

M5 CATALOGUE



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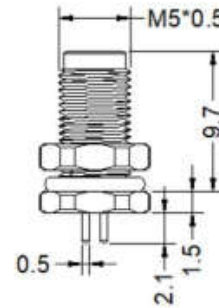
M5 CATALOGUE

M5 A CODE MALE FRONT PANEL MOUNT SOLDER PCB CONNTECTOR

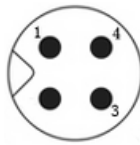
PRODUCT PHOTO



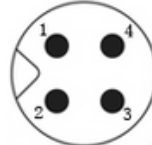
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

3 pins 5B005

4 pins 5B001

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Dip-solder	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

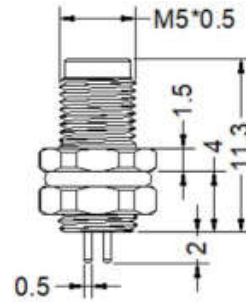
M5 CATALOGUE

M5 A CODE MALE REAR PANEL MOUNT SOLDER PCB CONNECTOR

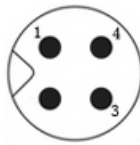
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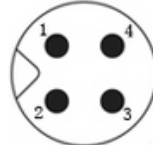
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

3 pins 5B006

4 pins 5B002

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Dip-solder	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

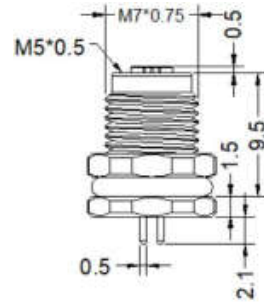
M5 CATALOGUE

M5 FEMALE STRAIGHT FRONT PANEL MOUNT SOLDER PCB CONNECTOR

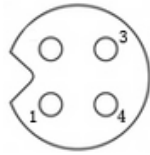
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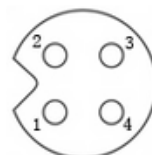
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

3 pins 5B007

4 pins 5B003

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Dip-solder	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

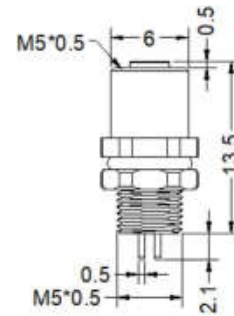
M5 CATALOGUE

M5 FEMALE STRAIGHT REAR PANEL MOUNT SOLDER PCB CONNECTOR

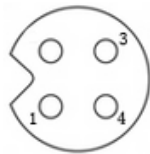
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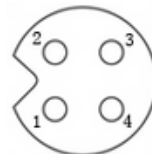
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

3 pins 5B008

4 pins 5B004

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Dip-solder	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

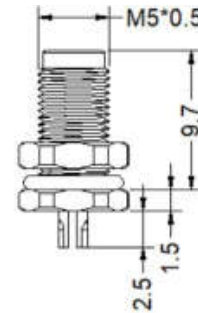
M5 CATALOGUE

M5 A CODE MALE FRONT PANEL MOUNT SOLDER WIRE CONNECTOR

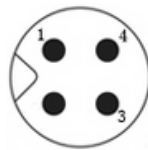
PRODUCT PHOTO



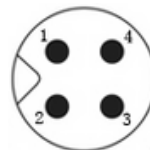
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

3 pins 5H001

4 pins 5H005

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Dip-solder	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

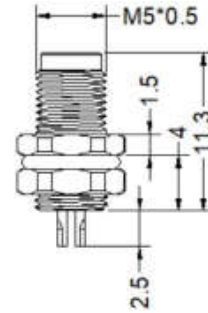
M5 CATALOGUE

M5 A CODE MALE FRONT PANEL MOUNT SOLDER WIRE CONNECTOR

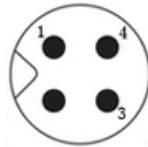
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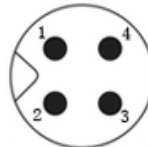
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

3 pins 5H002

4 pins 5H006

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Dip-solder	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

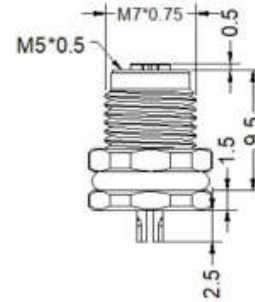
M5 CATALOGUE

M5 FEMALE STRAIGHT FRONT PANEL MOUNT SOLDER WIRE CONNECTOR

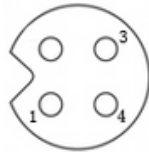
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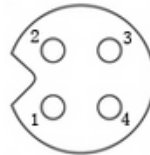
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

3 pins 5H003

4 pins 5H007

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Dip-solder	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

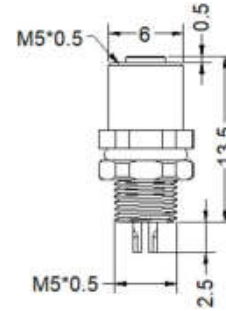
M5 CATALOGUE

M5 FEMALE STRAIGHT REAR PANEL MOUNT SOLDER WIRE CONNECTOR

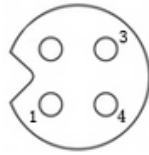
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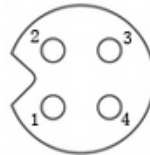
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

3 pins 5H004

4 pins 5H008

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Dip-solder	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

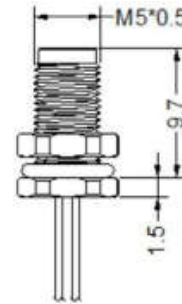
M5 CATALOGUE

M5 MALE STRAIGHT FRONT PANEL MOUNT CONNECTOR WITH WIRE

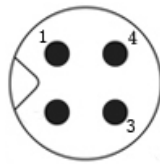
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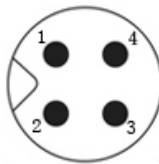
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

3 pins 5D014-X

4 pins 5D001-X

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder PCB	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

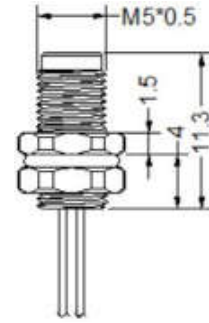
M5 CATALOGUE

M5 MALE STRAIGHT REAR PANEL MOUNT CONNECTOR WITH WIRE

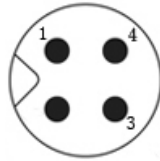
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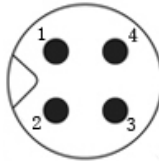
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

3 pins 5D006-X

4 pins 5D002-X

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder PCB	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

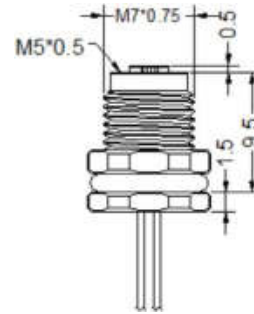
M5 CATALOGUE

M5 FEMALE STRAIGHT FRONT PANEL MOUNT CONNECTOR WITH WIRE

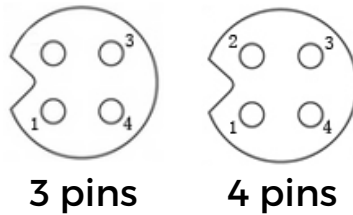
PRODUCT PHOTO



SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins

4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

3 pins 5D016-X

4 pins 5D003-X

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder PCB	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

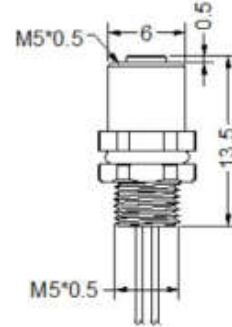
M5 CATALOGUE

M5 FEMALE STRAIGHT REAR PANEL MOUNT CONNECTOR WITH WIRE

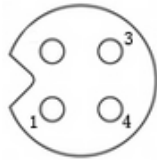
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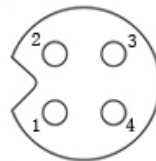
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

3 pins 5D017-X

4 pins 5D004-X

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder PCB	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Black glue	Epoxy resin	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

M5 CATALOGUE

M5 MALE STRAIGHT MOLDED CABLE, UNSHIELDED

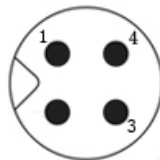
PRODUCT PHOTO



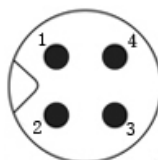
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

	PVC		PUR
	-10°C~+80°C	-40°C~+105°C	-40°C~+105°C
3 pins	5L015-X	5L011-X	5L017-X
4 pins	5L001-X	5L004-X	5L013-X

GENERAL INFORMATION

3 pins

4 pins

Rated voltage	60V
Rated current(40°C)	1A
Standards/regulations	IEC 61076-2-105
Termination	Solder and over-mold
Connector locking system	Screw
Degree of protection	IP67, IP68, IP69K
Wire gauge(mm ²)	0.14mm ²
Wire gauge(AWG)	26AWG
Mechanical operation	>100 mating cycles
Ambient temperature(operation)	-25°C~+85°C
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
Connector body material	TPU
Pin material	Brass with gold plated
Screw material	Brass with nickel plated
Customs tariff number	8538900000
Environmental compliance	RoHs, Reach

M5 CATALOGUE

M5 FEMALE STRAIGHT MOLDED CABLE, UNSHIELDED

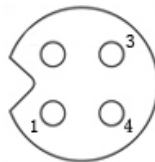
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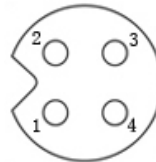
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

	PVC		PUR
	-10°C~+80°C	-40°C~+105°C	-40°C~+105°C
3 pins	5L026-X	5L012-X	5L033-X
4 pins	5L027-X	5L005-X	5L014-X

GENERAL INFORMATION

3 pins

4 pins

Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder and over-mold	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

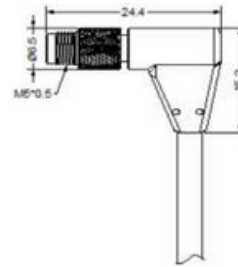
M5 CATALOGUE

M5 MALE RIGHT ANGLE MOLDED CABLE, UNSHIELDED

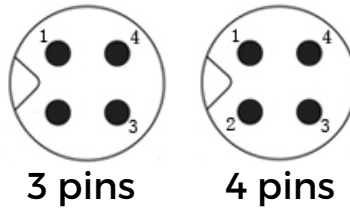
PRODUCT PHOTO



SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



PART NUMBERS

Part number("X" is length millimetre mm)

	PVC		PUR
	-10°C~+80°C	-40°C~+105°C	-40°C~+105°C
3 pins	5L034-X	5L020-X	5L039-X
4 pins	5L006-X	5L008-X	5L037-X

GENERAL INFORMATION

3 pins

4 pins

Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder and over-mold	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

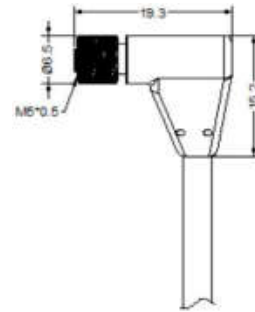
M5 CATALOGUE

M5 FEMALE RIGHT ANGLE MOLDED CABLE, UNSHIELDED/

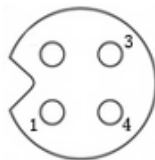
PRODUCT PHOTO



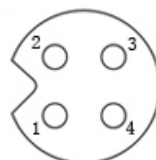
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

	PVC		PUR
	-10°C~+80°C	-40°C~+105°C	-40°C~+105°C
3 pins	5L028-X	5L021-X	5L040-X
4 pins	5L007-X	5L009-X	5L038-X

GENERAL INFORMATION

3 pins

4 pins

Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder and over-mold	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
O-ring material	Fluorine ring	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

M5 CATALOGUE

M5 MALE STRAIGHT MOLDED CABLE, SHIELDED

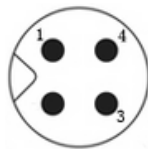
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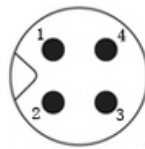
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

	PVC		PUR
	-10°C~+80°C	-40°C~+105°C	-40°C~+105°C
3 pins	5L047-X	5L048-X	5L049-X
4 pins	5L059-X	5L060-X	5L023-X

GENERAL INFORMATION

3 pins

4 pins

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder and over-mold	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
Shielded shee	Brass with nickel plated	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

M5 CATALOGUE

M5 FEMALE STRAIGHT MOLDED CABLE, SHIELDED

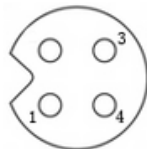
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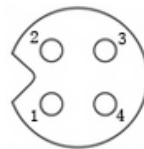
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

	PVC		PUR
	-10°C~+80°C	-40°C~+105°C	-40°C~+105°C
3 pins	5L050-X	5L051-X	5L052-X
4 pins	5L061-X	5L062-X	5L063-X

GENERAL INFORMATION

3 pins

4 pins

Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder and over-mold	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
Shielded shee	Brass with nickel plated	
O-ring material	Fluorine ring	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

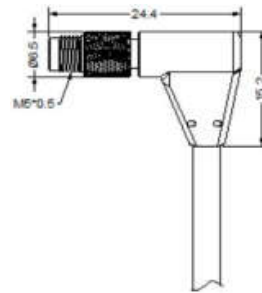
M5 CATALOGUE

M5 MALE RIGHT ANGLE MOLDED CABLE, SHIELDED

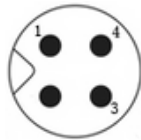
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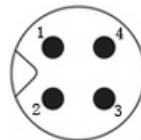
SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



3 pins



4 pins

PART NUMBERS

Part number("X" is length millimetre mm)

	PVC		PUR
	-10°C~+80°C	-40°C~+105°C	-40°C~+105°C
3 pins	5L053-X	5L054-X	5L055-X
4 pins	5L064-X	5L065-X	5L066-X

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder and over-mold	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Brass with gold plated	
Screw material	Brass with nickel plated	
Shielded shee	Brass with nickel plated	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	

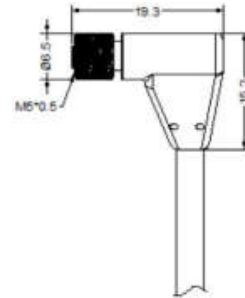
M5 CATALOGUE

M5 FEMALE RIGHT ANGLE MOLDED CABLE, SHIELDED

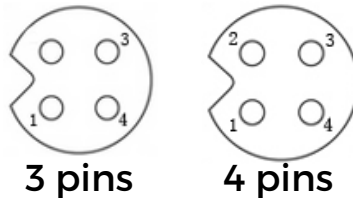
PRODUCT PHOTO



SCALE DRAWING



PIN ASSIGNMENT FRONT VIEW



PART NUMBERS

Part number("X" is length millimetre mm)

	PVC		PUR
	-10°C~+80°C	-40°C~+105°C	-40°C~+105°C
3 pins	5L056-X	5L057-X	5L058-X
4 pins	5L067-X	5L068-X	5L069-X

GENERAL INFORMATION	3 pins	4 pins
Rated voltage	60V	
Rated current(40°C)	1A	
Standards/regulations	IEC 61076-2-105	
Termination	Solder and over-mold	
Connector locking system	Screw	
Degree of protection	IP67, IP68, IP69K	
Wire gauge(mm ²)	0.14mm ²	
Wire gauge(AWG)	26AWG	
Mechanical operation	>100 mating cycles	
Ambient temperature(operation)	-25°C~+85°C	
Contact resistance	≤5mΩ	
Insulation resistance	≥100MΩ	
Connector body material	TPU	
Pin material	Phosphorus copper with gold plated	
Screw material	Brass with nickel plated	
Shielded shee	Brass with nickel plated	
O-ring Material	Fluorine ring	
Customs tariff number	8538900000	
Environmental compliance	RoHs, Reach	