

# 安波福 千兆以太网连接器

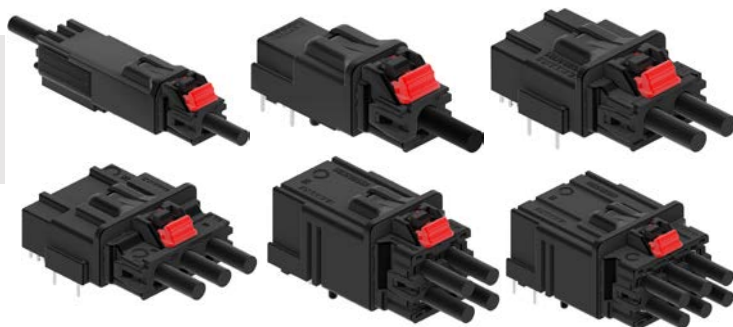
APTIV's **A**utomatable **M**odular **E**thernet **C**onnector (AMEC) portfolio supports the increasing demand for Ethernet-ready connection systems in today's automotive market. AMEC demonstrates Automotive Ethernet performance up to 100Mbps&1 Gbps over unshielded twisted pair (UTP) and shielded twisted pair (STP).

## 安波福优势

- Compact & ergonomic package size
- Robust multiple key codes
- Flexible design to support multiple connector variants and integration into mixed connectors

## 产品特性

- Cost-effective design leverages standard 050 terminals
- Adaptable housings for UTP and STP
- Assured contact placement via secondary locking
- 600MHz Ethernet Operating Frequency 1Gbps

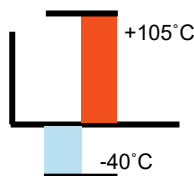


AMEC以太网解决方案

## 可选配置与功能

Ethernet Ports	1,2,3,4,5,6
Cavity Configurations	0.5 CTS
Genders	Male & Female
Connector styles	Inlines & Headers
Cable Assembly	Customized cable assembly

## 温度范围



## 防护等级

ISO 20653 & IEC 60529  
IP52

## 性能评级与技术参数

### 通信协议

- OPEN Alliance
- IEEE 802.3

### 振动评级

- LV-214 Level 2
- USCAR Class 1

## 应用场景

Automotive Ethernet  
Active Safety Module  
Vehicle Gateway  
Infotainment Head Unit


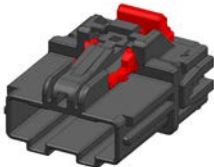
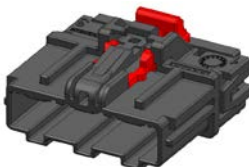
## 关于安波福

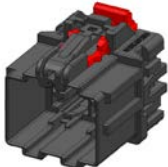
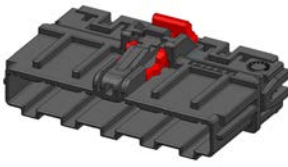
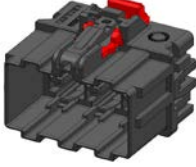
安波福公司是一家致力于未来移动出行方式开发技术及解决方案，使移动出行更加安全、环保、互联的全球性科技公司。安波福公司总部位于都柏林，在全球50个国家/地区设有138个主要生产基地和11个主要技术中心，拥有20余万名员工，其中包括22,200名科学家、工程师和技术人员。

更多信息，请访问 [aptiv.com](http://aptiv.com)

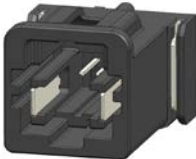

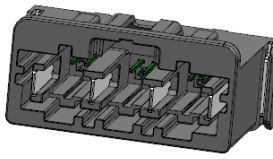


## Collector Housings

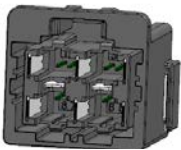
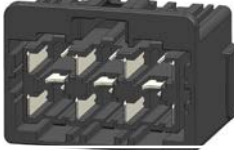
Configuration	1Port 1Row	2Port 1Row	3Port 1Row
Product Image			
Code A PN	35395816	35395822	35395828
Drawing number	35395834	35395835	35395836
Codes Type	A, B, C, D, E, F	A, B, C, D, E, F	A, B, C, D, E, F
Dimensions (mm)	11.6 x 23.85 x 12.45	19.1 x 23.85 x 12.45	26.6 x 23.85 x 12.45

Configuration	5Port 1Row	4Port 2Row	6Port 2Row
Product Image			
Code A PN	35544404	35623595	35544649
Drawing number	35570185	35213228	35237407
Codes Type	A, B, C, D	A, B	A, B
Dimensions (mm)	41.6 x 23.85 x 12.45	21.3x 23.8x 20.4	27.9x 23.2x 20.94



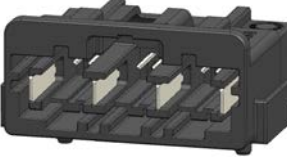
## STP Headers Straight (180°)

Configuration	1Port 1Row	2Port 1Row	3Port 1Row
Product Image			
Code A PN	35557073	35351280	35369307
Drawing number	35558272	35351286	35369305
Codes Type	A, B, C, D, E, F	A, B, C, D, E, F	A, B
Dimensions (mm)	17 x 23.74 x 13.75	24.5 x 23.74x 13.75	32.6x 23.54x 21.4




## STP Headers Right Angle (180°)

Configuration	4Port 2Row	6Port 2Row
Product Image		
Code A PN	35619991	35237400
Drawing number	35620014	35237406
Codes Type	A, B, C, D	A, B
Dimensions (mm)	31.34x 22.3x 25.1	31.34x 29.8x 25.1


## STP Headers Right Angle (90°)

Configuration	1Port 1Row	2Port 1Row	3Port 1Row
Product Image			
Code A PN	35508965	35508990	35210700
Drawing number	35509443	35509444	35210704
Codes Type	A, B, C, D, E, F	A, B, C, D, E, F	A, B
Dimensions (mm)	13.6 x 24 x 17.35	23.9 x 24 x 17.35	31.4 x 24 x 17.35




## STP Headers Right Angle (90°)

Configuration	5Port 1Row	4Port 2Row	6Port 2Row
Product Image			
Code A PN	35191742	35569507	35256824
Drawing number	35191805	35569508	35256828
Codes Type	A, B	A, B, C, D	A, B
Dimensions (mm)	46.4 x 24 x 17.35	31.34x 22.3x 25.1	31.34x 29.8x 25.1

## STP Headers Straight (Reverse)

Configuration	Reverse
Product Image	
Code A PN	35590355
Drawing number	35590367
Codes Type	A, B, C, D, E, F
Dimensions (mm)	13.6 x 24 x 14.5

## STP Male Inline Connector (with USCAR 7mm type clip slot)

Configuration	1port	2port	3port
Product Image			
Code A PN	35435069	35391011	35391019
Drawing number	35385033	35391025	35391026
Codes Type	A, B, C, D, E, F	A, B, C, D, E, F	A, B, C, D, E, F
Dimensions (mm)	13.6 x 40.3 x 13.75	21.1 x 40.3 x 13.75	28.6 x 40.3 x 13.75