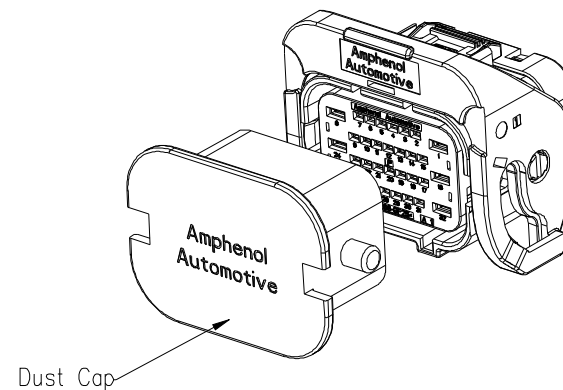
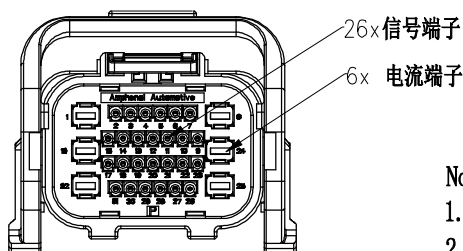
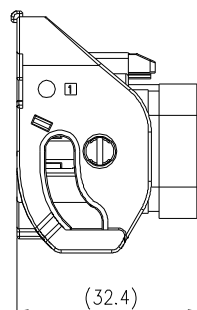
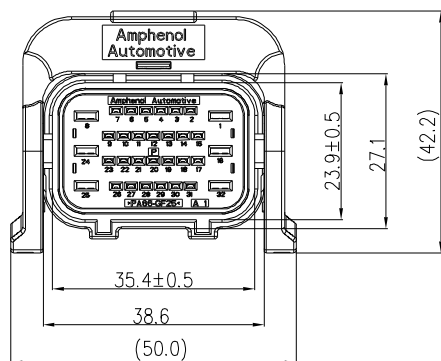
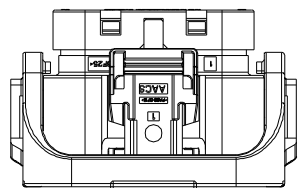




# MPS02 - BSF X032S

M= 插座端  
F= 插头端

coding  
A=Code A  
B=Code B  
C=Code C

S= 线塞版

## Notes:

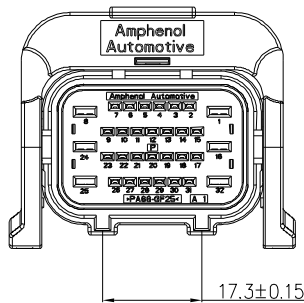
- 工作温度 Operating Temperature:  $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$ .
- 额定电流 Current Rating:  
Power: 15A MAX.  
Signal: 2A MAX.
- 电源端子&信号端子材质 Material Power Pin&Signal Pin: Copper alloy.
- 塑胶件材质 Plastic part Material: PA66.
- 配对线径 Cable Size:  
Power:  $0.5\sim1.0\text{mm}^2$  ( $\varnothing 1.4\sim\varnothing 2.1\text{mm}$ ).  
 $1.5\sim2.5\text{mm}^2$  ( $\varnothing 2.2\sim\varnothing 3.0\text{mm}$ ).  
Signal:  $0.5\text{mm}^2$  ( $\varnothing 1.4\sim\varnothing 1.7\text{mm}$ ).
- 耐电压 Dielectric Withstanding Voltage: 1000V DC.
- 防护等级 Protection Class: IP68/IP6K9K.
- 插拔寿命 Mating Cycle: 100 Min.
- 所有材料需符合RoHS要求 All materials must meet the requirements of RoHS.

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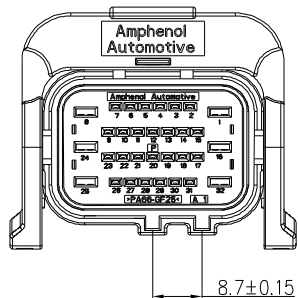
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|                                        |                                  |                                      |                              |                  |                   |
|----------------------------------------|----------------------------------|--------------------------------------|------------------------------|------------------|-------------------|
| 数量(件数) / Qty: 9                        |                                  | 公差 / Tolerances: $\pm 0.35\text{mm}$ | 比例 / Scale: 5:1 (10:1, 20:1) | A2               | Part Drawing      |
| 测试尺寸 / Test dimension                  | 特征 / Significant Characteristics | 材料 / Material                        | 日期 / Date                    | 姓名 / Name        |                   |
| 零件索引号 / Part index number              |                                  | 制图 / Drawn: 2018-10-25               | 2018-10-25                   | Gavin Gong       | 32 芯防水连接器插头 (线塞版) |
|                                        |                                  | 审核 / Checked: 2018-11-10             | 2018-11-10                   | Justin Zhou      |                   |
| Amphenol Automotive Connection Systems |                                  | M                                    |                              | MPS02 - BSFX032S | 14 / Sheet        |
| Index                                  |                                  | Description                          |                              | Replacement for: | 2 Bl.             |

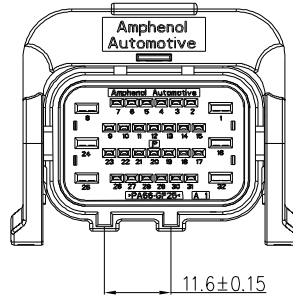
Codings:



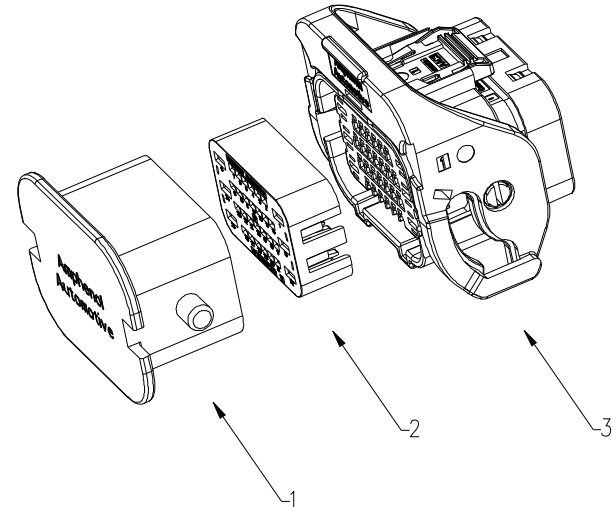
Code A  
MPS02 - BSFA032S



Code B  
MPS02 - BSFB032S



Code C  
MPS02 - BSFC032S



### 适用端子型号

| 端子种类                                   | 端子料号            | 适合电线                   | 电线外径        | 线塞料号            | 盲堵料号            |
|----------------------------------------|-----------------|------------------------|-------------|-----------------|-----------------|
| 1mm信号端子                                | N 02 252 4124 C | 0.5mm <sup>2</sup>     | ø1.4~ø1.7mm | /               | MPS01-00P00400  |
| 2.8mm电流端子<br>(0.5~1.0mm <sup>2</sup> ) | N 02 252 4515 C | 0.5~1.0mm <sup>2</sup> | ø1.4~ø2.1mm | N 06 252 4102 C | N 06 252 4104 C |
| 2.8mm电流端子<br>(1.5~2.5mm <sup>2</sup> ) | N 02 252 4516 C | 1.5~2.5mm <sup>2</sup> | ø2.2~ø3.0mm | N 06 252 4103 C |                 |

|    |                |            |         |
|----|----------------|------------|---------|
| 3  | 插头主体 Housing   | /          | 1       |
| 2  | 端子二次锁TPA       | PA66/green | 1       |
| 1  | 防尘盖 Dust Cap   | /          | 1       |
| 序号 | 零件名称 Part Name | 备注         | 用量(PCS) |

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|                                        |                                                 |                            |                  |
|----------------------------------------|-------------------------------------------------|----------------------------|------------------|
| 数量(件数) / Qty: 9                        | 公差 / Tolerances: ±0.35mm                        | 比例 / Scale: 5:1(10:1,20:1) | A2               |
| 测试尺寸 / Test dimension                  | 特征 / Significant Characteristics                | Part Drawing               |                  |
| 零件索引号 / Part index number              | 日期 / Date: 2018-10-25<br>姓名 / Name: Gavin Gong  | 32芯防水连接器插头(线塞版)            |                  |
|                                        | 日期 / Date: 2018-11-10<br>姓名 / Name: Justin Zhou |                            |                  |
| Amphenol Automotive Connection Systems |                                                 | M                          | MPS02 - BSFX032S |
| Index Description Date Name            |                                                 | 2 / 2 Bl.                  |                  |
| D1 New Product 2018-10-25 Gavin        |                                                 | 替换 / Replacement for:      |                  |