

Electrical: 10A, 300V, 22-14AWG	*Color: Black Housing Gray Cover Plate
Materials: Housing - PA-GF Front Plate - PBT Terminals - PA	Terminal Type: Fixed Screw
Temperature Range: Up to 120°C (248°F)	Terminal Screw Size: M2.5
Flammability Rating: UL94 V-O	Recommended Torque: 0.5Nm
	Max. PCB's: (2) Vertical
	Mounting: 35mm DIN Rail

Part Number	Type	Terminals	PCB Connection
90.160	KS4404/F	Fixed Screw	Machine Solder

Accessories	Part Number	Type
1 Meter DIN Rail	2511120/1M	TS35x7.5/1M
Terminal Blanking Plug	90.190	KS4403-5-1
Light Pipes, 3mm Grid	90.191	KS4400-7-1
Light Pipes, 5mm Grid	90.192	KS4400-6-1

[illegible][illegible]

Electrical:	*Color: Black Housing
10A, 300V, 30-12AWG (Screw);	Gray Cover Plate
10A, 300V, 26-12AWG (Spring)	
Materials:	Terminal Type:
Housing - PA-GF	Pluggable Screw /
Front Plate - PBT	Pluggable Spring
Terminals - PA	
Temperature Range:	Terminal Screw Size: M2.5
Up to 120°C (248°F)	Recommended Torque:
Flammability Rating:	0.5Nm
UL94 V-O	Max. PCB's:
	(2) Vertical
	Mounting:
	35mm DIN Rail

Part Number	Type	Terminals	PCB Connection
90.161	KS4404/PS	Pluggable Screw	Machine Solder
90.162	KS4404/PC	Pluggable Spring	Machine Solder

Accessories	Part Number	Type
1 Meter DIN Rail	2511120/1M	TS35x7.5/1M
Terminal Blanking Plug	90.190	KS4403-5-1
Light Pipes, 3mm Grid	90.191	KS4400-7-1
Light Pipes, 5mm Grid	90.192	KS4400-6-1

Technical drawing of the 3.05mm PCB thickness version of the 100-pin connector. The drawing includes a top view and three cross-sectional views (A-A, A-A, and DIN Rail). The top view shows a rectangular connector with a width of 122.6mm and a height of 109mm. The internal structure is divided into four horizontal sections with widths of 21mm, 16.05mm, 34.5mm, and 21mm. The cross-sectional views show the internal components, including the PCB and the DIN Rail. The PCB thickness is 3.05mm. The DIN Rail is shown on the right side of the connector.

*) 3.05 with printed circuit board thickness $t = 1 \text{ mm}$

Technical drawing of a PCB layout showing component and solder side views with dimensions and annotations.

Component side

Dimensions (mm):

- 99.9
- 80.35
- 79.65
- 78.8
- 55.2
- 94.02
- 107.8
- 91.35
- 84.1
- 69.6
- 63.35
- 47.8
- 27.35
- 3.6
- 31.5
- 50.5
- 72.26
- 96
- 96.35
- 99

Annotations:

- 3x connection strip left
- 3x connection strip right
- 24x08 1.4
- 13.4
- 11
- 36°
- 36°
- 406
- R797.1
- R1.05
- t= 1.5
- blank space will drop at pcb thickness 1 mm

Solder side

Dimensions (mm):

- 92.7
- 95
- 21
- 21

Legend:

- non dimensioned radii max R1
- inhibited surface

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