



# GIGABIT



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## Number of contacts

8



## Features

Shielding bus separate from housing potential.  
Ideal for the transmission of sensitive signals  
(e.g. bus signals)  
Useable for 10Gigabit Ethernet Cat. 7.

## Specifications

DIN EN 60664-1  
DIN EN 61984

## Module adapter

Number of contacts ..... 8  
Insulation resistance ..... > 10<sup>10</sup> Ω  
Material ..... Polycarbonate  
Limiting temperatures ..... -40°C to +125°C  
Flammability acc. to UL 94 ..... V0  
Mechanical working life ..... > 500 mating cycles

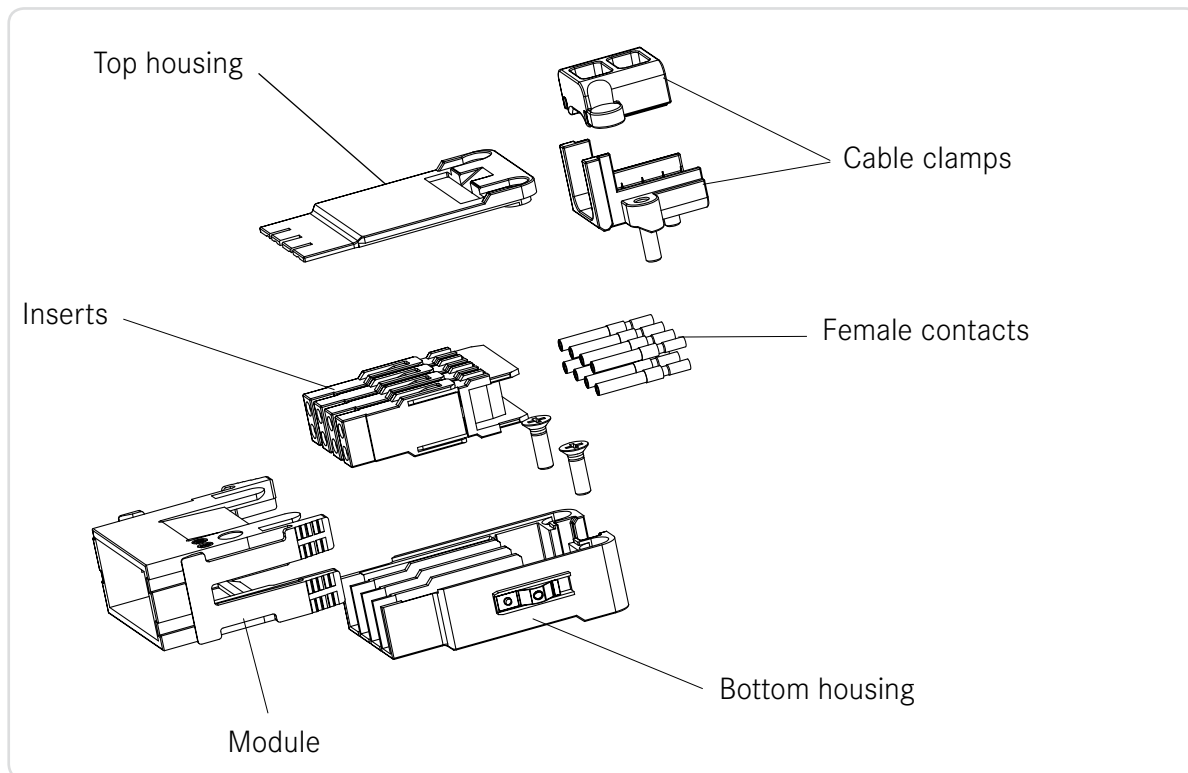
## GigaBit insert

Number of contacts ..... 8 + shielding  
Electrical data acc. to DIN EN 61 984 ..... 5A; 50V; 0.8kV; 3  
Rated current ..... 5A  
Rated voltage ..... 50V  
Rated impulse voltage ..... 0.8kV  
Pollution degree ..... 3  
Rated voltage to UL ..... <30V  
Material  
- insulator ..... Polycarbonate  
- outer conductor ..... Zinc alloy  
Contact resistance ..... < 4 mΩ  
Limiting temperatures ..... -40°C to +85°C  
Flammability acc. to UL 94 ..... V0  
Outer surface finish ..... Nickel  
Cable diameter ..... 5 to 12mm

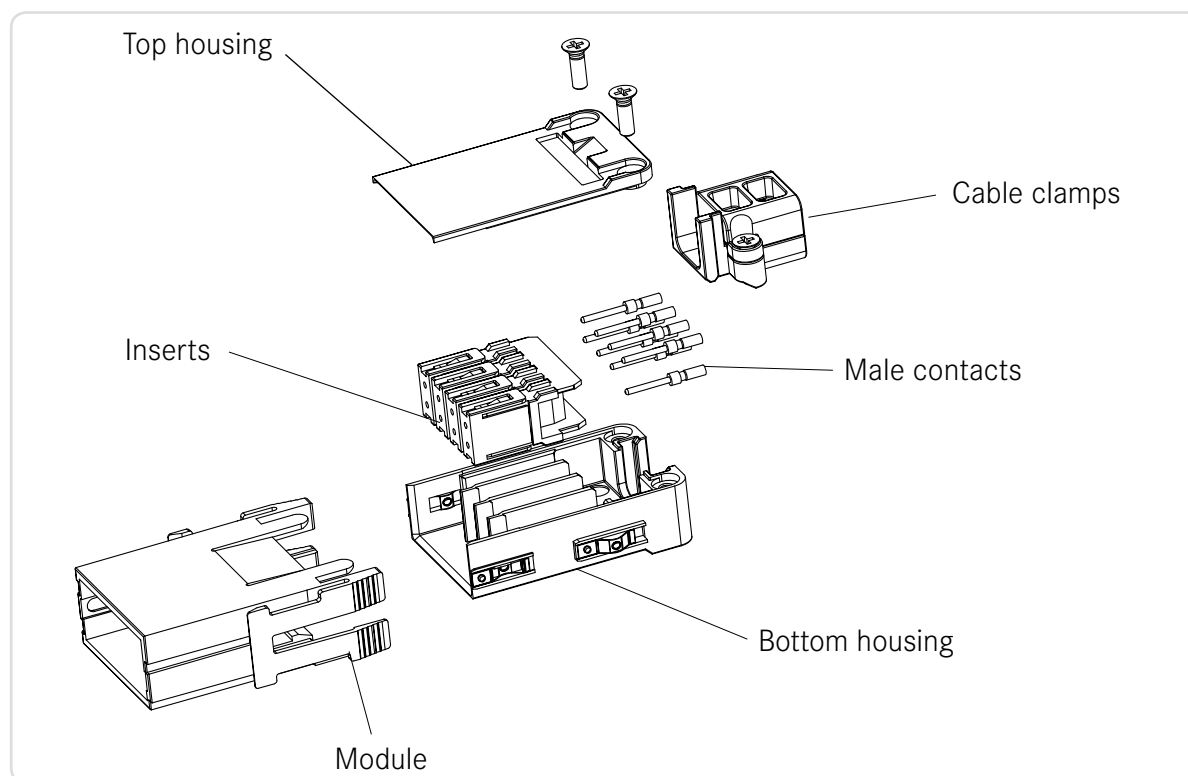
## Crimp contacts

Crimp terminal  
- mm<sup>2</sup> ..... 0.09 to 0.52 mm<sup>2</sup>  
- AWG ..... 20 to 28  
Turned contacts ..... Performance level 1

RECEPTACLE



PLUG

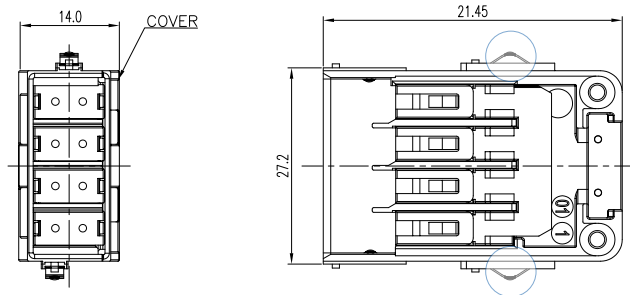


## GIGABIT 8 (#20)

### WITH EARRING CLIP

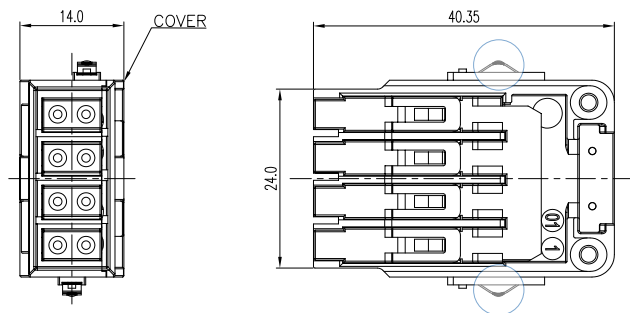
#### #20 Receptacle with earring clip (Male contact)

C14610A00890215



#### #20 Plug with earring clip (Female contact)

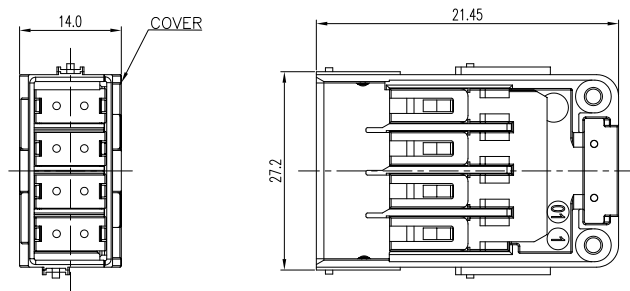
C14610B00890215



### WITHOUT EARRING CLIP

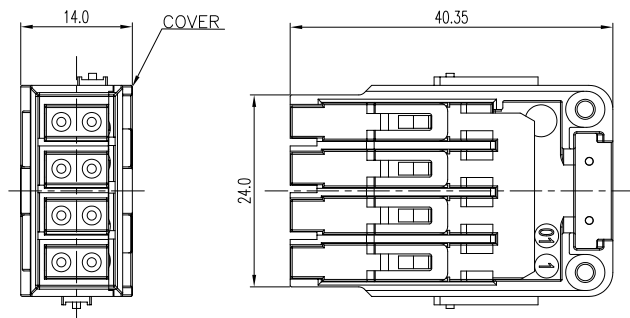
#### #20 Receptacle without earring clip (Male contact)

C14610A00890215



#### #20 Plug without earring clip (Female contact)

C14610B00890115

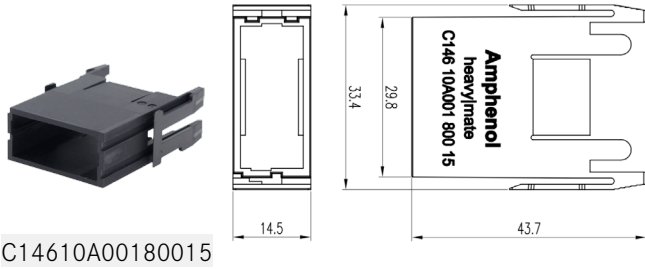


Note: contacts need to be ordered separately

## ATTACHEMENT

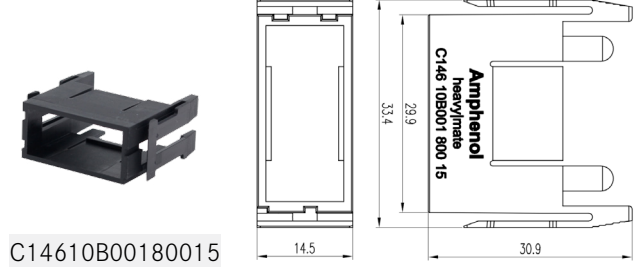
ORDER SEPARATELY

### GigaBit module (M)



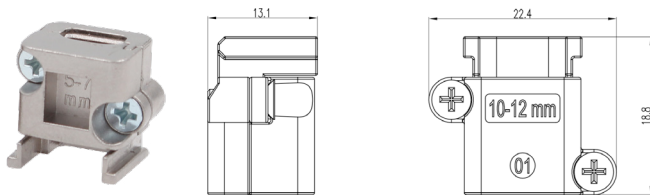
C14610A00180015

### GigaBit module (F)



C14610B00180015

### CABLE CLAMPS



P/N	Cable size
SK201500495106	5.0 to 7.0 mm
SK201500495107	7.0 to 10.0 mm
SK201500495108	10.0 to 12.0 mm

### TOOLS

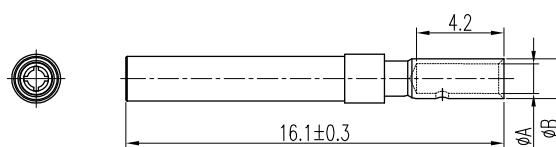
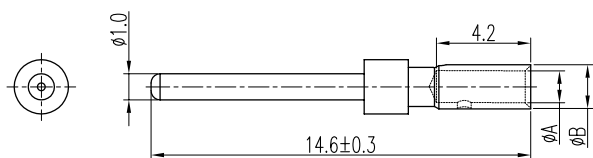
Contact size	Section of conductor	Crimping tool	Extraction tool
#20	0.09 to 0.52 mm <sup>2</sup>	M22520/1-01	M81969/1-02

#20 Crimping tool M22520/1-01	#20 Extraction tool M81969/1-02

## CONTACTS

ORDER SEPARATELY

#20



Contact size	Part number		Plating	ΦA mm	ΦB mm	Section of conductor
	Male contact	Female contact				
#20	VN0101000662C	VN0201000662C	Gold	0.64	1.70	0.09 to 0.25 mm <sup>2</sup>
#20	VN0101000672C	VN0201000672C	Gold	0.88	1.70	0.13 to 0.33 mm <sup>2</sup>
#20	VN0101000682C	VN0201000682C	Gold	1.13	1.70	0.25 to 0.52 mm <sup>2</sup>

Amphenol PCD Shenzhen

Building 21  
1st Liao Keng Industrial Zone  
Shi Yan Street, Bao An District Shenzhen 518108  
China

Tel.: +86 755-8173-8000  
Fax: +86 755-8173-8180  
Email: [inquiry@amphenolpcd.com.cn](mailto:inquiry@amphenolpcd.com.cn)

[www.amphenolpcd.com.cn](http://www.amphenolpcd.com.cn)

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