MS3106

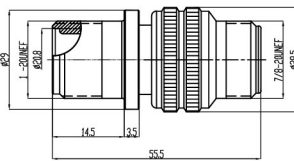
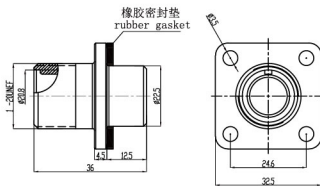
MS3108



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 MS3057-8A ;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

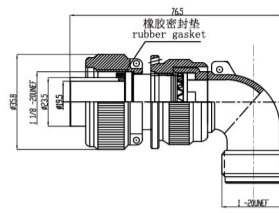
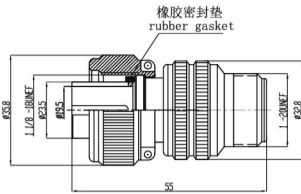


美军标壳体 Shell 18

图例 Photo and Size

MS3106

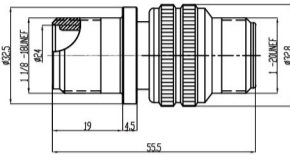
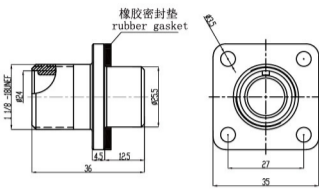
MS3108



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 Arrangement 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
芯数 No.of contacts	8	4	1	7	6
使用等级Service rating	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
焊杯直径 Solder cup mouth(mm)	3.2 ; 1.7	3.2;5.5	7.5	1.7;3.2	1.7
额定电流/电压 Rated current/voltage	30A/500V;15A/500V	30A/500V;50A/500V	80A/500V	15A/500V;30A/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)	≤ 3;≤ 6	≤1;≤ 3	≤ 0.5	≤ 6;≤ 3	≤ 6

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

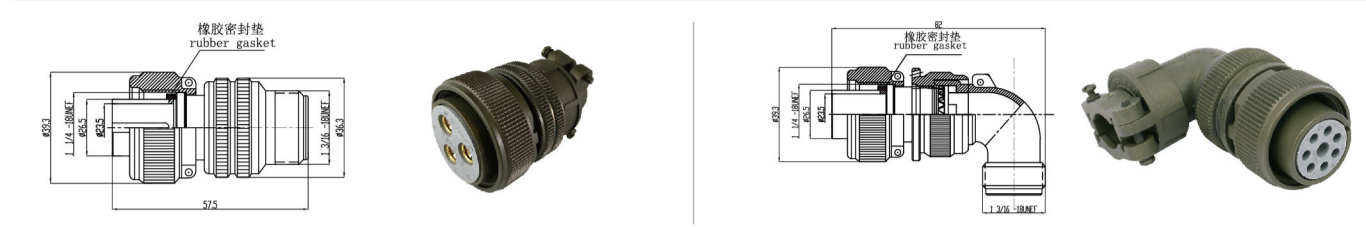


美军标壳体 Shell 20

图例 Photo and Size

MS3106

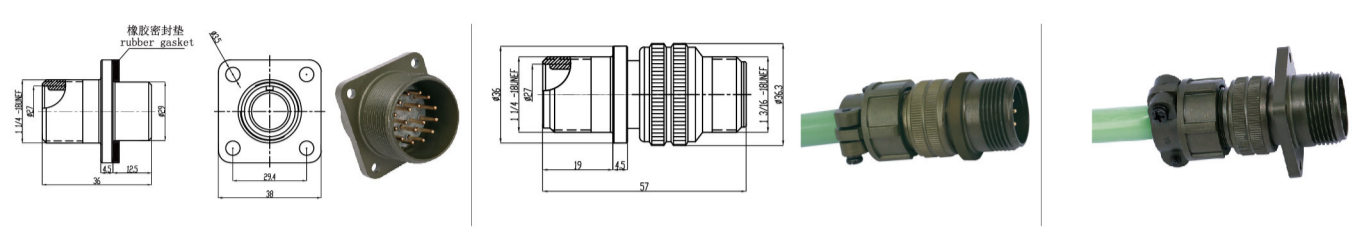
MS3108



MS3102

MS3101

MS3100



Note

- Solder terminal 焊接式, MS3106A MS3108A MS3102A MS3101A MS3100A
- Crimping terminal 压接式, MS4106A MS4108A MS4102A MS4101A MS4100A
- Cable Clamp and Dust cap code 尾夹和防尘盖型号 MS3057-12A ; MS25042-20D, MS25043-20D
- 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
绝缘电阻 Insulation resistance (MΩ) 500V	5000	5000	5000	5000	5000
接触电阻 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
绝缘电阻 Insulation resistance (MΩ) 500V	5000	5000	5000	5000	5000
接触电阻 Contact resistance (MΩMax)	≤1; ≤3	≤3	≤6; ≤3	≤6; ≤3	≤6; ≤3

内芯 Insert					
项目 Item					
代号 Code	20-18	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
绝缘电阻 Insulation resistance (MΩ) 500V	5000	5000	5000	5000	5000
接触电阻 Contact resistance (MΩMax)	≤1	≤6; ≤1	≤1	≤6; ≤1	≤6

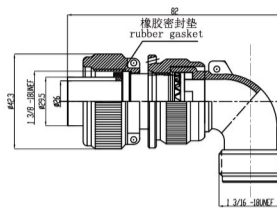
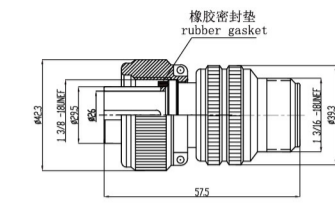
内芯 Insert					
项目 Item					
代号 Code	20-29	20-33	20-13	20-48	20-88
芯数 No. of contacts	17	11	4	19	8
使用等级 Service rating	A	A	A	A	A
接触及尺寸 Contacts size (AWG)	17*#16	11*#16	4*#8	19*#16	8*#12
焊杯直径 Solder cup mouth (mm)	1.7	1.7	5.5	1.7	3.2
额定电流/电压 Rated current/voltage	15A/500V	15A/500V	50A/500V	15A/500V	30A/500V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



图例 Photo and Size

MS3106

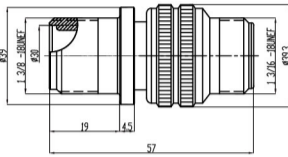
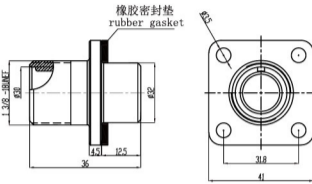
MS3108



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 MS3057-12A ;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

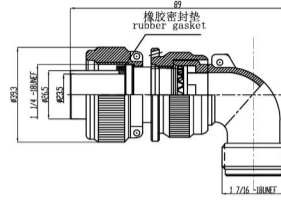
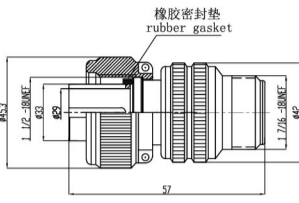
内芯 Insert				
项目 Item				
代号 Code	22-23	22-19	22-14	22-16
芯数 No.of contacts	8	14	19	9
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	8*#12	14*#16	19*#16	3*#12;6*#16
焊杯直径 Solder cup mouth(mm)	3.2	1.7	1.7	3.2;1.7
额定电流/电压 Rated current/voltage	30A/500V	15A/500V	15A/500V	30A/500V;15A/500V
工作电压 Operating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



图例 Photo and Size

MS3106

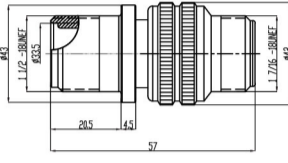
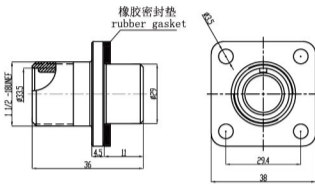
MS3108



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

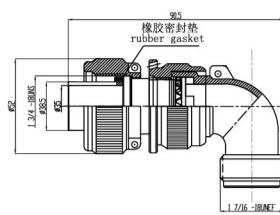
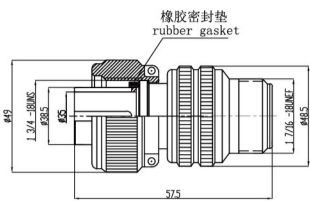
内芯 Insert				
项目 Item				
代号 Code	24-28	24-58	24-88	24-19
芯数 No.of contacts	24	13	9	12
使用等级Service rating	A	A	A	A
接触及尺寸 Contacts size(AWG)	24*#16	3*#8;3*#12;7*#16	4*#8 / 5*#12	12*#16
焊杯直径 Solder cup mouth(mm)	1.7	5.5 ;3.2 ;1.7	5.5 / 3.2	1.7
额定电流/电压 Rated current/voltage	15A/500V	50A/500V;30A/500V 15A/500V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



图例 Photo and Size

MS3106

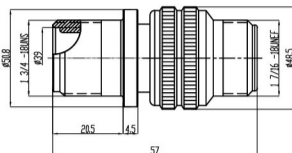
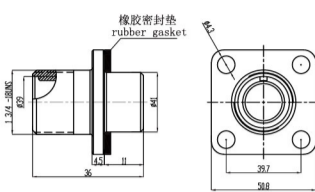
MS3108



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 MS3057-16A ;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	28-4	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
绝缘电阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触电阻 Contact resistance (MΩMax)	≤1;≤3	≤0.5	≤0.5	≤3	≤ 6; ≤ 3

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
绝缘电阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触电阻 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
绝缘电阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触电阻 Contact resistance (MΩMax)	≤1	≤1; ≤6	≤6; ≤3	≤6	≤6

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

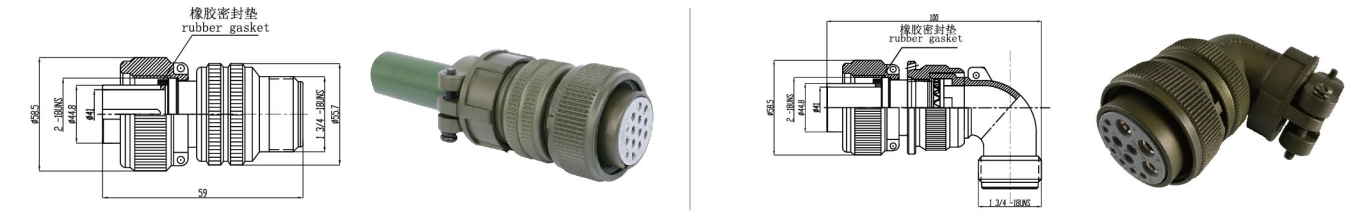


美军标壳体 Shell 32

图例 Photo and Size

MS3106

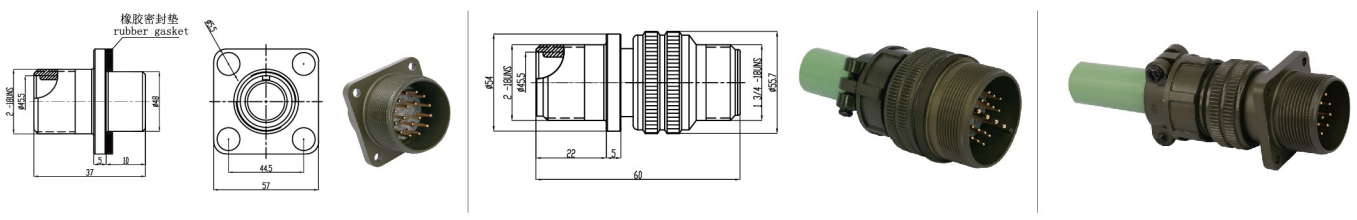
MS3108



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 MS3057-20A ;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					
代号 Code	32-22	32-76	32-21	32-14	32-7
芯数 No.of contacts	54	19	22	10	35
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	54*#16	19*#12	22*#12	10*#8	28*#16; 7*#12
焊杯直径 Solder cup mouth(mm)	1.7	3.2	3.2	5.5	1.7; 3.2
额定电流/电压 Rated current/voltage	15A/500V	30A/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
绝缘抗阻 Insulation resistance(MΩ) 500V	5000	5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)	≤6	≤3	≤3	≤1	≤ 6; ≤ 3

内芯 Insert					
代号 Code	32-13	32-17	32-73	32-63	32-31
芯数 No.of contacts	23	4	46	8	31
使用等级Service rating	A	A	A	A	A
接触及尺寸 Contacts size(AWG)	18*#16; 5*#12	4*#4	46*#16	8*#8	31*#16
焊杯直径 Solder cup mouth(mm)	1.7; 3.2	7.5	1.7	5.5	1.7
额定电流/电压 Rated current/voltage	15A/500V; 30A/500V	80A/500V	15A/500V	50A/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; ≤ 3	≤0.5	≤6	≤1	≤6

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

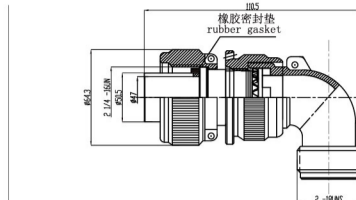
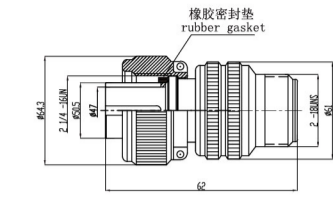


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图例 Photo and Size

MS3106

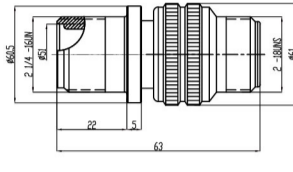
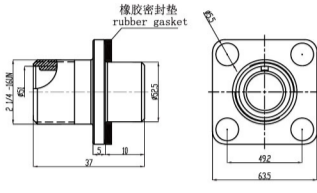
MS3108



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

项目 Item	内芯 Insert				
代号 Code		36-5	36-7	26-11	36-2
芯数 No.of contacts		5	47	6	7
使用等级Service rating		A	A	A	A
接触及尺寸 Contacts size(AWG)		5*#0	40*#16; 7*#12	4*#4 ; 2*#12	7*#4
焊杯直径 Solder cup mouth(mm)		10.5	1.7; 3.2	7.5; 3.2	7.5
额定电流/电压 Rated current/voltage		120A/500V	15A/500V; 30A/500V	80A/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
绝缘抗阻 Insulation resistance(MΩ) 500V		5000	5000	5000	5000
接触抗阻 Contact resistance (MΩMax)		≤0.2	≤ 6; ≤ 3	≤0.5; ≤3	≤0.5

项目 Item	内芯 Insert				
代号 Code		36-52	36-10	36-15	36-64
芯数 No.of contacts		52	48	35	64
使用等级Service rating		A	A	A	A
接触及尺寸 Contacts size(AWG)		52*#16	48*#16	35*#16	64*#16
焊杯直径 Solder cup mouth(mm)		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
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	≤6

项目 Item	内芯 Insert			
代号 Code		36-31	36-63	36-3
芯数 No.of contacts		31	14	6
使用等级Service rating		A	A	A
接触及尺寸 Contacts size(AWG)		31*#12	14*#8	3*#0; 3*#12
焊杯直径 Solder cup mouth(mm)		3.2	5.5	10.5 ; 3.2
额定电流/电压 Rated current/voltage		30A/500V	50A/500V	120A/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)		≤3	≤1	≤ 0.2 ; ≤ 3





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