

# 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



### APPLICATIONS

Automotive Ethernet, other

See back page for representative part numbers and packaging dimensions.

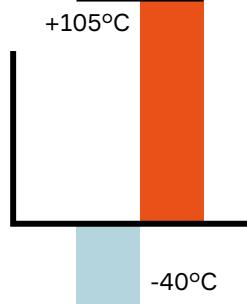
### About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility. Headquartered in Dublin, Aptiv has approximately 150,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries.

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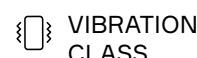
### TEMPERATURE



### INDUSTRY COMPLIANCE



- OPEN Alliance
- IEEE 802.3



- LV-214 Level 2
- USCAR Class 1



### DEGREES OF PROTECTION

ISO 20653

IEC 60529  
IP2X



## 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

Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.