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Технические характеристики на автомобильные системы подключения Ethernet герметичные и негерметичные АМЕС 100 МВ, коллекторные группы КОМПАНИИ **ARTIV PLC**

AMEC 100 MB SEALED SERIES



AMEC 100 Mb Sealed

BENEFITS

- Multifunctional modular Ethernet connection system
- Key product for E-Mobility and autonomous driving
- Compact and ergonomic packaging
- Flexible design to support multiple connector variants and integration into mixed connectors

FEATURES

- Cost-effective design leverages standard 0.50 terminals
- Adaptable housings for UTP and STP
- Assured contact placement via secondary locking
- Optional Connector Position Assurance (CPA) for enhanced connector locking performance
- 66 MHz Ethernet operating frequency 100 Mbps
- Robust multiple key codes

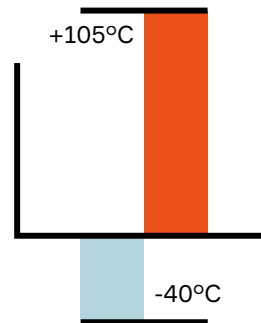


AVAILABLE CONFIGURATIONS

Ethernet Ports	1 - 8
Cavity Configurations	0.50 CTS in 1 and 2 row
Genders	Female, Male
Connector Styles	Inlines, Headers
Cable Assembly	Automated cable assembly build process with precise quality control



TEMPERATURE



INDUSTRY COMPLIANCE



ETHERNET PROTOCOLS

- OPEN Alliance
- IEEE 802.3



VIBRATION CLASS

- LV-214 Level 2
- USCAR Class 1



APPLICATIONS

Automotive Ethernet, other

See back page for representative part numbers and packaging dimensions.



DEGREES OF PROTECTION

ISO 20653
IP2X & IPX9K

IEC 60529
IP2X & IPX9

About Aptiv






Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility.








MODULE CABLE ASSEMBLIES

Configuration	Female UTP x Female UTP	Male UTP x Female UTP
		
Part number	35183881	35183883


COLLECTOR HOUSINGS

Configuration	1-Port 1-Row	2-Port 1-Row	3-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35120326	35185529	35169936	35185411	35185412
Other codes available	A, B, C, D, E, F, G	A, B, C, D	A, B, C, D	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	6.3 x 32.2 x 19.3	34.4 x 23.8 x 19.3	38.9 x 31.5 x 19.5	30.3 x 27.8 x 37.8	38.6 x 28.4 x 39.3





HEADERS RIGHT ANGLE (90°)

Configuration	1-Port 1-Row	2-Port 1-Row	3-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35081973	35185528	35169900	35185452	35185450
Other codes available	A, B, C, D, E, F	A, B, C, D	A, B, C, D	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	32.9 x 34.7 x 16.2	34.8 x 35.7 x 15.8	42.1 x 34.7 x 15.9	N/A	N/A

HEADERS STRAIGHT (180°)

Configuration	1-Port 1-Row
	
Part numbers	35062586
Other codes available	A, B, C, D, E, F
Dimensions (mm)	30.0 x 27.7 x 32.6

INLINE SYSTEM

Configuration	1Port Female	1Port Male	3Port Female	3Port Shielded Male
				
Part numbers	35120326	35185507	35169936	35169915
Other codes available	B, C, D	B, C, D	B, C, D	B, C, D
Dimensions (mm)	16.3 x 32.2 x 19.3	16.2 x 56.7 x 20.9	38.9 x 31.5 x 19.5	36.2 x 54.5 x 19.0

AMEC 100 MB UNSEALED SERIES



AMEC 100 Mbps Unsealed

BENEFITS

- Multifunctional modular Ethernet connection system
- Key product for E-Mobility and autonomous driving
- Compact and ergonomic packaging
- Flexible design to support multiple connector variants and integration into mixed connectors

FEATURES

- Cost-effective design leverages standard 0.50 terminals
- Adaptable housings for UTP and STP
- Assured contact placement via secondary locking
- Optional Connector Position Assurance (CPA) for enhanced connector locking performance
- 66 MHz Ethernet operating frequency 100 Mbps
- Robust multiple key codes



AVAILABLE CONFIGURATIONS

Ethernet Ports	1 - 8
Cavity Configurations	0.50 CTS in 1 and 2 row
Genders	Female, Male
Connector Styles	Inlines, Headers
Cable Assembly	Automated cable assembly build process with precise quality control



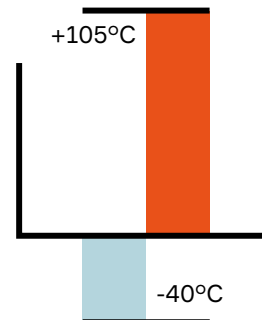
APPLICATIONS

Automotive Ethernet, other

See back page for representative part numbers and packaging dimensions.



TEMPERATURE



INDUSTRY COMPLIANCE



ETHERNET PROTOCOLS

- OPEN Alliance
- IEEE 802.3



VIBRATION CLASS

- LV-214 Level 2
- USCAR Class 1



DEGREES OF PROTECTION

ISO 20653



IEC 60529
IP2X

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MODULE CABLE ASSEMBLIES

Configuration	Female UTP x Female UTP	Male UTP x Female UTP
		
Part number	35183881	35183883


COLLECTOR HOUSINGS (CPA Optional)

Configuration	1-Port 1-Row	5-Port 1-Row	6-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35122195	35139546	35185426	35183729	35187199
Other codes available	A, B, C, D, E, F, Z	A, B, C, D, E, F, G	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	16.2 x 25.6 x 14.9	44.3 x 25.6 x 16.5	51.8 x 25.7 x 23.2	28.9 x 27.1 x 22.5	36.4 x 22.5 x 27.5

HEADERS STRAIGHT (180°)

Configuration	1-Port 1-Row	5-Port 1-Row	6-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35107350	35185545	35185477	35151970	35152367
Other codes available	A, B, C, D, E, F	A, B, C, D, E, F, G	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	13.8 x 25.2 x 9.9	44.7 x 25.3 x 12.7	51.6 x 25.3 x 22.2	28.8 x 25.3 x 18.3	36.3 x 25.3 x 18.3

HEADERS RIGHT ANGLE (90°)

Configuration	1-Port 1-Row	6-Port 2-Row	8-Port 2-Row
			
Part numbers	35115879	35187605	35187607
Other codes available	A, B, C, D, E, F	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	16.7 x 27.5 x 9.8	30.8 x 31.0 x 18.9	38.3 x 31.0 x 18.9

AMEC+ 1 GB SEALED SERIES



AMEC+ 1 Gb Sealed

BENEFITS

- Multifunctional modular Ethernet connection system
- Key product for E-Mobility and autonomous driving
- Compact and ergonomic packaging
- Flexible design to support multiple connector variants and integration into mixed connectors

FEATURES

- Cost-effective design leverages standard 0.50 terminals
- Adaptable housings for UTP and STP
- Assured contact placement via secondary locking
- Optional Connector Position Assurance (CPA) for enhanced connector locking performance
- 600 MHz Ethernet operating frequency 1 Gbps
- Robust multiple key codes

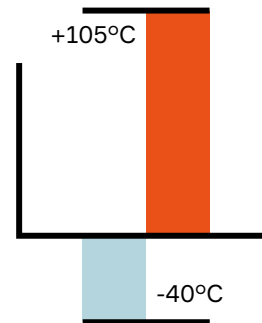


AVAILABLE CONFIGURATIONS

Ethernet Ports	1 - 8
Cavity Configurations	0.50 CTS in 1 and 2 row
Genders	Female, Male
Connector Styles	Inlines, Headers
Cable Assembly	Automated cable assembly build process with precise quality control



TEMPERATURE



INDUSTRY COMPLIANCE



ETHERNET PROTOCOLS

- OPEN Alliance
- IEEE 802.3



VIBRATION CLASS

- LV-214 Level 2
- USCAR Class 1



APPLICATIONS

Automotive Ethernet, other

See back page for representative part numbers and packaging dimensions.



DEGREES OF PROTECTION

ISO 20653
IP2X & IPX9K

IEC 60529
IP2X & IPX9

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MODULE CABLE ASSEMBLIES

Configuration	Female STP x Female STP	Male STP x Female STP
		
Part number	35183882	35183884


COLLECTOR HOUSINGS

Configuration	1-Port 1-Row	2-Port 1-Row	3-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35120326	35185529	35169936	35185411	35185412
Other codes available	A, B, C, D, E, F, G	A, B, C, D	A, B, C, D	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	6.3 x 32.2 x 19.3	34.4 x 23.8 x 19.3	38.9 x 31.5 x 19.5	30.3 x 27.8 x 37.8	38.6 x 28.4 x 39.3





HEADERS RIGHT ANGLE (90°)

Configuration	1-Port 1-Row	2-Port 1-Row	3-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35158425	35185527	35169900	35185410	35185409
Other codes available	A, B, C, D, E, F	A, B, C, D	A, B, C, D	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	32.9 x 34.7 x 16.2	34.8 x 35.7 x 15.8	42.1 x 34.7 x 15.9	N/A	N/A

HEADERS STRAIGHT (180°)

Configuration	1-Port 1-Row
	
Part numbers	35175501
Other codes available	A, B, C, D, E, F
Dimensions (mm)	30.0 x 27.7 x 32.6

INLINE SYSTEM

Configuration	1Port Female	1Port Male	3Port Female	3Port Shielded Male
				
Part numbers	35120326	35185530	35169936	35169915
Other codes available	B, C, D	B, C, D	B, C, D	B, C, D
Dimensions (mm)	16.3 x 32.2 x 19.3	16.2 x 56.7 x 20.9	38.9 x 31.5 x 19.5	36.2 x 54.5 x 19.0

AMEC+ 1 GB UNSEALED SERIES



AMEC+ 1 Gb Unsealed

BENEFITS

- Multifunctional modular Ethernet connection system
- Key product for E-Mobility and autonomous driving
- Compact and ergonomic packaging
- Flexible design to support multiple connector variants and integration into mixed connectors

FEATURES

- Cost-effective design leverages standard 0.50 terminals
- Adaptable housings for UTP and STP
- Assured contact placement via secondary locking
- Optional Connector Position Assurance (CPA) for enhanced connector locking performance
- 600 MHz Ethernet operating frequency 1 Gbps
- Robust multiple key codes

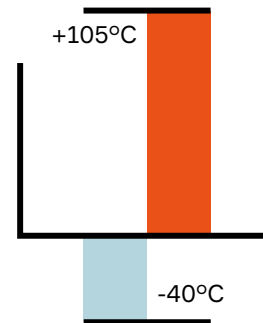


AVAILABLE CONFIGURATIONS

Ethernet Ports	1 - 8
Cavity Configurations	0.50 CTS in 1 and 2 row
Genders	Female, Male
Connector Styles	Inlines, Headers
Cable Assembly	Automated cable assembly build process with precise quality control



TEMPERATURE



INDUSTRY COMPLIANCE



ETHERNET PROTOCOLS

- OPEN Alliance
- IEEE 802.3



VIBRATION CLASS

- LV-214 Level 2
- USCAR Class 1



APPLICATIONS

Automotive Ethernet, other

See back page for representative part numbers and packaging dimensions.



DEGREES OF PROTECTION

ISO 20653

IEC 60529
IP2X

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MODULE CABLE ASSEMBLIES

Configuration	Female STP x Female STP	Male STP x Female STP
		
Part number	35183882	35183884

COLLECTOR HOUSINGS (CPA Optional)

Configuration	1-Port 1-Row	5-Port 1-Row	6-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35122195	35139546	35185426	35183729	35187199
Other codes available	A, B, C, D, E, F, Z	A, B, C, D, E, F, G	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	16.2 x 25.6 x 14.9	44.3 x 25.6 x 16.5	51.8 x 25.7 x 23.2	28.9 x 27.1 x 22.5	36.4 x 22.5 x 27.5

HEADERS STRAIGHT (180°)

Configuration	1-Port 1-Row	5-Port 1-Row	6-Port 1-Row	6-Port 2-Row	8-Port 2-Row
					
Part numbers	35107350	35139544	35185475	35151713	35151715
Other codes available	A, B, C, D, E, F	A, B, C, D, E, F, G	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	13.8 x 25.2 x 9.9	44.7 x 25.3 x 12.7	51.6 x 25.3 x 22.2	28.8 x 25.3 x 18.3	36.3 x 25.3 x 18.3

HEADERS RIGHT ANGLE (90°)

Configuration	1-Port 1-Row	6-Port 2-Row	8-Port 2-Row
			
Part numbers	35115879	35187604	35187606
Other codes available	A, B, C, D, E, F	A, B, C, D, E, F, G, H	A, B, C, D, E, F, G, H
Dimensions (mm)	16.7 x 27.5 x 9.8	30.8 x 31.0 x 18.9	38.3 x 31.0 x 18.9

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