

3 KEY, 60x20 mm, common line

Type	1T3ST1	flat overlay, non tactile
Туре	1TF3ST1	embossed keys, soft touch
Туре	1TC3ST1	flat overlay, metal snap domes
Type	1TCF3ST1	embossed keys and metal domes

The antiscratching polyester graphic layer has 2 colours: ground and text are black, keys' ground is jellow.

Different colours or customized graphic by request.

All keyboard layers are laser cut.

Keys 1 and 3 may be cut out, without affect the others.

Mounting closely 2 keyboards or more (horizontally or vertically as well), the customer can built a device with whenever number of keys, customizable by an entire overlay.

Circuit, spacer, and tail cover: polyester. Rear adhesive layer: 3M468. Tracks and pads: silver.

Connector: female, 4 ways on 2.54mm pitch.

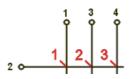
Embossing on type 1TF and 1TCF: Ø 11mm round, 0,5mm thick.

Your key panel must be stuck on a smooth, clean and dry surface.





this keyboard (framed) can be assembled with Teko 10007.5 - 10007.9 and Okw A9050107 enclosure too



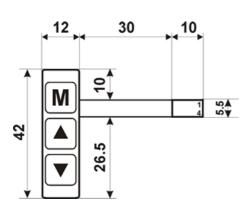
RohS Conformity: this product is compliant to european directive 2002/95/CEE - 27/01/2003











3 KEY, 42x12 mm, common line

Type 1T3ST2 flat overlay, non tactile
Type 1TF3ST2 embossed keys, soft touch

The antiscratching polyester graphic layer has 2 colours: ground and text are black, keys' ground is jellow.

Different colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester. Rear adhesive layer: 3M468. Tracks and pads: silver.

Tail: 4 ways on 1.00 mm pitch, supplied without crimped connector: a special ZIF (Zero Insertion Force) connector is directly soldered on customer's motherboard.

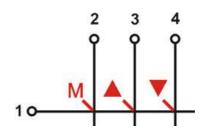
(a suggested connector is the Molex 52207-0485 connector). In the final assembly the keyboard tail is simply inserted into it.

The thickness of the tail terminal is increased to 0.30 mm to assure a good contact pressure on your ZIF connector.

Embossing on type 1TF: Ø 0,8mm round, 0,5mm thick.

Your key panel must be stuck on a smooth, clean and dry surface.





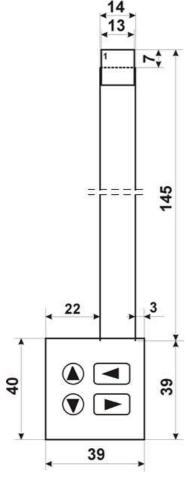
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4 KEY, 39x40 mm, common line

Туре	1T4ST1	flat overlay, non tactile
Туре	1TF4ST1	embossed keys, soft touch
Туре	1TC4ST1	flat overlay, metal snap domes
Type	1TCF4ST1	embossed keys and metal domes

Two colours' graphic layer: black the ground and text, orange the keys' ground.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silk screened silver.

Connector: female, 5 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 7mm round, 0.5mm thick.

Lenght of the tail (145mm standard) can be shortened to a customized size.

Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.

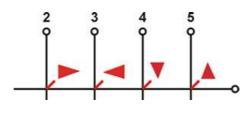


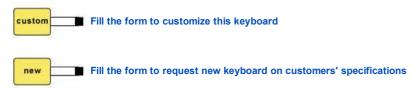


this keyboard (if framed) can be assembled with **Teko** 10007.5 enclosure too

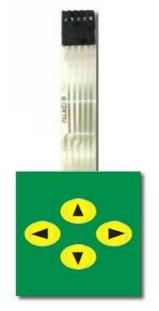
RohS Conformity: this product is compliant to

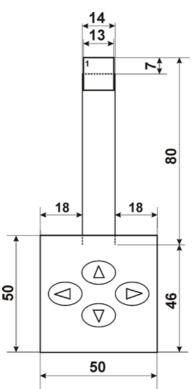
european directive 2002/95/CEE - 27/01/2003











4 KEY, 50x50 mm, common line

Туре	1T4ST2	flat overlay, non tactile
Туре	1TF4ST2	embossed keys, soft touch
Туре	1TC4ST2	flat overlay, metal snap domes
Туре	1TCF4ST2	embossed keys and metal domes

Two colours' graphic layer: black the ground and text, orange the keys' ground.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silk screened silver.

Connector: female, 5 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 8mm round, 0.5mm thick.

Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.



customize your keyboard! (CDR)

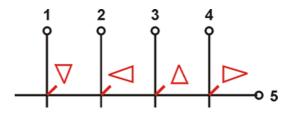




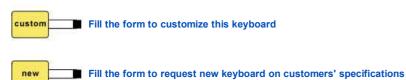
this keyboard (if framed) can be assembled with **Teko** MC11.7 enclosure too

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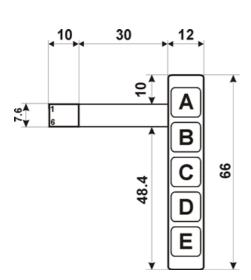
Keyboards materials and finishing, electrical and mechanical specification



1







5 KEY, 66x12 mm, common line

Туре	1T5ST1	flat overlay, non tactile
Туре	1TF5ST2	embossed keys, soft touch

The antiscratching polyester graphic layer has 2 colours: ground and text are black, keys' ground is jellow.

Different colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester. Rear adhesive layer: 3M468. Tracks and pads: silver.

Tail: 6 ways on 1.00 mm pitch, supplied without crimped connector: a special ZIF (Zero Insertion Force) connector is directly soldered on customer's motherboard.

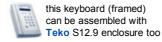
(a suggested connector is the **Molex** 52610-0671 connector). In the final assembly the keyboard tail is simply inserted into it.

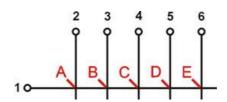
The thickness of the tail terminal is increased to 0.30 mm to assure a good contact pressure on your ZIF connector.

Embossing on type 1TF: Ø 0,8mm round, 0,5mm thick.

Your key panel must be stuck on a smooth, clean and dry surface.







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Keyboards materials and finishing, electrical and mechanical specification

Fill the form to customize this keyboard

Fill the form to request new keyboard on customers' specifications

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89 9 55,5 6,5 65 ~ \$ 26 27 10

8 KEY, 89x49 mm, common line

Type	1T8ST1	flat overlay, non tactile
Type	1TF8ST1	embossed keys, soft touch
Type	1TC8ST1	flat overlay, metal snap domes
Type	1TCF8ST1	embossed keys and metal domes

Two colours' graphic layer: black the ground and text, orange the keys' ground.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

The pin number 1 (first left) of tail is not in use. On RFI shielded keyboard (optional version), the pin 1 become the connection for the ground track.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silk screened silver.

Connector: female, 10 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 11mm round, 0.5mm thick.

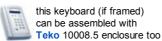
Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.



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Keyboards materials and finishing, electrical and mechanical specification



used for ground track on shielded version keyboard

Pin number 1 not connected.





8 KEY, 230x30 mm, common line, shielded

Туре	1T8ST2	flat overlay, non tactile
Туре	1TF8ST2	embossed keys, soft touch
Туре	1TC8ST2	flat overlay, metal snap domes
Туре	1TCF8ST2	embossed keys and metal domes

Two colours' graphic layer: black the ground and text, orange the keys' ground.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

A graphite coating is silk screened back to the graphic layer to eliminate the radio frequence interferences (RFI).

A tin plated spring links the graphic layer with the track number 10. This track will be connected to the ground.

Circuit, spacer, and tail cover: polyester.

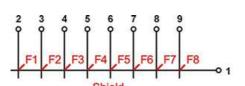
Rear adhesive layer: 3M468.
Tracks and pads: silk screened silver.

Connector: female, 10 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 11mm round, 0.5mm thick.

Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.



[1] [2] [2] [2] [3] [4] [5] [6] [7] [8]



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this keyboard (if framed) can be assembled with OKW A0214070 enclosure too

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Keyboards materials and finishing, electrical and mechanical specification



Fill the form to request new keyboard on customers' specifications

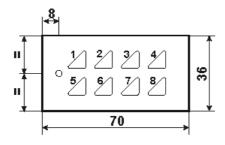
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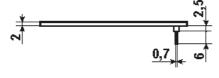
new

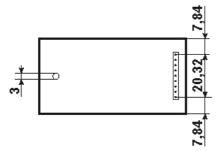












8 KEY, 70x36 mm, rigid, common line

Type 4T8ST1 flat overlay, non tactile
Type 4TF8ST1 embossed keys, soft touch

The antiscratching polyester graphic layer has 2 colours: ground is black,

keys' outline and numbers are green.

Two holes for LED on left side.

Different colours or customized graphic on demand.

Except for circuit, all keyboard layers are laser cut.

FR2 circuit (backelite 1,5mm) has tin plated tracks.

Silver contact pads.

Polyester spacer.

Connector: male, 9 ways on 2.54mm pitch, rear side.

Embossing on type 4TF: Ø 9mm round, 0,5mm thick.

Fit the keyboard by screws or by epoxy resins.

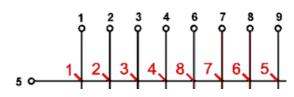


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this keyboard (if framed) can be assembled with Teko 101.5 e 101.9 enclosure too



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Keyboards materials and finishing, electrical and mechanical specification

custom Fill the form to customize this keyboard

new

Fill the form to request new keyboard on customers' specifications

4





12 KEY, 57x73 mm, matrix

Type 1T12ST1 flat overlay, non tactile

Type 1TF12ST1 embossed keys, soft touch

Type 1TC12ST1 flat overlay, metal snap domes

Type 1TCF12ST1 embossed keys and metal domes

Tail: after the 100 mm standard lenght, a 200 mm version is available.

Two colours' graphic layer: black the ground and text, jellow the keys' ground.

Other colours or customized graphic by request.

Rear silk-screened on antiscratching polyester.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silver.

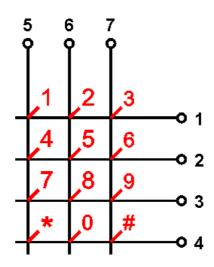
Connector: female, 7 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 11mm round, 0,5mm thick.

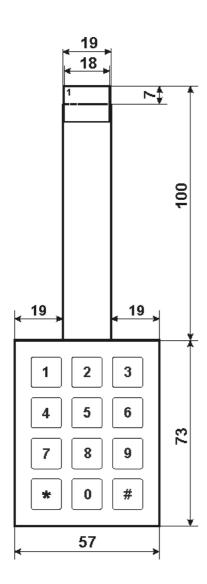
Don't trap grains or air bubbles between keyboard and background.



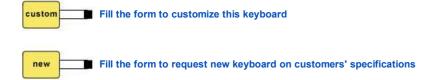
Teko TK-F.7 enclosures too



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Keyboards materials and finishing, electrical and mechanical specification



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19 18 14,5 14,5 **R** 2 1 2 3 5 4 6 65 7 8 9 0 # * 48

12 KEY, 48x65 mm, matrix

Type 1T12ST2 flat overlay, non tactile

Type 1TF12ST2 embossed keys, soft touch

Type 1TC12ST2 flat overlay, metal snap domes

Type 1TCF12ST2 embossed keys and metal domes

Two colours' graphic layer: black the ground and text, jellow the keys' ground.

Other colours or customized graphic by request.

Rear silk-screened on antiscratching polyester.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silver.

Connector: female, 7 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 11mm round, 0,5mm thick.

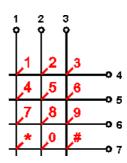
Don't trap grains or air bubbles between keyboard and background.



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this keyboard (framed) can be assembed with **Okw** A9052107 enclosure too



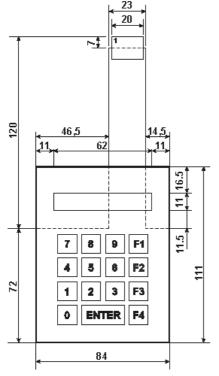
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15 KEY, 84x111 mm, matrix, display window

Туре	1T15DS1	flat overlay, non tactile
Туре	1TF15DS1	embossed keys, soft touch
		flat overlay, metal snap domes
Туре	1TCF15DS1	embossed keys and metal domes

Five colours' polyester graphic layer: text and keys' frame are black, background is blue, key's backgrounds are yellow.

Tail begins below the transparent LCD window.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silver.

Connector: female, 8 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 11mm round, 0.5mm thick.

Don't trap air bubbles when mounting.

Stick your keyboard on a smooth and clean surface.

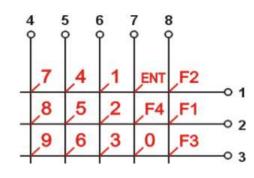


customize your keyboard! (CDR)





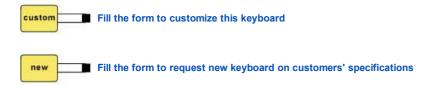
this keyboard (if trimmed)
can be assembled with
Okw A0612007 and A0612107
enclosure too



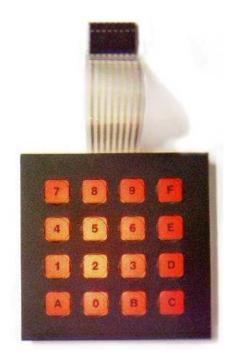
RohS Conformity: this product is compliant to

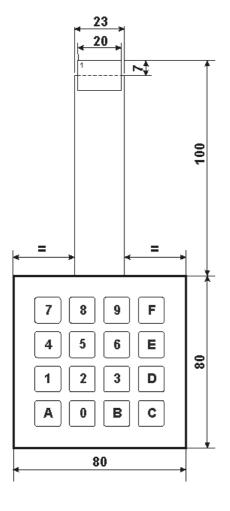
european directive 2002/95/CEE - 27/01/2003

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16 KEY, 80x80 mm, matrix, back-light

Type 1T16BL1 flat overlay, non tactile
Type 1TF16BL1 embossed keys, soft touch

Two colours' graphic layer: black the ground and text, transparent, transparent red or transparent green the keys' ground.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks' material: silver. Contacts' material: indium oxide.

Connector: female, 8 ways on 2.54mm pitch.

Embossing on type 1TF: Ø 11 mm round, 0.5 mm thick.

The contact resistance is very high: over 20 kohms with a pressure of 500 grams on button, so this indium-oxide-contact keyboards, can be used only on high impedance circuits or interfacing the keyboard by an operational amplifier.

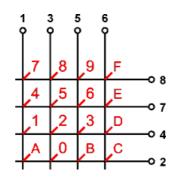
Apply the keyboard on a transparent, not brittle material (polycarbonate is the best) at last 3-4 mm thick, according the size of your panel.

If the panel is painted or coated, please reserve a minimum transparent squared zone of 60 x 60 mm under the keyboard.

Stick your keyboard on a smooth and clean surface. Don't trap air bubbles when mounting.



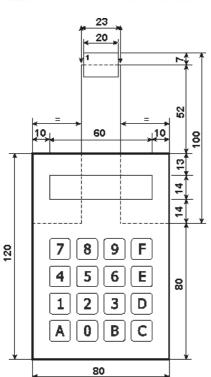




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16 KEY, 80x120 mm, matrix, display window

Туре	1T16DS1	flat overlay, non tactile
Туре	1TF16DS1	embossed keys, soft touch
Туре	1TC16DS1	flat overlay, metal snap domes
Туре	1TCF16DS1	embossed keys and metal domes

Two colours' graphic layer: black the ground and text, jellow the keys'ground.

Other colours or customized graphic by request.

Rear silk-screened on antiscratching polyester.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silver.

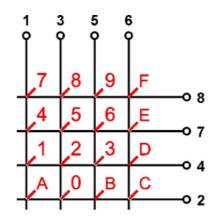
Connector: female, 8 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: \varnothing 11mm round, 0,5mm thick.

Don't trap air bubbles when mounting.

Stick your keyboard on a smooth and clean surface.



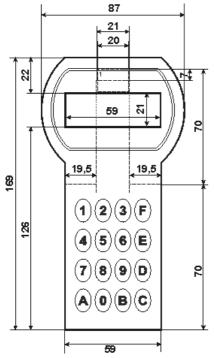


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16 KEY, 88x169 mm, matrix, display window

Type 1T16DS2 flat overlay, non tactile

Type 1TF16DS2 embossed keys, soft touch

Type 1TC16DS2 flat overlay, metal snap domes

Type 1TCF16DS2 embossed keys and metal domes

Two colours' graphic layer: black the ground and text, jellow the keys'ground.

Other colours or customized graphic by request.

Rear silk-screened on antiscratching polyester.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silver.

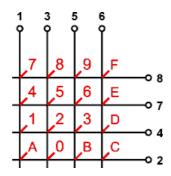
Connector: female, 8 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 11mm round, 0,5mm thick.

Don't trap air bubbles when mounting.

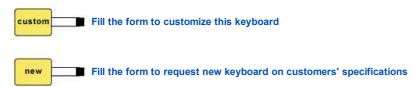
Stick your keyboard on a smooth and clean surface.





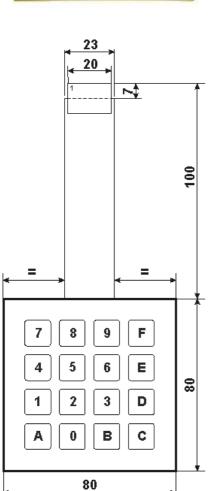
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16 KEY, 80x80 mm, matrix

Туре	1T16ST1	flat overlay, non tactile
Type	1TF16ST1	embossed keys, soft touch
Type	1TC16ST1	flat overlay, metal snap domes
Type	1TCF16ST1	embossed keys and metal domes

Two colours' graphic layer: black the ground and text, jellow the keys'ground.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468. Tracks and pads: silver.

Connector: female, 8 ways on 2.54mm pitch.

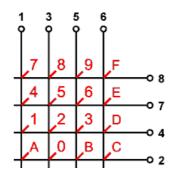
Embossing on type 1TF and 1TCF: \varnothing 11mm round, 0.5mm thick.

Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.





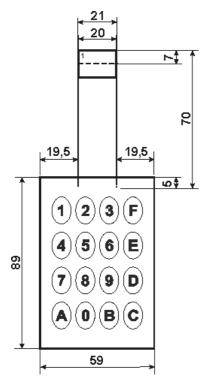


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16 KEY, 59x89 mm, matrix

Туре	1T16ST2	flat overlay, non tactile
Type	1TF16ST2	embossed keys, soft touch
Туре	1TC16ST2	flat overlay, metal snap domes
Туре	1TCF16ST2	embossed keys and metal domes

Two colours' graphic layer: black the ground and text, jellow the keys'ground.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468. Tracks and pads: silver.

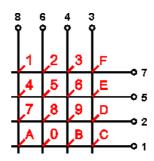
Connector: female, 8 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: \emptyset 11mm round, 0.5mm thick.

Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.

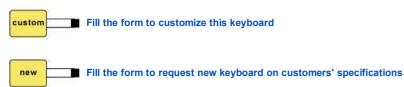




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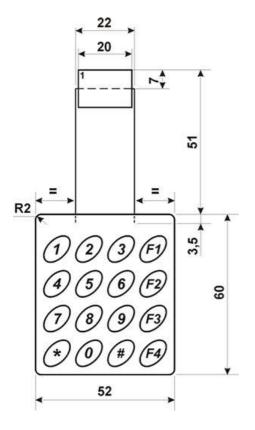
european directive 2002/95/CEE - 27/01/2003

 $\label{lem:keyboards} \textbf{Keyboards materials and finishing, electrical and mechanical specification}$









16 KEY, 52x60 mm, matrix

Туре	1T16ST3	flat overlay, non tactile
Туре	1TF16ST3	embossed keys, soft touch
Туре	1TC16ST3	flat overlay, metal snap domes
Type	1TCF16ST3	embossed keys and metal domes

Two colours' graphic layer: black the text,

gray the keys'ground.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468. Tracks and pads: silver.

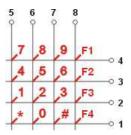
Connector: female, 8 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: \emptyset 11mm round, 0.5mm thick.

Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.



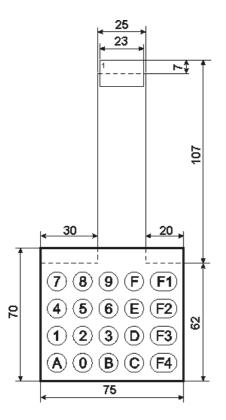


RohS Conformity: this product is compliant to european directive 2002/95/CEE - 27/01/2003









20 KEY, 75x70 mm, matrix

Type 1T20ST1 flat overlay, non tactile

Type 1TF20ST1 embossed keys, soft touch

Type 1TC20ST1 flat overlay, metal snap domes

Type 1TCF20ST1 embossed keys and metal domes

Three colours' graphic layer: jellow the keys'ground, orange the function keys' ground, gray the text an the background.

Rear silk-screened on antiscratching polyester.

Other colours or customized graphic by request.

All keyboard layers are laser cut.

Tail begins inside the panel edge.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468. Tracks and pads: silver.

Connector: female, 9 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: the shape of buttons, 0.5mm thick.

Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.

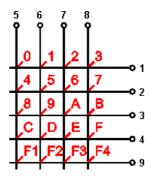


customize your keyboard! (CDR)





this keyboard (if framed) can be assembled with Okw A9061117 enclosure too



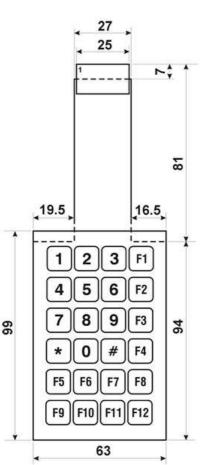
RohS Conformity:

this product is compliant to european directive 2002/95/CEE - 27/01/2003









24 KEY, 63x99 mm, matrix

Type 1T24ST1 flat overlay, non tactile

Type 1TF24ST1 embossed keys, soft touch

Type 1TC24ST1 flat overlay, metal snap domes

Type 1TCF24ST1 embossed keys and metal domes

Tail: after the 81 mm standard lenght, a 51 mm version is available.

Two colours' graphic layer: black the ground and text, jellow the keys' ground.

Other colours or customized graphic by request.

Rear silk-screened on antiscratching polyester.

All keyboard layers are laser cut.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silver.

Connector: female, 10 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: Ø 11mm round, 0,5mm thick.

Don't trap grains or air bubbles between keyboard and background.

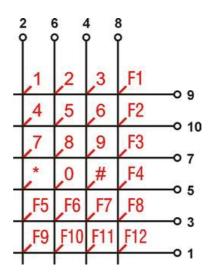


customize your keyboard! (CDR)





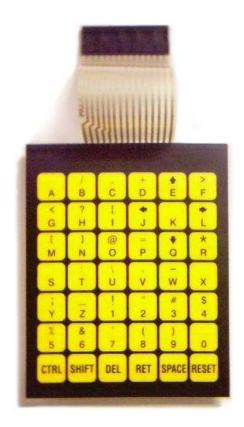
this keyboard (framed) can be assembed with **Teko** TK-F.7 and TK-S.7 enclosures too

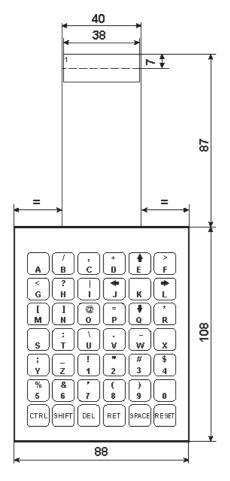


RohS Conformity: this product is compliant to

european directive 2002/95/CEE - 27/01/2003







42 KEY, 88x108 mm, matrix plus single key

Type	1T42ST1	flat overlay, non tactile
Type	1TF42ST1	embossed keys, soft touch
Type	1TC42ST1	flat overlay, metal snap domes
Type	1TCF42ST1	embossed keys and metal domes

Two colours' graphic layer: letters and background are black, jellow thekeys' ground, white the background.

Rear silk-screened on antiscratching polyester.

All keyboard layers are laser cut.

Other colours or customized graphic by request.

Circuit, spacer, and tail cover: polyester.

Rear adhesive layer: 3M468.

Tracks and pads: silver.

Connector: female,15 ways on 2.54mm pitch.

Embossing on type 1TF and 1TCF: the shape of buttons, 0.5mm thick.

Stick your keyboard on a smooth and clean surface.

Don't trap air bubbles when mounting.

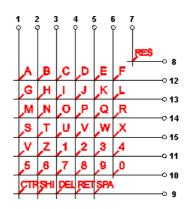


customize your keyboard! (CDR)





this keyboard (if framed) can be assembled with the **Teko** 2H.3 enclosure too



RohS Conformity: this product is compliant to

european directive 2002/95/CEE - 27/01/2003