Screw Terminal
DTP-64A

* Specifications, color and design of the products are subject to change without notice.

The DTP-64A is a screw terminal fastened with screws, which relays the I/O wirings of CONTEC interface board or card with a 96-pin half-pitch connector.

The pins in the 96-pin half-pitch connector correspond to their respective terminals on the terminal strips on a one-to-one basis, allowing you to easily connect the board to an external device via the terminal strips.

Features

A signal line from an external device can be connected to the terminal simply by using screws.

The optional cable can be used to connect easily to the board/card.

Specification

Item		Specifications
Terminal		
	Terminal type	SMKDSP1.5/24-5.08 [mfd. by PHOENIX CONTACT] equivalent
	Number of terminals on terminal strips	96 pin
	Stripped length (mm)	6
	Screws	M3
	Connectable wire (mm2)	Maximum connection range : 0.13 - 1.5 Single wires : 0.5 - 1.5 Stranded wires : 0.5 - 1.5
	Acceptable voltage	60V
	Acceptable current	1A
Connector		
	Connector used	PCR-E96MD+ [mfd. by HONDA TSUSHIN KOGYO Co., LTD] equivalent
	Applicable connector	PCR-E96FA [mfd. by HONDA TSUSHIN KOGYO Co., LTD] equivalent
Dimensions (mm)		170(W) x 122(H)
Certification		RoHS

Packing List

Body …1
User's Guide …1
Warranty Certificate …1
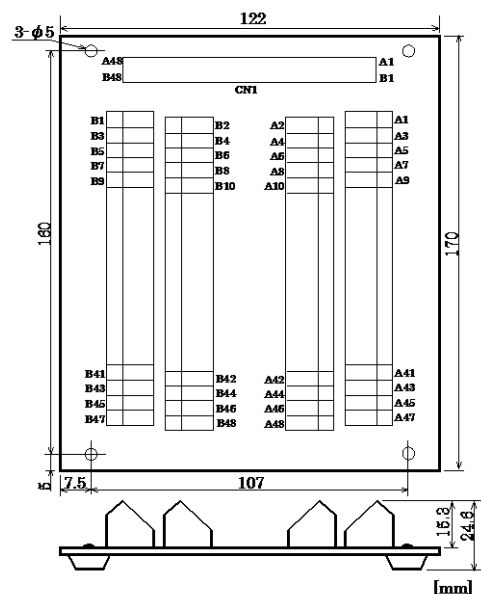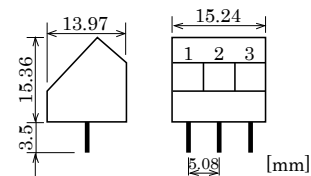Serial number label …1

⚠ CAUTION
    The option cable is not appended to the interface board/card and this product.   Be sure to check the manual or visit the CONTEC's Web site of the board/card to be used and then buy an appropriate cable.

External View and Dimensions

External Views and Dimensions of Terminal Strip

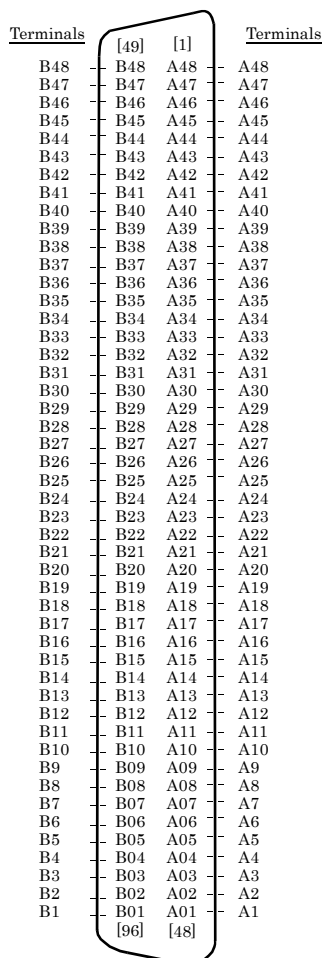External dimension tolerance：±0.2mm
Contact pitch tolerance：±0.05mm

DTP-64A Connections
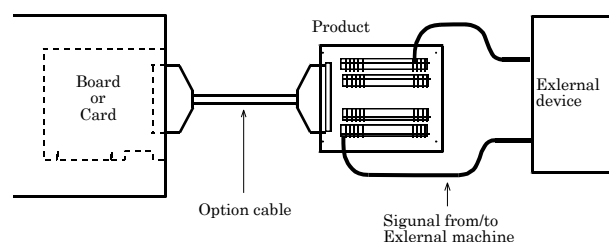
(1) Connect the interface board/card and the product using the separately available option cable.
(2) Check the wiring destination of the product and wire the signal conductors from the external device.
    You can easily connect the conductors to the terminals using the screws.

Wiring Diagram

96pin Conector

Terminals	[49]	[1]	Terminals
B48	B48	A48	A48
B47	B47	A47	A47
B46	B46	A46	A46
B45	B45	A45	A45
B44	B44	A44	A44
B43	B43	A43	A43
B42	B42	A42	A42
B41	B41	A41	A41
B40	B40	A40	A40
B39	B39	A39	A39
B38	B38	A38	A38
B37	B37	A37	A37
B36	B36	A36	A36
B35	B35	A35	A35
B34	B34	A34	A34
B33	B33	A33	A33
B32	B32	A32	A32
B31	B31	A31	A31
B30	B30	A30	A30
B29	B29	A29	A29
B28	B28	A28	A28
B27	B27	A27	A27
B26	B26	A26	A26
B25	B25	A25	A25
B24	B24	A24	A24
B23	B23	A23	A23
B22	B22	A22	A22
B21	B21	A21	A21
B20	B20	A20	A20
B19	B19	A19	A19
B18	B18	A18	A18
B17	B17	A17	A17
B16	B16	A16	A16
B15	B15	A15	A15
B14	B14	A14	A14
B13	B13	A13	A13
B12	B12	A12	A12
B11	B11	A11	A11
B10	B10	A10	A10
B9	B09	A09	A9
B8	B08	A08	A8
B7	B07	A07	A7
B6	B06	A06	A6
B5	B05	A05	A5
B4	B04	A04	A4
B3	B03	A03	A3
B2	B02	A02	A2
B1	B01	A01	A1
	[96]	[48]	

The numbers in square brackets [ ] are
pin numbers designated by
HONDA TSUSHIN KOGYO CO., LTD.

Difference point with DTP-64(PC)

This product is a successor of the previous model DTP-64(PC).
So you can use the same operating procedures as
DTP-64(PC).
The differences on the specification are as follows.

	DTP-64A	DTP-64(PC)
Terminal type	SMKDSP1.5/24-5.08 [mfd. by PHOENIX CONTACT] equivalent	MK8/4 [mfd. by NIHON WEIDMULLER] equivalent
Screws	M3	M2.5
Terminal color	Green	Orange
Height of rubber foot	7.2mm	5.0mm