

Features

- Designed for 10,000 mating cycles thanks to HMC surface in mating area
- Shielding bus separate from housing potential
- Ideal for the transmission of sensitive signals
- Suitable for Gigabit Ethernet Cat. 6A

Technical characteristics

Specifications	DIN EN 60 664-1 DIN EN 61 984
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Han® module adapter

Number of contacts	8
Insulation resistance	$\geq 10^{10} \Omega$
Material	Polycarbonate
Limiting temperatures	-40 °C ... +85 °C
Flammability acc. to UL 94	V 0
Mechanical working life	$\geq 10,000$ mating cycles

Han® GigaBit HMC insert

Number of contacts	8 + shielding
Electrical data acc. to DIN EN 61 984	5 A 50 V 0.8 kV 3
Rated current	5 A
Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Rated voltage acc. to UL	< 30 V
Material	
- Insulator	Polycarbonate
- Outer conductor	Zinc alloy HMC
Contact resistance	$\leq 4 \text{ m}\Omega$
Limiting temperatures	-40 °C ... +85 °C
Mechanical working life	$\geq 10,000$ mating cycles
Flammability acc. to UL 94	V 0
Outer surface finish	Nickel
Cable diameter	5 ... 12 mm

Han® D-Sub HMC crimp contacts

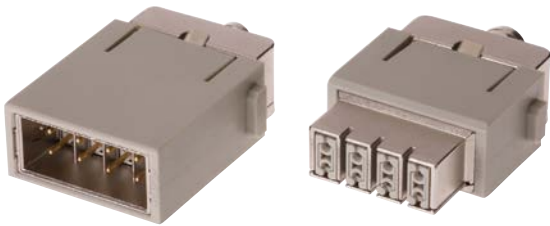
Crimp terminal	
- mm ²	0.08 ... 0.52 mm ²
- AWG	28 ... 20

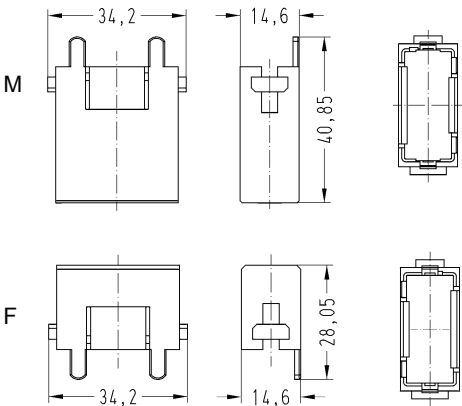


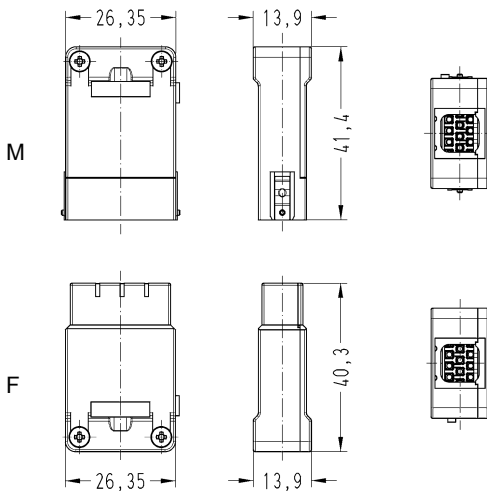
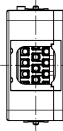
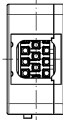


Number of contacts

8



Identification	Part number		Drawing	Dimensions in mm
	Male insert (M)	Female insert (F)		
Han® module adapter 	09 14 001 3011	09 14 001 3111		

Identification	Wire gauge mm ²	Part number Male contact	Part number Female contact	Drawing	Dimensions in mm												
Han® GigaBit HMC module insert 20 + shield crimp contacts order separately  With additional shield con- nection to the hinged frame crimp contacts order separately		09 14 208 3011	09 14 208 3111	M F 	Contact arrangement View termination side  												
Han® D-Sub HMC crimp contacts gold plated HMC 	0,08-0,21 0,13-0,33 0,33-0,52	09 67 000 7570 09 67 000 5570 09 67 000 8570	09 67 000 7470 09 67 000 5470 09 67 000 8470	<table><tr><th>Wire gauge</th><th>ø</th><th>Stripping length of stranded wire</th></tr><tr><td>0.08 - 0.21 mm²</td><td>AWG 28-24</td><td>4 mm</td></tr><tr><td>0.13 - 0.33 mm²</td><td>AWG 26-22</td><td>4 mm</td></tr><tr><td>0.33 - 0.52 mm²</td><td>AWG 22-20</td><td>4 mm</td></tr></table>	Wire gauge	ø	Stripping length of stranded wire	0.08 - 0.21 mm ²	AWG 28-24	4 mm	0.13 - 0.33 mm ²	AWG 26-22	4 mm	0.33 - 0.52 mm ²	AWG 22-20	4 mm	
Wire gauge	ø	Stripping length of stranded wire															
0.08 - 0.21 mm ²	AWG 28-24	4 mm															
0.13 - 0.33 mm ²	AWG 26-22	4 mm															
0.33 - 0.52 mm ²	AWG 22-20	4 mm															

Identification		Part number	Drawing	Dimensions in mm
Crimp flange				
	D1 D2			
	3.0 4.0	61 03 000 0062		
	3.5 4.5	61 03 000 0063		
	4.0 5.0	61 03 000 0064		
	4.5 5.5	61 03 000 0065		
	5.0 6.0	61 03 000 0066		
	5.5 6.5	61 03 000 0166		
	6.0 7.0	61 03 000 0067		
	6.5 7.5	61 03 000 0068		
	7.0 8.0	61 03 000 0069		
	7.5 8.5	61 03 000 0070		
	8.0 9.0	61 03 000 0071		
	8.5 9.5	61 03 000 0165		
	9.0 10.0	61 03 000 0072		
Crimp ferrule				
	D3 D4			
	5.0 6.0	61 03 000 0045		
	5.5 6.5	61 03 000 0046		
	6.0 7.0	61 03 000 0047		
	6.5 7.5	61 03 000 0048		
	7.0 8.0	61 03 000 0049		
	7.5 8.5	61 03 000 0050		
	8.0 9.0	61 03 000 0051		
	8.5 9.5	61 03 000 0052		
	9.0 10.0	61 03 000 0053		
	9.5 10.5	61 03 000 0054		
	10.0 11.0	61 03 000 0055		
	10.5 11.5	61 03 000 0056		
	11.0 12.0	61 03 000 0057		
	11.5 12.5	61 03 000 0058		
	12.0 13.0	61 03 000 0142		
	12.5 13.5	61 03 000 0059		
	13.0 14.0	61 03 000 0127		
Cable clamp				
cable diameter approx. 5 ... 7 mm cable diameter approx. 7 ... 10 mm cable diameter approx. 10 ... 12 mm		61 03 000 0141 61 03 000 0044 61 03 000 0143		