

5640 Series

M12 Front Fastened Panel Mount Right Angle THT

General specifications

Insulator material	PA66 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	see table
Operating temperature	-25 °C to +90 °C
IP-Rating	IP 65
Soldering	Lead free wave soldering process

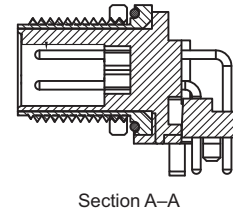
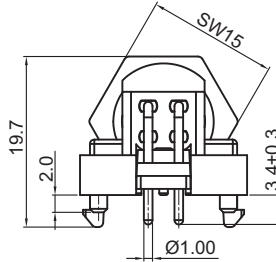
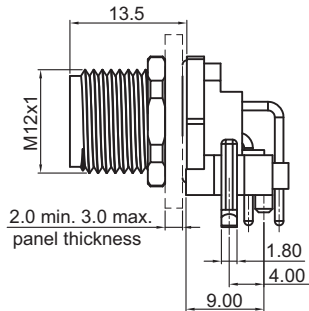
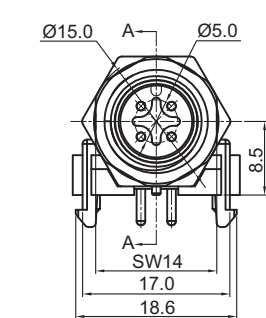
Mating parts series



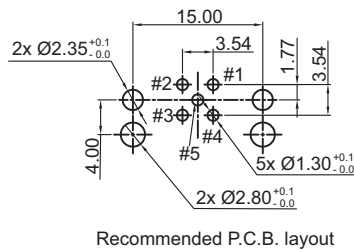
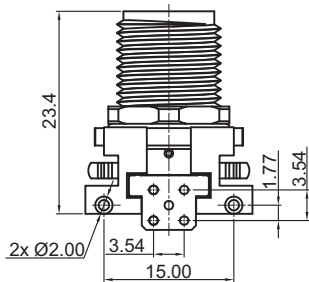
Mechanical dimensions

Unit: mm

5640P (3 to 5 pin)



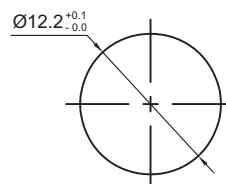
Section A-A



Recommended P.C.B. layout

Pin assignments front view

A-coding	3 pin	4 pin	5 pin
D-coding	3 pin	4 pin	5 pin



Recommended panel cut-out thickness 2 min. to 3 max.

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Electrical specification

Pins	Current rating	Voltage rating	Dielectrical withstanding
03	4.0 A	250 V AC/DC	500 VAC for 1 min
04	4.0 A	250 V AC/DC	500 VAC for 1 min
05	4.0 A	60 V AC/DC	500 VAC for 1 min
08	2.0 A	30 V AC/DC	250 VAC for 1 min

Tolerances		
Linear	X	± 0.2
	XX	± 0.15

Part numbering guide

5640 P	03	A	Y
Series P = Plug S = Socket	No. of contacts 03 to 05, 08	Coding A = A-coding D = D-coding (3 to 5 pin only)	Packing Y = Tray

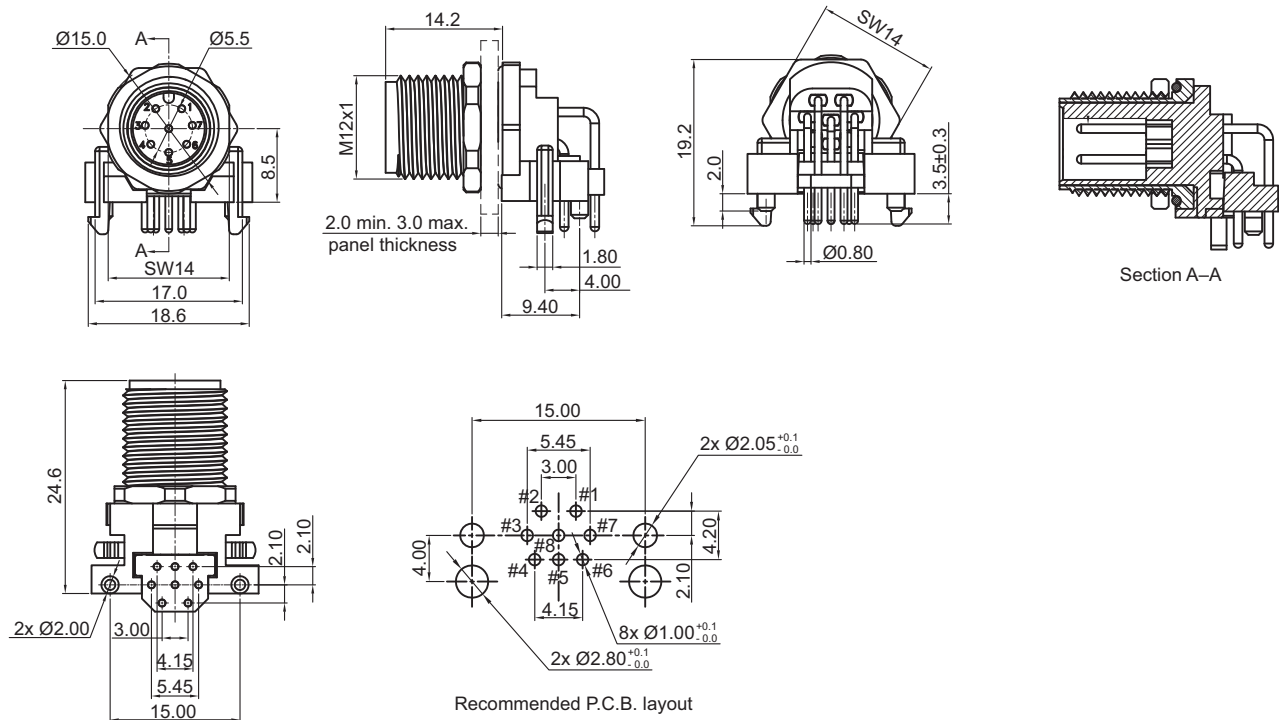
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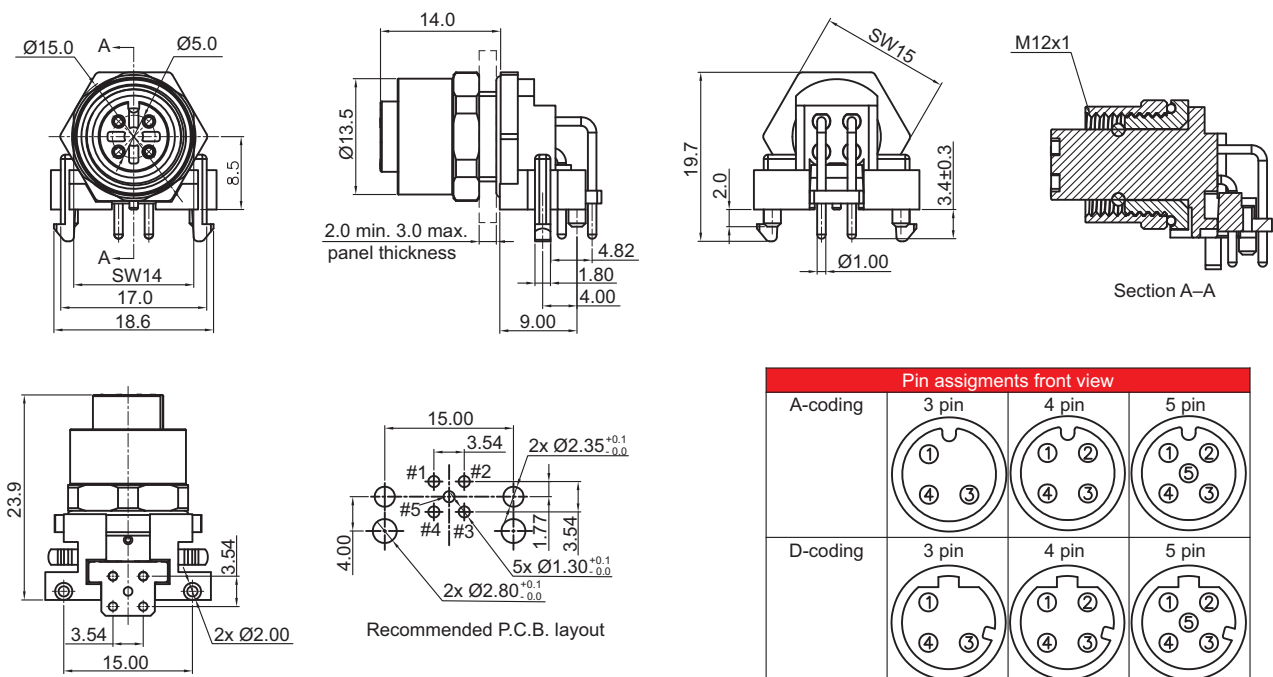
Mechanical dimensions

Unit: mm

5640P (8 pin)



5640S (3 to 5 pin)



Pin assignments front view			
A-coding	3 pin 	4 pin 	5 pin
D-coding	3 pin 	4 pin 	5 pin

Tolerances		
Linear	X	± 0.2
	.XX	± 0.15

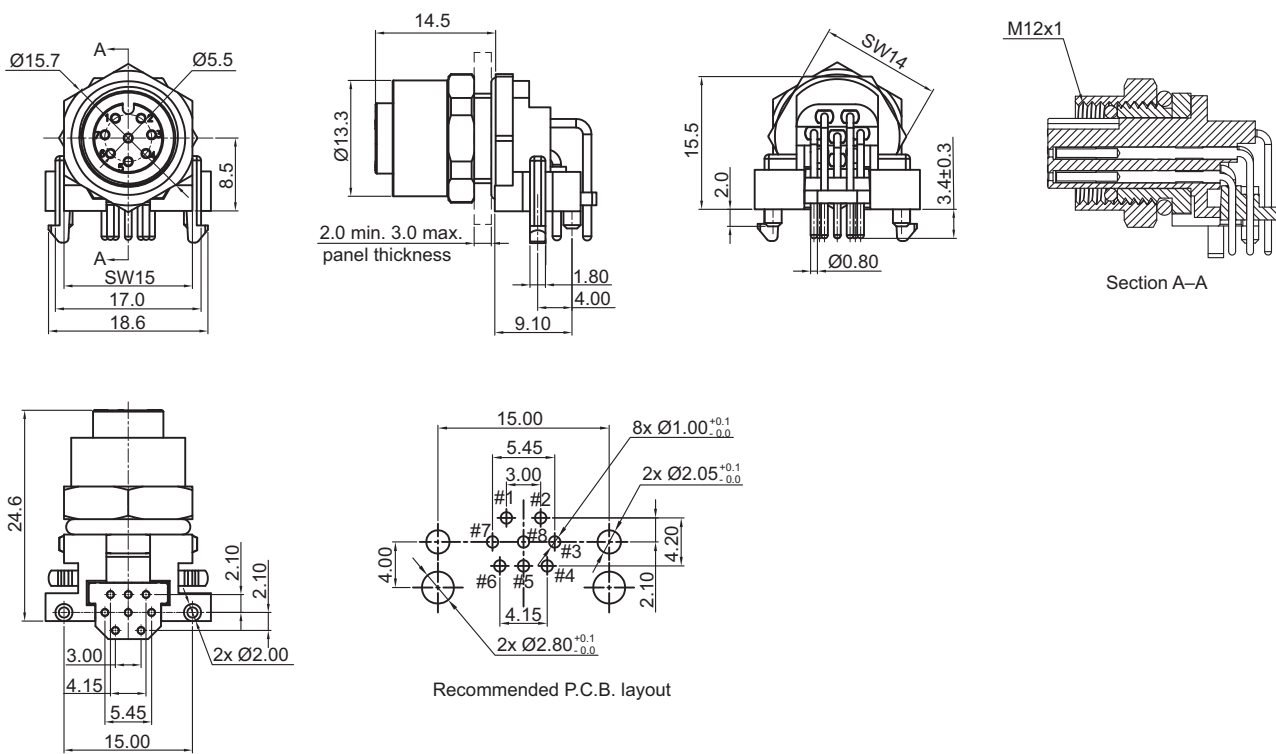
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Mechanical dimensions

Unit: mm

5640S (8 pin)



Tolerances		
Linear	.X	± 0.2
	.XX	± 0.15

