

HMDS-009 D-Sub module - for one cable

50V 5A

Inserts



Combination with hinged frame and other modules possible.

Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	CE ENEC
Inserts	
Number of contacts	9
Electrical data acc. to EN 61 984	
- Rated current	5A
- Rated voltage	50V
- Rated impulse voltage	0.8kV
- Pollution degree	3
Insulation resistance	$\geq 10^{10} \Omega$
Material	polycarbonate
Limiting temperatures	-40°C ... +125°C
Flammability acc. to UL 94	V0
Mechanical working life	
- mating cycles	≥ 500
Contacts	
Material	copper alloy
Surface	hard-silver plated
	hard-gold plated
Contact resistance	$\leq 3 m\Omega$
Crimp terminal	
- mm ²	0.09-0.82 mm ²
- AWG	28-18

Crimp terminal

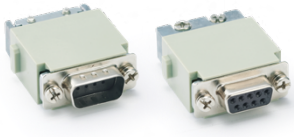
Order crimp contacts separately



Insert	Description	Designation	Order No.
Male	for one cable	HMDS/2.1-009-MC	129 009 010 0101
Female	for one cable	HMDS/2.1-009-FC	129 009 020 0101

Crimp terminal

Order crimp contacts separately



Insert	Description	Designation	Order No.
Male	for one cable	HMDS/2.1-009-MC 3SP01	129 009 010 0506
Female	for one cable	HMDS/2.1-009-FC 3SP01	129 009 020 0506

Clamp locking range: Φ 7 mm

Crimp contacts

Crimp contacts 5A

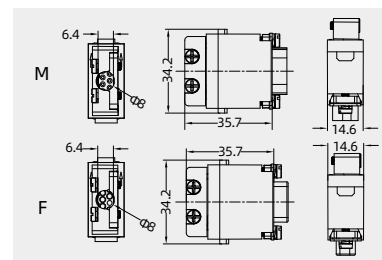
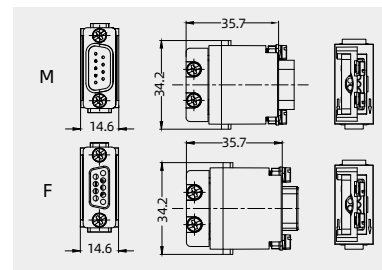
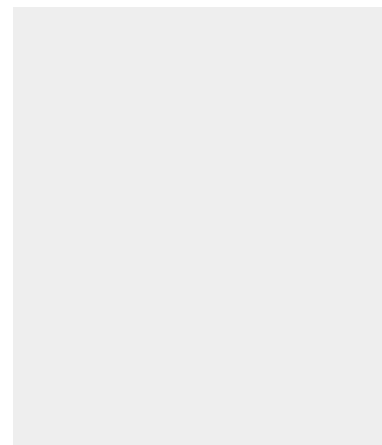
Contact resistance $\leq 3 m\Omega$
silver plated

gold plated



Male	Order No.	Female	Order No.
CSSM-0.25	101 014 110 0101	CSSF-0.25	101 014 120 0101
CSSM-0.33	101 014 110 0201	CSSF-0.33	101 014 120 0201
CSSM-0.52	101 014 110 0501	CSSF-0.52	101 014 120 0501
CSSM-0.82	101 014 110 0701	CSSF-0.82	101 014 120 0701
CSGM-0.25	101 014 210 0101	CSGF-0.25	101 014 220 0101
CSGM-0.33	101 014 210 0201	CSGF-0.33	101 014 220 0201
CSGM-0.52	101 014 210 0501	CSGF-0.52	101 014 220 0501
CSGM-0.82	101 014 210 0701	CSGF-0.82	101 014 220 0701

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.



a	b	c	d	e	f
8.10	4.0	14.8	0.64	1.66	14.4
8.10	4.0	14.8	0.90	1.66	14.4
8.10	4.0	14.8	1.12	1.66	14.4
8.23	4.2	14.0	1.35	1.75	13.6

Wire gauge	Stripping length
0.09-0.25 mm ² AWG 28-24	5 mm
0.13-0.33 mm ² AWG 26-22	5 mm
0.33-0.52 mm ² AWG 22-20	5 mm
0.52-0.82 mm ² AWG 22-18	5 mm