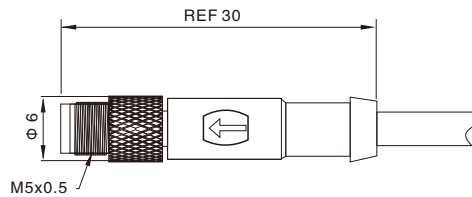


M5 Male Molded Cable, Straight

- Connector series: M5
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA05MAF**STXXX14

**refers to pins number
X refers to cable specification



General information

Standard:	IEC 61076-2-105
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
03 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05MAF03STXXCB14
						PUR	MA05MAF03STXXRB14
04 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05MAF04STXXCB14
						PUR	MA05MAF04STXXRB14

Note: X refers to cable length

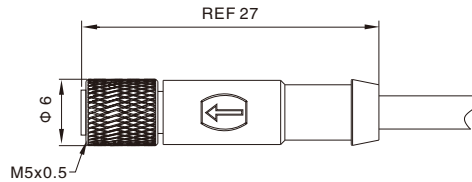
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Female Molded Cable, Straight

- Connector series: M5
- Gender: Female
- Coding: A
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA05FAF**STXXX14

**refers to pins number
X refers to cable specification



General information

Standard:	IEC 61076-2-105
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
			A/C	D/C	AWG	mm ²		
03 pins		1A	60V	60V	26AWG	0.14	PVC	MA05FAF03STXXCB14
							PUR	MA05FAF03STXXRB14
04 pins		1A	60V	60V	26AWG	0.14	PVC	MA05FAF04STXXCB14
							PUR	MA05FAF04STXXRB14

Note: X refers to cable length

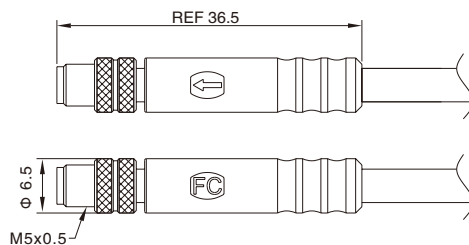
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Male Molded Cable, Straight, Shielded

- Connector series: M5
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA05MSAF**STXXX14

**refers to pins number
X refers to cable specification



General information

Standard:	IEC 61076-2-105
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
03 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05MSAF03STXXCB14
						PUR	MA05MSAF03STXXRB14
04 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05MSAF04STXXCB14
						PUR	MA05MSAF04STXXRB14

Note: X refers to cable length

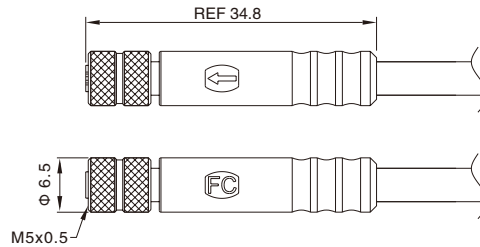
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Female Molded Cable, Straight, Shielded

- Connector series: M5
- Gender: Female
- Coding: A
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA05FSAF**STXXXX14

**refers to pins number
X refers to cable specification



General information

Standard:	IEC 61076-2-105
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
03 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05FSAF03STXXCB14
						PUR	MA05FSAF03STXXRB14
04 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05FSAF04STXXCB14
						PUR	MA05FSAF04STXXRB14

Note: X refers to cable length

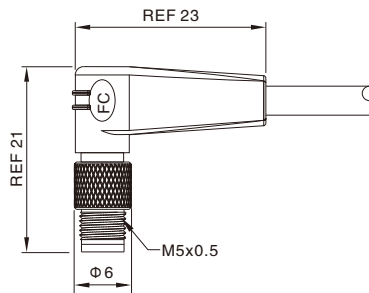
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Male Molded Cable, Angled

- Connector series: M5
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA05MAF**RAXXX14

**refers to pins number
X refers to cable specification



General information

Standard:	IEC 61076-2-105
Ambient temperature:	-40°C ~ +80°C(fixed installation) -20°C ~ +80°C(flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
03 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05MAF03RAXXCB14
						PUR	MA05MAF03RAXXRB14
04 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05MAF04RAXXCB14
						PUR	MA05MAF04RAXXRB14

Note: X refers to cable length

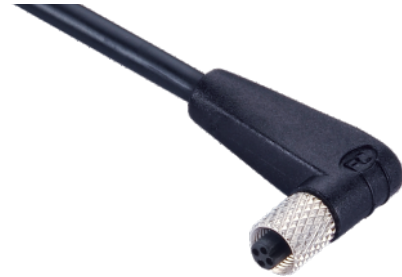
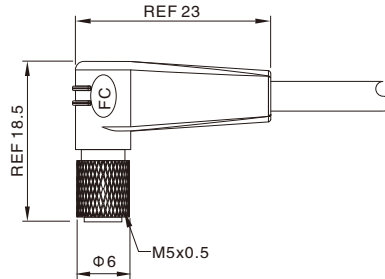
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Female Molded Cable, Angled

- Connector series: M5
- Gender: Female
- Coding: A
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA05FAF**RAXXX14

**refers to pins number
X refers to cable specification



General information

Standard:	IEC 61076-2-105
Ambient temperature:	-40°C ~ +80°C (fixed installation) -20°C ~ +80°C (flexible installation)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm ²		
03 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05FAF03RAXXCB14
						PUR	MA05FAF03RAXXRB14
04 pins 	1A	60V	60V	26AWG	0.14	PVC	MA05FAF04RAXXCB14
						PUR	MA05FAF04RAXXRB14

Note: X refers to cable length

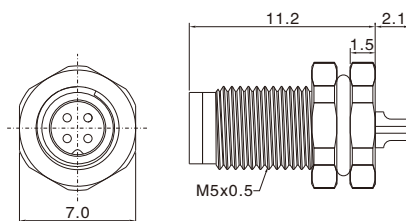
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Male Panel Mount, Solder, Front fastened

- Connector series: M5
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB05MSAFF**ST

**refers to pins number



General information

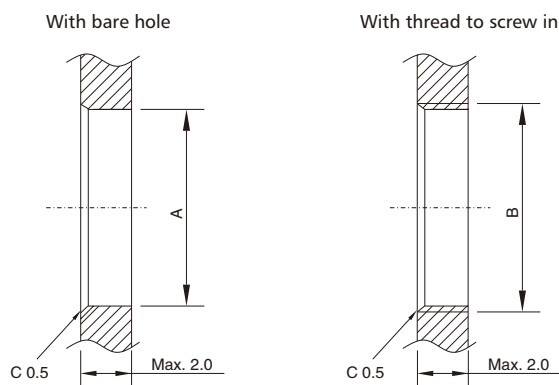
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.	
			A/C	D/C	AWG	mm ²			
03 pins		Solder version	1A	60V	60V	26AWG	0.14	PVC wire or customized	MB05MSAFF03ST
04 pins		Solder version	1A	60V	60V	26AWG	0.14	PVC wire or customized	MB05MSAFF04ST

Panel Cut-out Dimensions



	A	B
M5	5.0 ^{+0.1} ₋₀	M5x0.5

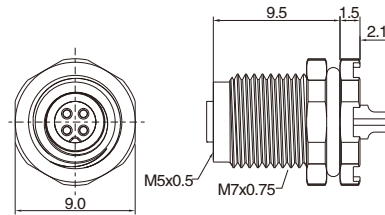
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Female Panel Mount, Solder, Front fastened

- Connector series: M5
- Gender: Female
- Coding: A
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB05FSAFF**ST

**refers to pins number



General information

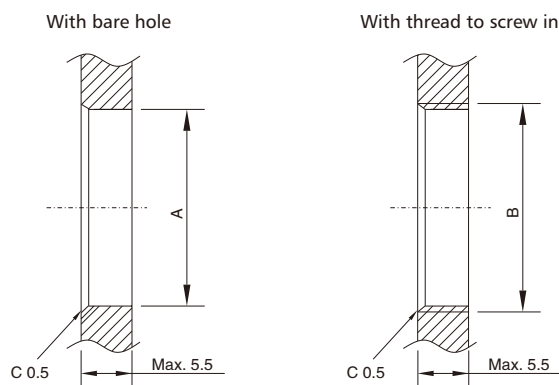
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.	
			A/C	D/C	AWG	mm ²			
03 pins		Solder version	1A	60V	60V	26AWG	0.14	PVC wire or customized	MB05FSAFF03ST
04 pins		Solder version	1A	60V	60V	26AWG	0.14	PVC wire or customized	MB05FSAFF04ST

Panel Cut-out Dimensions



	A	B
M7	7.0 ^{+0.1} ₋₀	M7x0.75

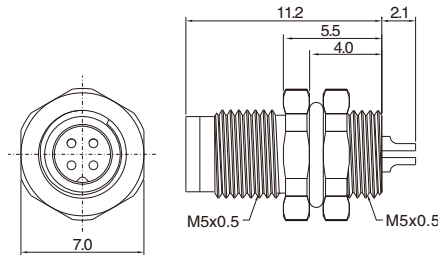
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Male Panel Mount, Solder, Rear fastened

- Connector series: M5
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Rear fastened
- Part No.: MB05MSARF**ST

**refers to pins number



General information

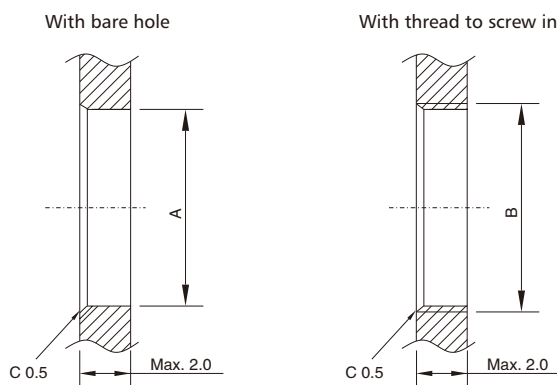
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.	
			A/C	D/C	AWG	mm ²			
03 pins		Solder version	1A	60V	60V	26AWG	0.14	PVC wire or customized	MB05MSARF03ST
04 pins		Solder version	1A	60V	60V	26AWG	0.14	PVC wire or customized	MB05MSARF04ST

Panel Cut-out Dimensions



	A	B
M5	5.0 ^{+0.1} ₋₀	M5x0.5

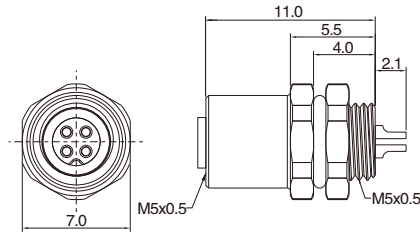
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Female Panel Mount, Solder, Rear fastened

- Connector series: M5
- Gender: Female
- Coding: A
- Locking type: Fix screw
- Mounting type: Rear fastened
- Part No.: MB05FSARF**ST

**refers to pins number



General information

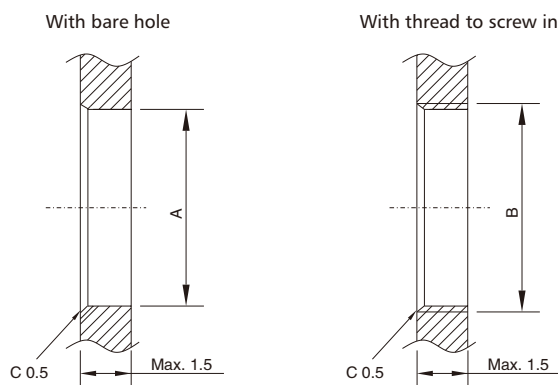
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Contacts termination	Rated current	Voltage		Wire gauge / size		Wire insulation	Part No.	
			A/C	D/C	AWG	mm ²			
03 pins		Solder version	1A	60V	60V	26AWG	0.14	PVC wire or customized	MB05FSARF03ST
04 pins		Solder version	1A	60V	60V	26AWG	0.14	PVC wire or customized	MB05FSARF04ST

Panel Cut-out Dimensions



	A	B
M7	5.0 ^{+0.1} ₋₀	M5x0.75

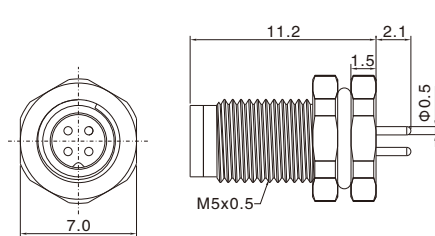
Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 3 for products' part number encoding rule.

M5 Male Panel Mount, PCB Type, Front fastened

- Connector series: M5
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB05MBAFF**ST

**refers to pins number



General information



Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

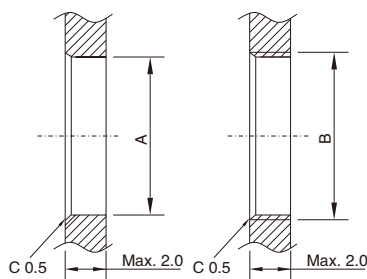
Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts	Contacts termination	Rated current	Voltage		Part No.
			A/C	D/C	
03 pins 	PCB version	1A	60V	60V	MB05MBAFF03ST
04 pins 	PCB version	1A	60V	60V	MB05MBAFF04ST

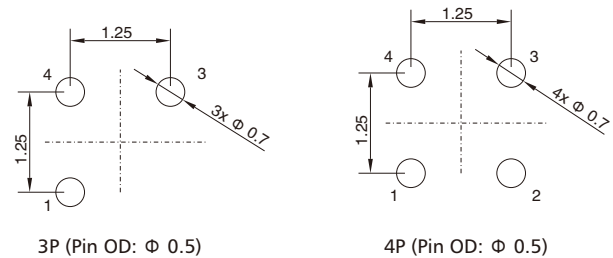
Panel Cut-out Dimensions

With bare hole With thread to screw in



	A	B
M5	5.0 ^{+0.1} ₋₀	M5x0.5

PCB Layout



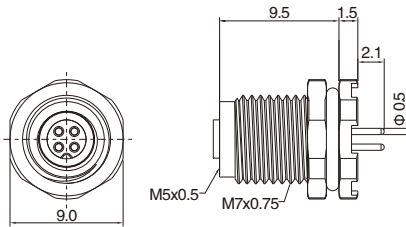
Remarks

- Please refer to Page 3 for products' part number encoding rule.

M5 Female Panel Mount, PCB Type, Front fastened

- Connector series: M5
- Gender: Female
- Coding: A
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB05FBAFF**ST

**refers to pins number



General information



Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

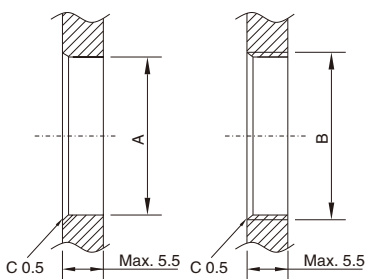
Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Voltage		Part No.
				A/C	D/C	
03 pins		PCB version	1A	60V	60V	MB05FBAFF03ST
04 pins		PCB version	1A	60V	60V	MB05FBAFF04ST

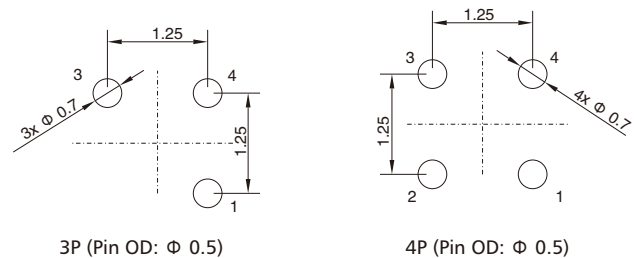
Panel Cut-out Dimensions

With bare hole With thread to screw in



	A	B
M7	7.0 ^{+0.1} ₋₀	M7x0.75

PCB Layout



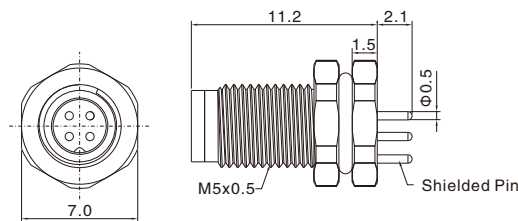
Remarks

- Please refer to Page 3 for products' part number encoding rule.

M5 Male Panel Mount, PCB Type, Front fastened, Shielded

- Connector series: M5
- Gender: Male
- Coding: A
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB05MBSAFF**ST

**refers to pins number



General information



Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

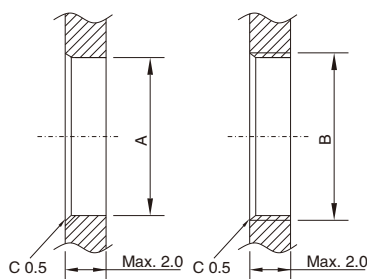
Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Voltage		Part No.
				A/C	D/C	
03 pins		PCB version	1A	60V	60V	MB05MBSAFF03ST
04 pins		PCB version	1A	60V	60V	MB05MBSAFF04ST

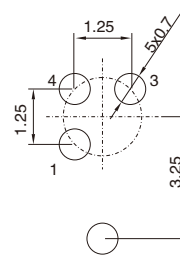
Panel Cut-out Dimensions

With bare hole With thread to screw in

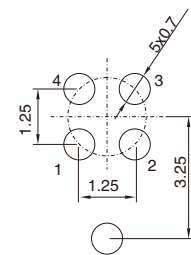


	A	B
M5	5.0 ^{+0.1} ₋₀	M5x0.5

PCB Layout



3P (Pin OD: Φ 0.5)



4P (Pin OD: Φ 0.5)

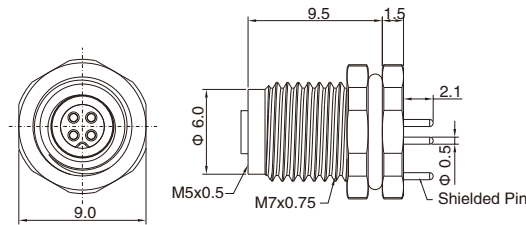
Remarks

- Please refer to Page 3 for products' part number encoding rule.

M5 Female Panel Mount, PCB Type, Front fastened, Shielded

- Connector series: M5
- Gender: Female
- Coding: A
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MB05FBSAFF**ST

**refers to pins number



General information



Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	Epoxy resin / FKM

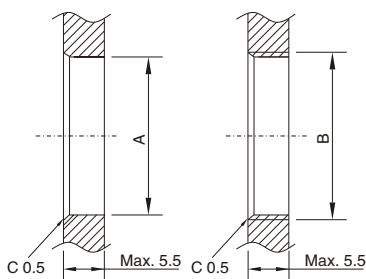
Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition
Mating endurance:	>500 cycles

Electrical data & Mechanical data

Contacts		Contacts termination	Rated current	Voltage		Part No.
				A/C	D/C	
03 pins		PCB version	1A	60V	60V	MB05FBSAFF03ST
04 pins		PCB version	1A	60V	60V	MB05FBSAFF04ST

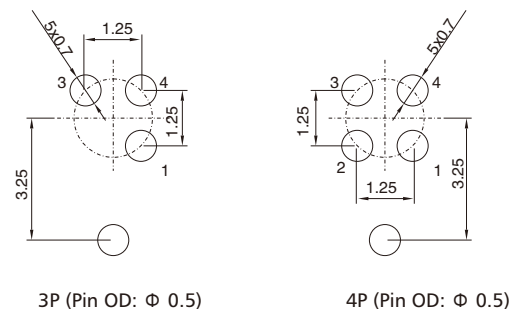
Panel Cut-out Dimensions

With bare hole With thread to screw in



	A	B
M7	7.0 ^{+0.1} ₋₀	M7x0.75

PCB Layout



Remarks

- Please refer to Page 3 for products' part number encoding rule.