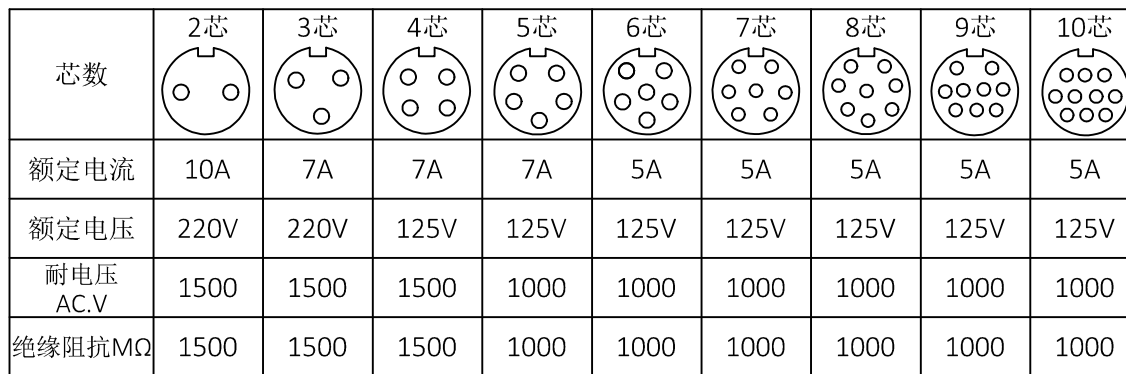
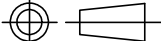


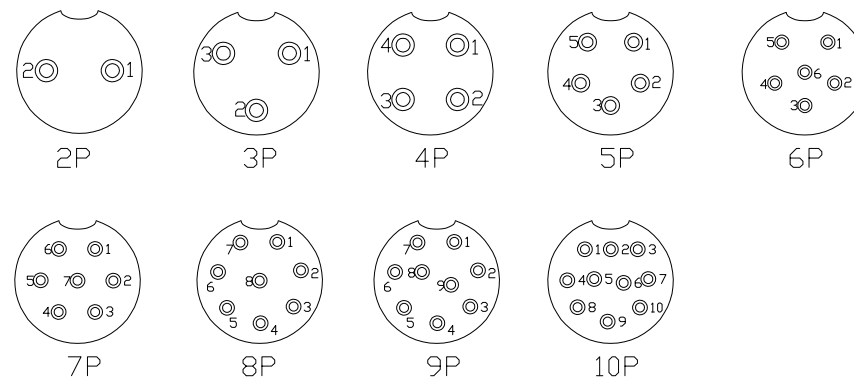
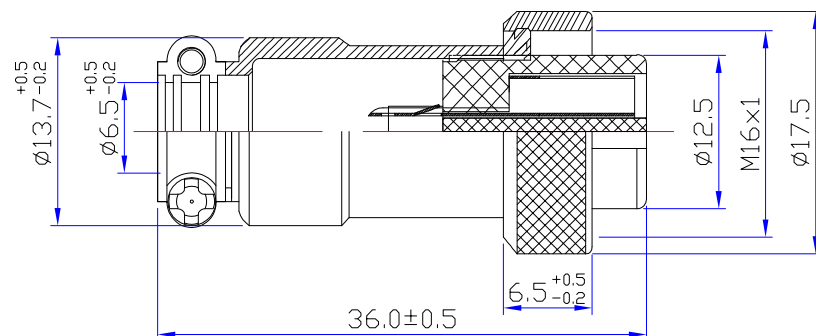


|                                                                                                                                         |    |                                                                 |     |                               |     |
|-----------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------|-----|-------------------------------|-----|
|  The View                                          |    | VOMAC                                                           |     | WWW.VOMAC.COM.CN              |     |
| 单位<br>Unit                                                                                                                              | mm | 比例<br>Scale                                                     | 1:1 |                               |     |
| 图号<br>Drawing NO                                                                                                                        |    | 料号<br>Part Number                                               |     | 产品名称<br>Product name          |     |
|                                                                                                                                         |    | VM-GX16-xP                                                      |     | GX16 male connector           |     |
| 文件保密 File security<br>This drawing shall not be copied, circulated or used for other purposes without permission.<br>本图纸未经允许，不可复制、外传或它用 |    | 未注公差 Unmarked tolerance                                         |     | 绘图<br>Draw drawing            | Liu |
|                                                                                                                                         |    | 零部件 Parts<br>X. $\pm 0.30$<br>X.X $\pm 0.20$<br>X.XX $\pm 0.10$ |     | 审核<br>Check                   |     |
|                                                                                                                                         |    |                                                                 |     | 客户确认<br>Customer confirmation |     |
|                                                                                                                                         |    | 角度 angle $\pm 3^\circ$                                          |     |                               |     |

|     |       |     |       |       |
|-----|-------|-----|-------|-------|
| E   | 垫圈    | 铁   | 镀镍    | 1PCS  |
| D   | 胶芯    | 电木  | 黑色    | 1PCS  |
| C   | Pin针  | 铜合金 | 镀银/镀镍 | 见表格   |
| B   | 六角    | 锌合金 | 镀镍    | 1PCS  |
| A   | 外壳    | 锌合金 | 镀镍    | 1PCS  |
| No. | 规格/描述 | 材质  | 外观处理  | 数量/单位 |



| REV | DESCRIPTION | DWN     | DATE       | APPROVEN |
|-----|-------------|---------|------------|----------|
| A   | FIRST ISSUE | XIEFENG | 2022/06/15 | Mr.chen  |



#### Material and specifications

Coupling    Threaded coupling  
Shell material    Zinc alloy with Nickel Plate  
Insert material    bakelite  
Contact material    copper Silver Plate/Nickel  
Termination    Solder  
Mating cycle    500  
Cable diameter    -20℃ +85℃

| Technology parameter                    |      |      |      |      |      |      |      |      |      |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|
| NO.of contacts                          | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Rated current (A)                       | 7    | 7    | 7    | 7    | 5    | 5    | 5    | 5    | 5    |
| Operation limit voltage(AC.V.rms)       | 220  | 220  | 125  | 125  | 125  | 125  | 125  | 125  | 125  |
| Withstanding voltage(AC.V.rms) I minute | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| Insulation resistance (mΩ )             | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| Contact resistance (mΩ )                | 3    | 3    | 3    | 4    | 5    | 5    | 4    | 5    | 5    |
| Solder cup mouth aperture               | Ø1.4 | Ø1.4 | Ø1.4 | Ø1.2 | Ø0.8 | Ø0.8 | Ø0.8 | Ø0.8 | Ø0.8 |
| Solder inter diameter                   | Ø2.5 | Ø2.5 | Ø2.5 | Ø2.0 | Ø1.2 | Ø1.2 | Ø1.2 | Ø1.2 | Ø1.2 |

|            |          |           |                                                                                                               |                               |  |                  |   |
|------------|----------|-----------|---------------------------------------------------------------------------------------------------------------|-------------------------------|--|------------------|---|
| NOTE:      |          | Tolerance | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES FOR INCHES ARE<br>0.5-8MM±0.10MM<br>8-30MM±0.15MM<br>30-120MM±0.20MM | VOMAC                         |  | WWW.VOMAC.COM.CN |   |
|            |          |           |                                                                                                               |                               |  | +86 15718014206  |   |
| DRAWN:     | DATE:    | VIEW      |                          | Name: GX16 FEMALE CONNECTOR   |  |                  |   |
| XIEFENG    | 22/06/15 |           |                                                                                                               |                               |  |                  |   |
| CHECKED:   |          | UNIT      | MM                                                                                                            | Product NO. VM-GX16-xP        |  | REV              | A |
| APPROVALS: |          | SCALE     | 1 : 1                                                                                                         | CAD FILE H/companydrawings/BD |  | SHEET:1 OF 1     |   |