

# 5641 Series

# M12 Rear Fastened Panel Mount Straight Solder Type

### General specifications

Insulator material	Nylon 66 UL94V-0, color: black
Contact material	Brass, plating: gold
Nut/Screw material	Brass, plating: nickel
Current rating, voltage rating	see table
Contact resistance	5 mΩ max.
Insulator resistance	100 MΩ min.
Dielectrical withstanding	500 VAC for 1 min
Operating temperature	-40 °C to +100 °C
IP-Rating	IP 65
Soldering	Lead free hand soldering

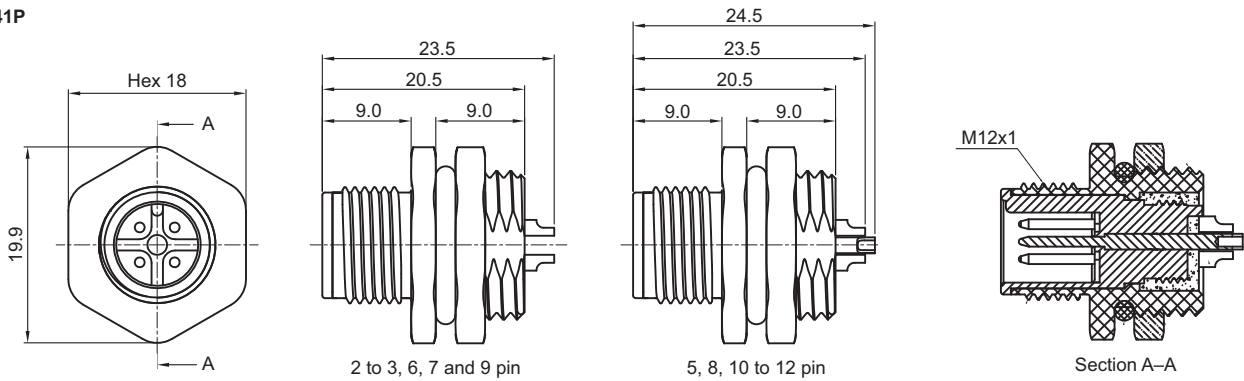
### Mating parts series



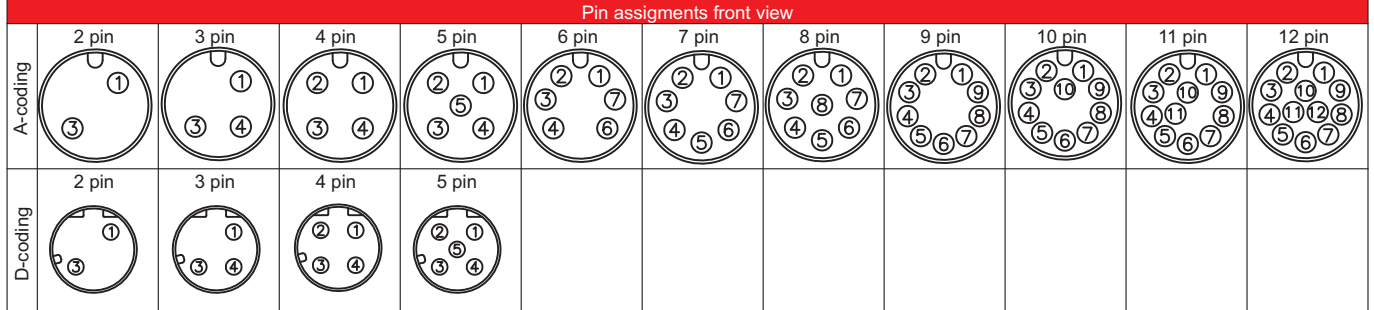
### Mechanical dimensions

5641P

Unit: mm

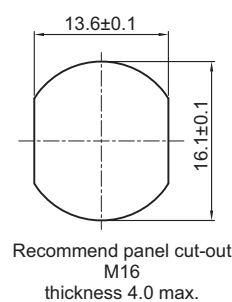
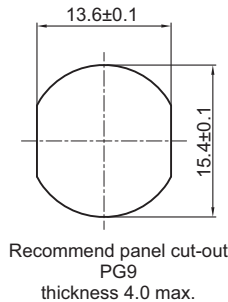


### Pin assignments front view



### Electrical specification

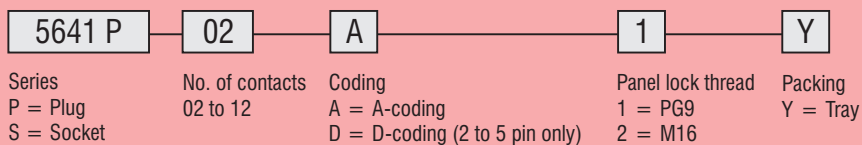
Pins	Current rating	Voltage rating
02	4.0 A	250 V AC/DC
03	4.0 A	250 V AC/DC
04	4.0 A	250 V AC/DC
05	4.0 A	60 V AC/DC
06	2.0 A	30 V AC/DC
07	2.0 A	30 V AC/DC
08	2.0 A	30 V AC/DC
09	1.5 A	30 V AC/DC
10	1.5 A	30 V AC/DC
11	1.5 A	30 V AC/DC
12	1.5 A	30 V AC/DC



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Tolerances	
Linear	.X ± 0.3 .XX ± 0.2

### Part numbering guide



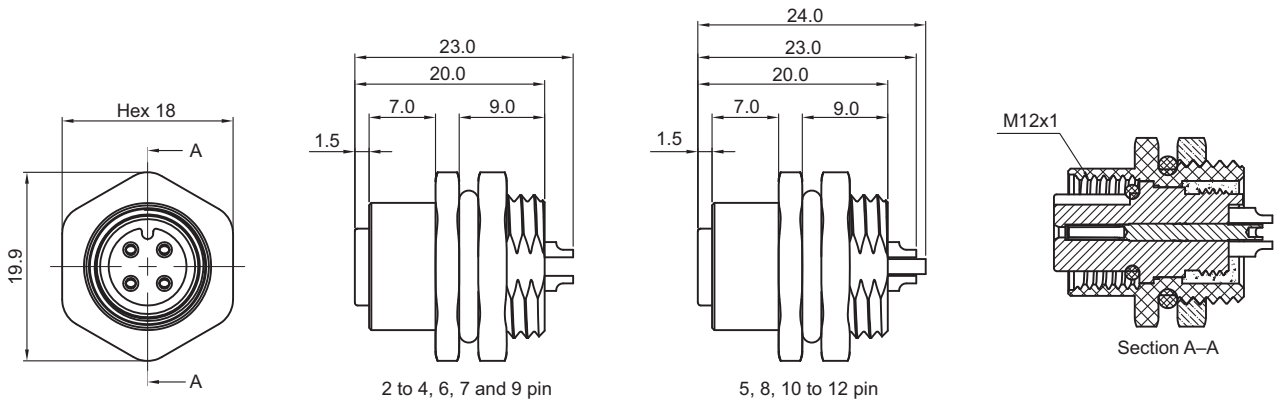
\* standard



Mechanical dimensions

Unit: mm

5641S



Pin assignments front view

	2 pin	3 pin	4 pin	5 pin	6 pin	7 pin	8 pin	9 pin	10 pin	11 pin	12 pin
A-coding											
D-coding											

Tolerances

Linear	.X	± 0.3
	.XX	± 0.2

