

Product data sheet

Item No. 92.034.0058.1

Male connector GST18i3L S1H SW

Device connectors, PCB mount, GST18i3, 3 pole, horizontal, male, 250 V, 20 A, colour of coding: black



Item No.	92.034.0058.1
EAN	4015573454002
Order Unit	100 Piece(s)

Certificates / Approvals



Technical data

General

Rated current	20 A
Rated voltage	250 V
Pollution degree	2
Mechanical coding	Code 1
Rated impulse voltage	4 kV
Interlockable	Yes
Color of coding/ contact carrier	Black
Marking of poles	

Connection Data

Terminations per pole	1
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Model

Model	male
Number of poles	3
Connection type	Soldering connection
Connecting thread metric	No thread
Angle of plug	Square

Degree of protection (IP)	IP40
Built-in component	Soldering connection

Material

Housing material	Polyamide
Halogen free	Yes
Contact material	CuZn
Insulation components continuous temperature	100 °C
Surface finish	Tin-plated

Dimensions

Length	24 mm
Width	28.2 mm
Height	13 mm

Technical Drawing of Male Connector (GST1813L S1H WS)

Views and Dimensions:

- Front View:** Shows three circular contacts with a diameter of $\phi 2$ and a spacing of 2,5 mm between them.
- Side View:** Shows the profile of the connector with a total width of 24 mm, a contact width of 19 mm, and a contact height of 10 mm. The overall height is 28,2 mm.
- Cross-sectional View:** Shows the internal structure of the connector with a total length of 20,5 mm, a contact length of 13 mm, and a contact diameter of $\phi 1,2$. The contact is positioned 3,3 mm from the base.

Dimensions:

- 2,5 mm (Contact spacing)
- $\phi 2$ (Contact diameter)
- 24 mm (Total width)
- 19 mm (Contact width)
- 10 mm (Contact height)
- 28,2 mm (Overall height)
- 20,5 mm (Total length)
- 13 mm (Contact length)
- $\phi 1,2$ (Contact diameter)
- 3,3 mm (Contact offset)
- 6,5 mm (Contact offset)

Table 1: Part Numbers and Colors

Teilenummer part number	Farbe colour	Typ type
92.034.0058.0	weiss/white	GST1813L S1H WS
92.034.0058.1	schwarz/black	GST1813L S1H SW

Table 2: Technical Specifications and Drawing Data

Freitoleranz nach General tolerance		CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed		1. Verwendung: - First Use:		Blatt: 1 von 1 Sheet: 1 of 1	
Werkstoff/Material	2005	Tag/Date	Name	Zeichnung Nr./Drawing No.		Index	
Maßstab/Scale 2:1	gezeichnet drawn	16.11.	Schmitt J.	92.034.0058.0 01K		a	
	geprüft checked	-	-				
	Normgepr. Stand. check	-	-				
Vol.		Ersatz für/Replacement for: -		Maße in mm/Dimensions are in mm			
a		Type		Benennung/Title			
27.06.2013/ Datum / Blatt Date / Sheet		wieland		MALE CONNECTOR STECKERTEIL			
Änderung/Revision		Elektrische Verbindungen		Lötanschluss, rechth./soldered connect. horizontal 250V AC 20A			

