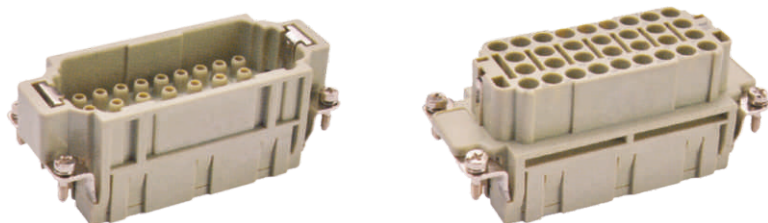


# HEE

Technical characteristics



## Current carrying capacity

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals

## Specifications

### Inserts

Number of contacts

DIN EN 60 664

DIN EN 61 984

10, 18, 32, 46, 64, 92

64(2x32), 92(2x46)+PE

Working current

See current carrying capacity )

Working voltage

Pollution degree

Rated impulse voltage

Insulation resistance

Material

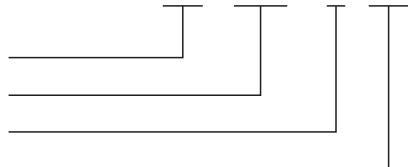
Flammability acc.to(UL94)

Limiting temperatures

Mechanical working life (mating cycles)

Working voltage acc.to UL/CSA

16A 500V 3 6KV



$\geq 10^{10} \Omega$

Polycarbonate

VO

$-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

$\geq 500$

600V

### Contacts

Material

Surface

Contact resistance

Terminal

Wire gauge

Stripping length

Copper alloy

Silver plated

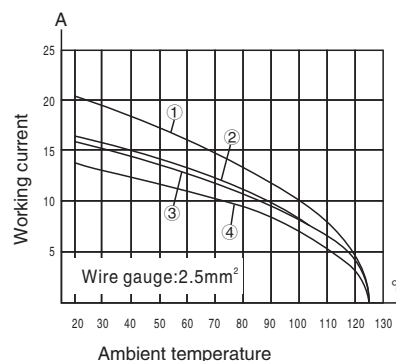
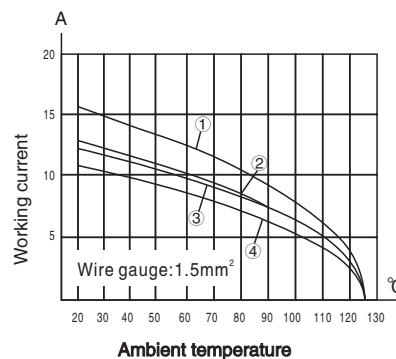
$\leq 1\text{m}\Omega$

Crimp terminal

0.14–4.0mm<sup>2</sup>(AWG26–12)

7.5mm

DIN IEC 60512-5 Control and test procedures according to DIN IEC 60512-5



①SO-HEE-010 ③SO-HEE-032  
②SO-HEE-018 ④SO-HEE-046

# SO-HEE

Insert 500V 16A

Number of contacts

10, 18, 32, 46 +  $\oplus$



SO-HEE-010-MC



SO-HEE-010-FC



SO-HEE-018-MC



SO-HEE-018-FC

TYPE



SO-HEE-032-MC



SO-HEE-032-FC



SO-HEE-046-MC

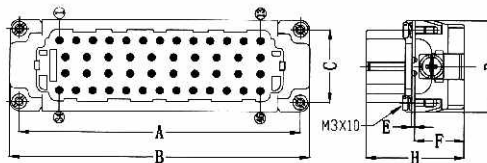
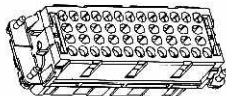


SO-HEE-046-FC

TYPE

Drawing(Dimensions in mm)

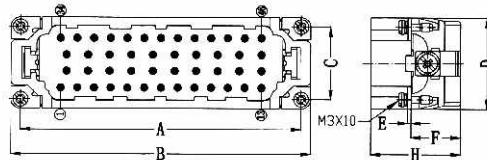
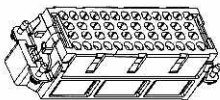
Male insert (MC)



Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HEE-010	44	51	27	34	1.2	18.3	33.3
SO-HEE-018	57	64	27	34	1.2	18.3	33.3
SO-HEE-032	77.5	84.5	27	34	1.2	18.3	33.3
SO-HEE-046	104	111	27	34	1.2	18.3	33.3

Female insert (FC)

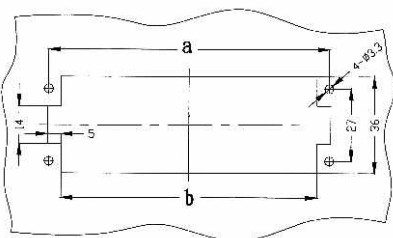


Female insert(F)

number of contacts	A	B	C	D	E	F	H
SO-HEE-010	44	51	27	34	1.2	18.2	36.2
SO-HEE-018	57	64	27	34	1.2	18.2	36.2
SO-HEE-032	77.5	84.5	27	34	1.2	18.2	36.2
SO-HEE-046	104	111	27	34	1.2	18.2	36.2

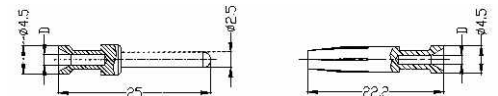
Panel cut out for inserts

for use without hoods/housings



Panel cut out

Size	A	B
SO-H6B	44	35
SO-H10B	57	48
SO-H16B	77.5	68.5
SO-H24B	104	95



Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm <sup>2</sup>	AWG 26-22	0.90mm
	0.5mm <sup>2</sup>	AWG 20	1.10mm
	0.75mm <sup>2</sup>	AWG 18	1.30mm
Silver plated	1.0mm <sup>2</sup>	AWG 18	1.45mm
	1.5mm <sup>2</sup>	AWG 16	1.75mm
	2.5mm <sup>2</sup>	AWG 14	2.25mm
	3.0mm <sup>2</sup>	AWG 12	2.55mm
	4.0mm <sup>2</sup>	AWG 12	2.85mm

Note: Suit hood/housing: Size H32B,H48B

Hood/Housing detail on "Hood/Housing" section

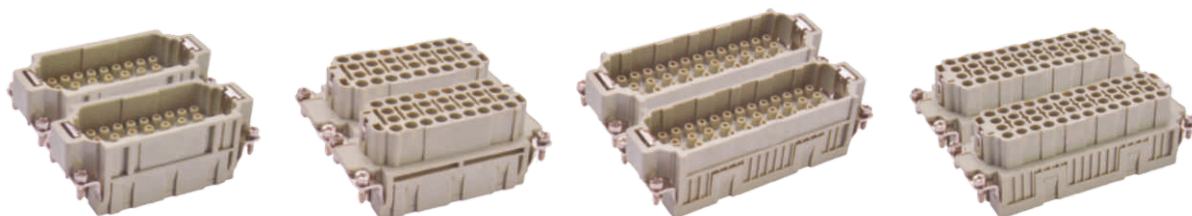
Note: Crimp termina of 16A should order contacts pins separately,detail please refer to page 70

# SO-HEE

Number of contacts

Insert 500V 16A

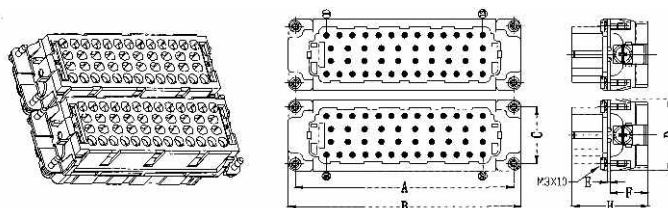
## 64,92+



TYPE                      SO-HEE-064-MC                      SO-HEE-064-FC                      SO-HEE-092-MC                      SO-HEE-092-FC

Drawing  
(Dimensions in mm)

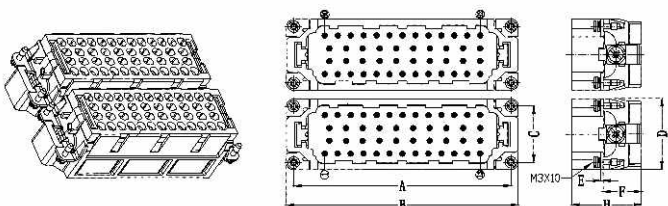
Male insert (MC)



Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HEE-064	77.5	84.5	27	34	1.2	18.3	33.3
SO-HEE-092	104	111	27	34	1.2	18.3	33.3

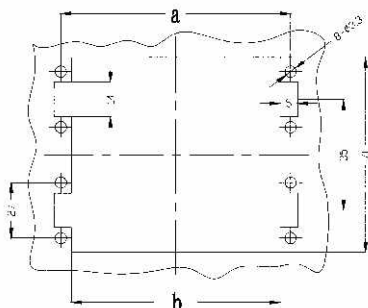
Female insert (FC)



Female insert(F)

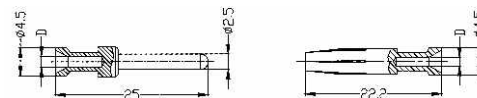
number of contacts	A	B	C	D	E	F	H
SO-HEE-064	77.5	84.5	27	34	1.2	18.2	36.2
SO-HEE-092	104	111	27	34	1.2	18.2	36.2

Panel cut out for inserts  
for use without hoods/housings



Panel cut out

Size	a	b
SO-H32B	77.5	68.5
SO-H48B	104	95



Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm <sup>2</sup>	AWG 26-22	0.90mm
	0.5mm <sup>2</sup>	AWG 20	1.10mm
	0.75mm <sup>2</sup>	AWG 18	1.30mm
Silver plated	1.0mm <sup>2</sup>	AWG 18	1.45mm
	1.5mm <sup>2</sup>	AWG 16	1.75mm
	2.5mm <sup>2</sup>	AWG 14	2.25mm
	3.0mm <sup>2</sup>	AWG 12	2.55mm
	4.0mm <sup>2</sup>	AWG 12	2.85mm

Note: Suit hood/housing: Size H32B,H48B

Hood/Housing detail on "Hood/Housing" section

Note: Crimp termina of 16A should order contacts pins separately,detail please refer to page 70