

Hardware Settings

This Chapter shows the functions and the locations of the setting devices present on each unit.



There are two main different symbol kinds used:


- *internal use only (factory test): during the commissioning phase you have to be sure that the device positions on the unit are the same than those shown in the correspondent figure;*

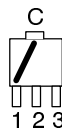
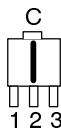

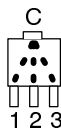
- *customer use: you have to set the devices on the correct position by looking at the relevant figure and table showing you the different available functions.*

The symbols used for the setting devices are described in the following pages.

Types of Settings

<div>ON</div> 	ADJUSTABLE DIP SWITCH SETTINGS <i>The white rectangle (□) indicates the position where the dip switch must be set</i>
<div>ON</div> 	<i>Position the dip switch according to the desired option as indicated in the table</i>

BEAD TERMINAL SETTINGS <div> <i>Bead terminals to be connected with solder wire links</i></div>	
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ADJUSTABLE SCREW SETTINGS			
			
<i>Leave connected C to 1</i>	<i>Leave connected C to 2</i>	<i>Leave connected C to 3</i>	<i>Turn the screw according to the desired option as indicated in the table</i>

U-LINK SETTINGS

Insert U-Link according to the desired option as indicated in the table



Leave open



Leave closed

**SOLDERED PAD SETTINGS**

001



Sold according to the desired option as indicated in the table



Leave open



Leave closed

**SOLDERED PAD SETTINGS UNDERNEATH METAL SHIELD**

Sold according to the desired option as indicated in the table



Leave open



Leave closed

For checking or performing the settings remove the metal shield

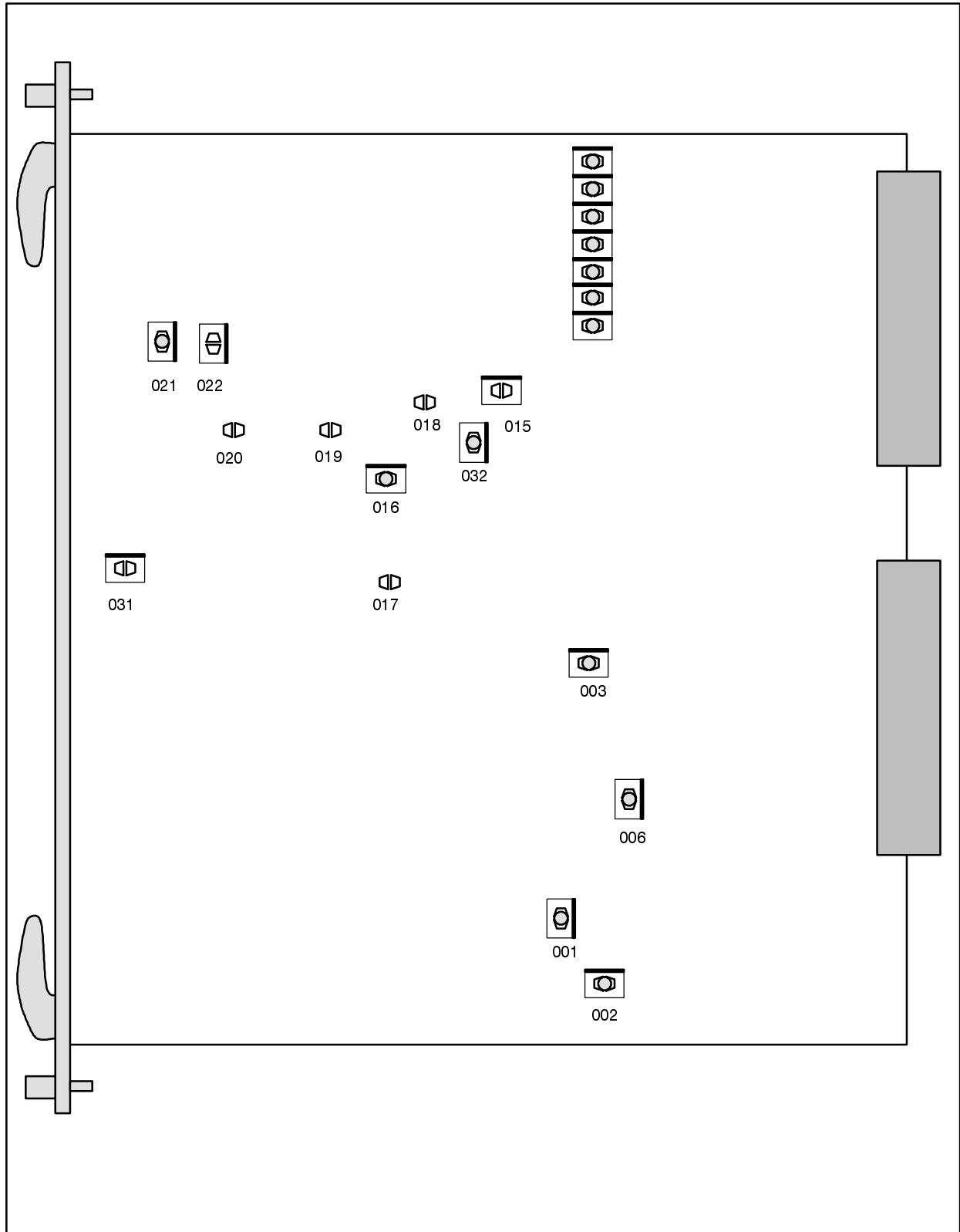
MOST Unit

FUNCTION	DEVICE	OPEN	CLOSED	
NURG alarm sent as a ground contact	017		✓	•
NURG alarm sent on two wires	017	✓		
EXT alarm sent as a ground contact	018		✓	•
EXT alarm sent on two wires	018	✓		
URG alarm sent as a ground contact	019		✓	•
URG alarm sent on two wires	019	✓		
INT alarm sent as a ground contact	020		✓	•
INT alarm sent on two wires	020	✓		

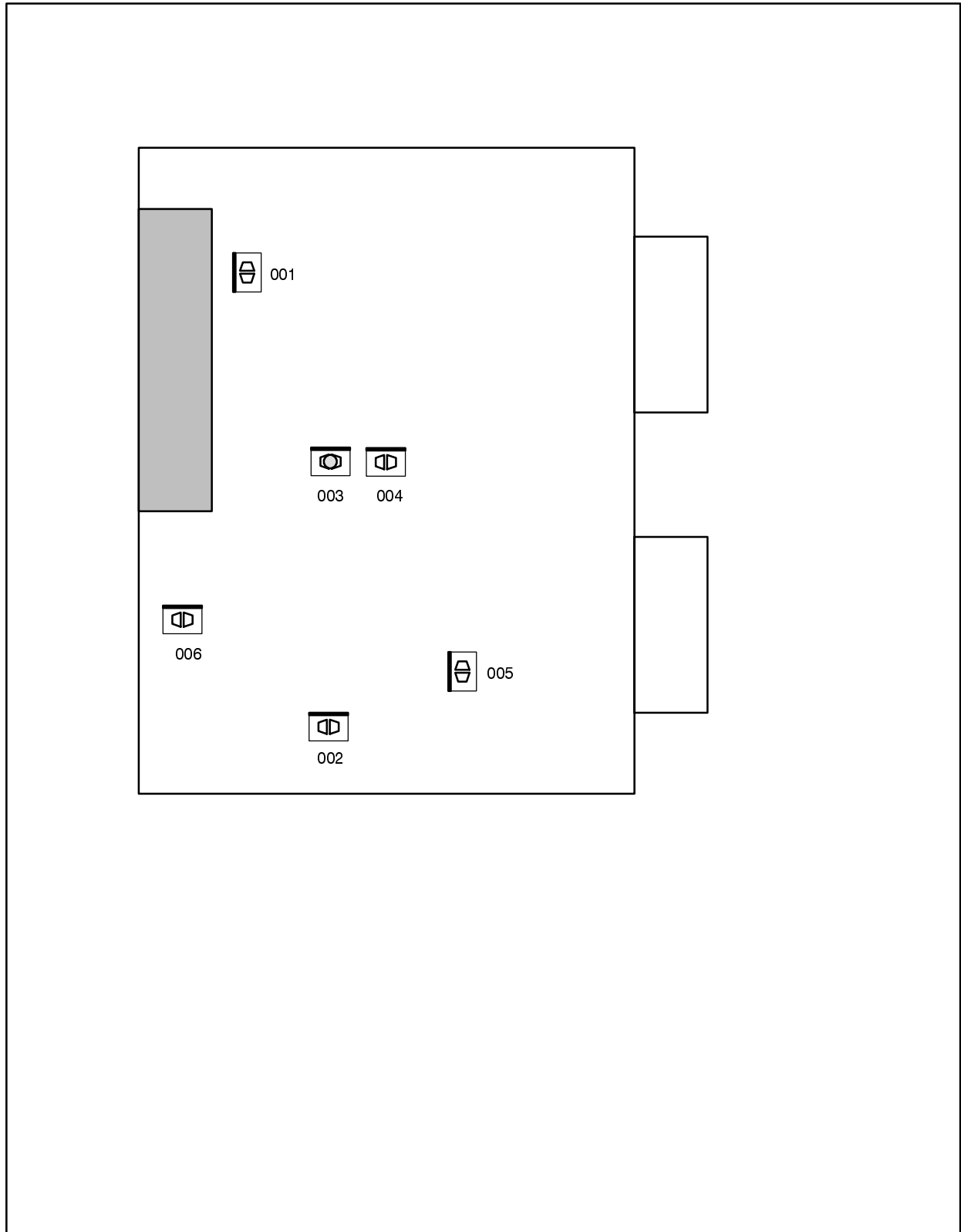
————— The symbol • indicates the usual setting position

Code : 130-3492/0x

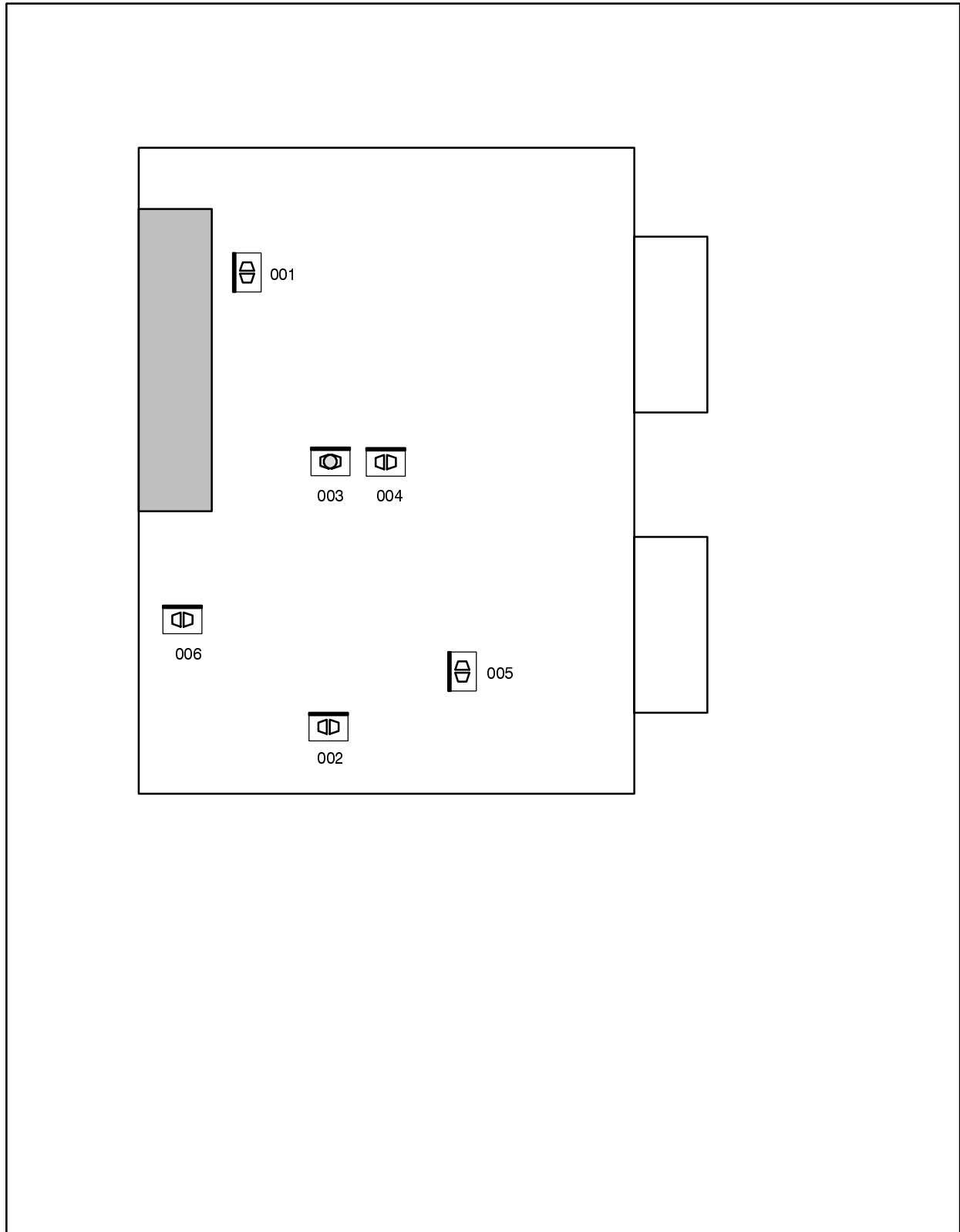
Common Parts Sub-unit Type 2/2s *Soldering side*



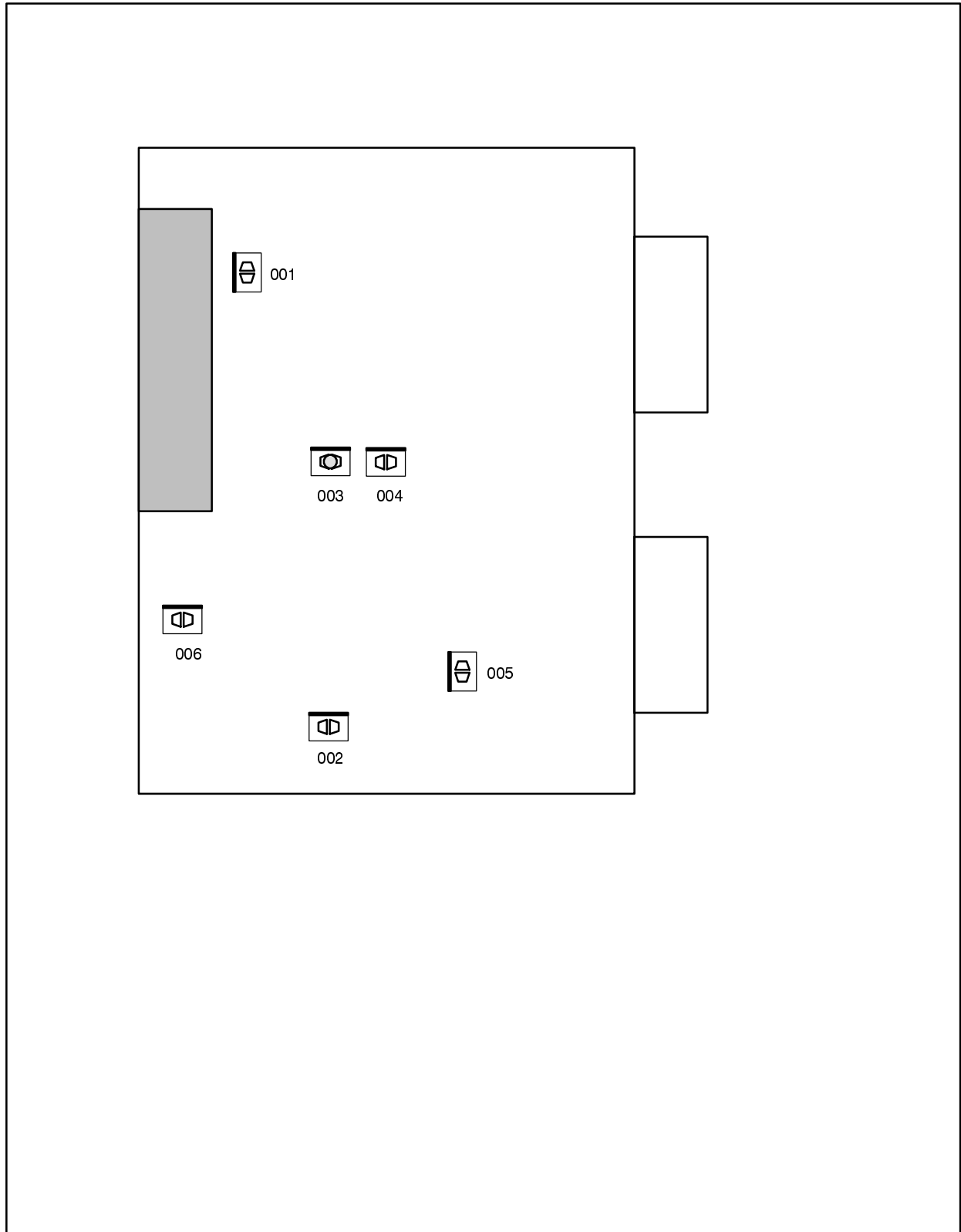
Code : 130-3493/01

S-1.1 Optical Sub-Unit with SC connectors *Soldering side*

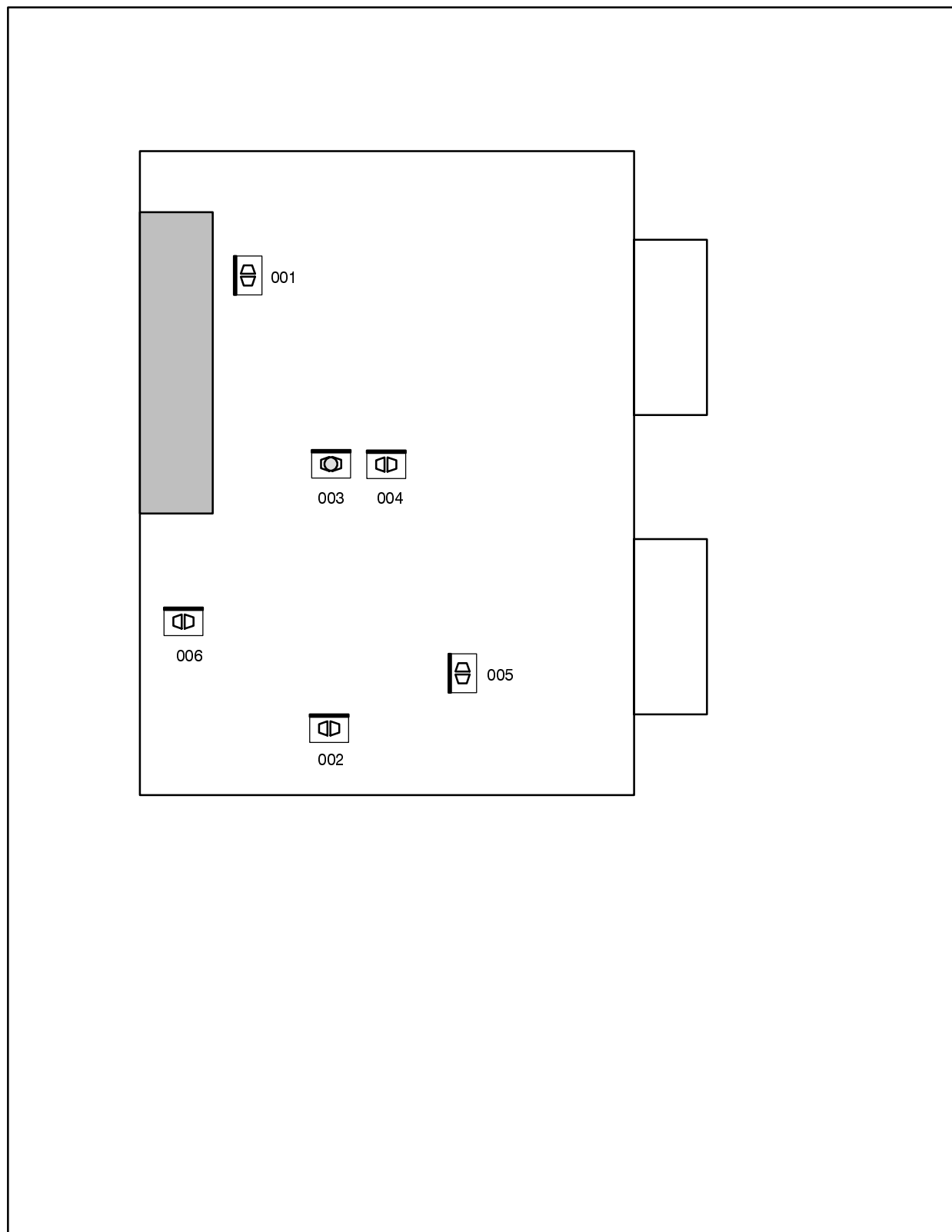
Code : 130-3494/01

L-1.1 Optical Sub-Unit with SC connectors *Soldering side*

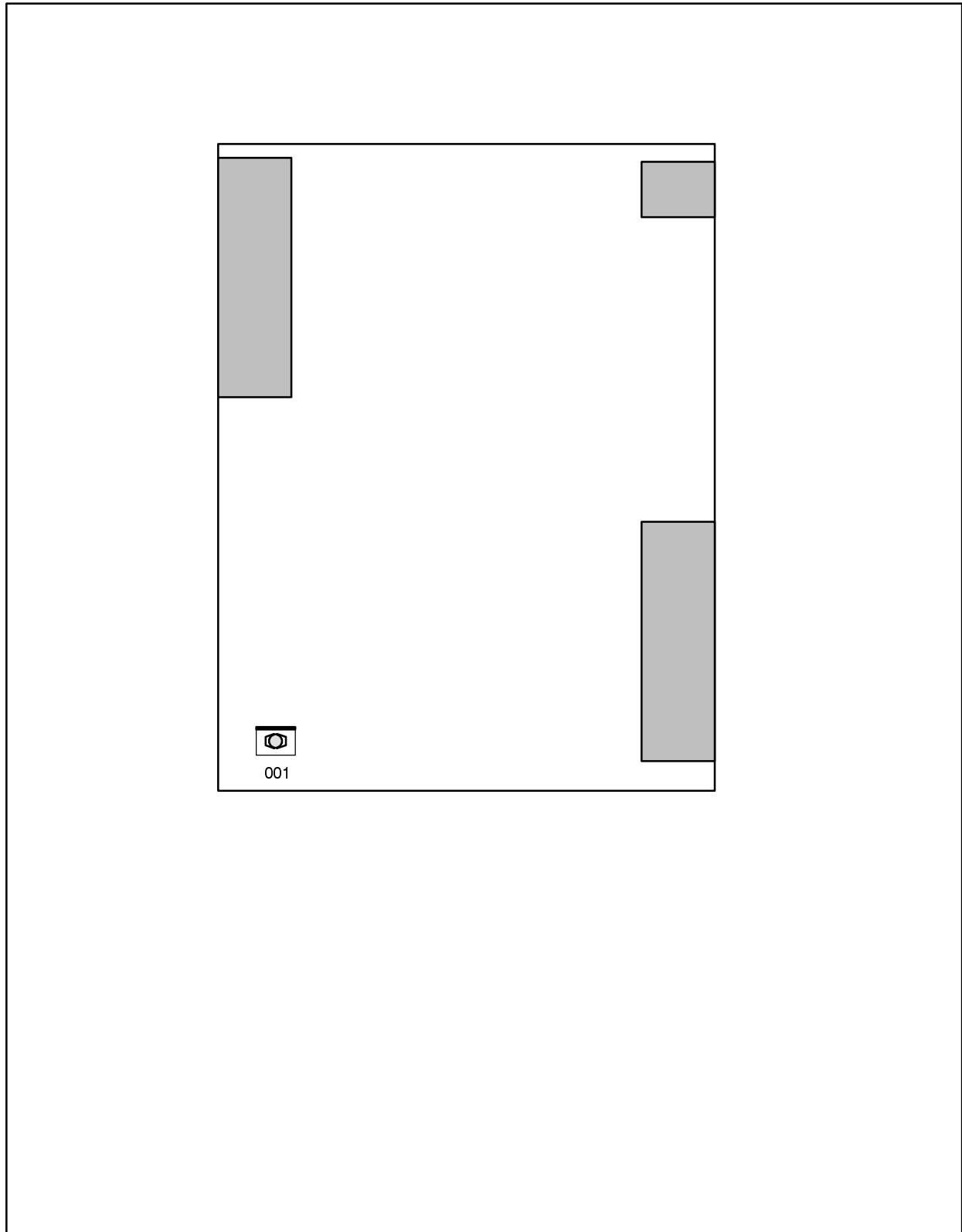
Code : 130-3493/02

S-1.1 Optical Sub-Unit with FC connectors *Soldering side*

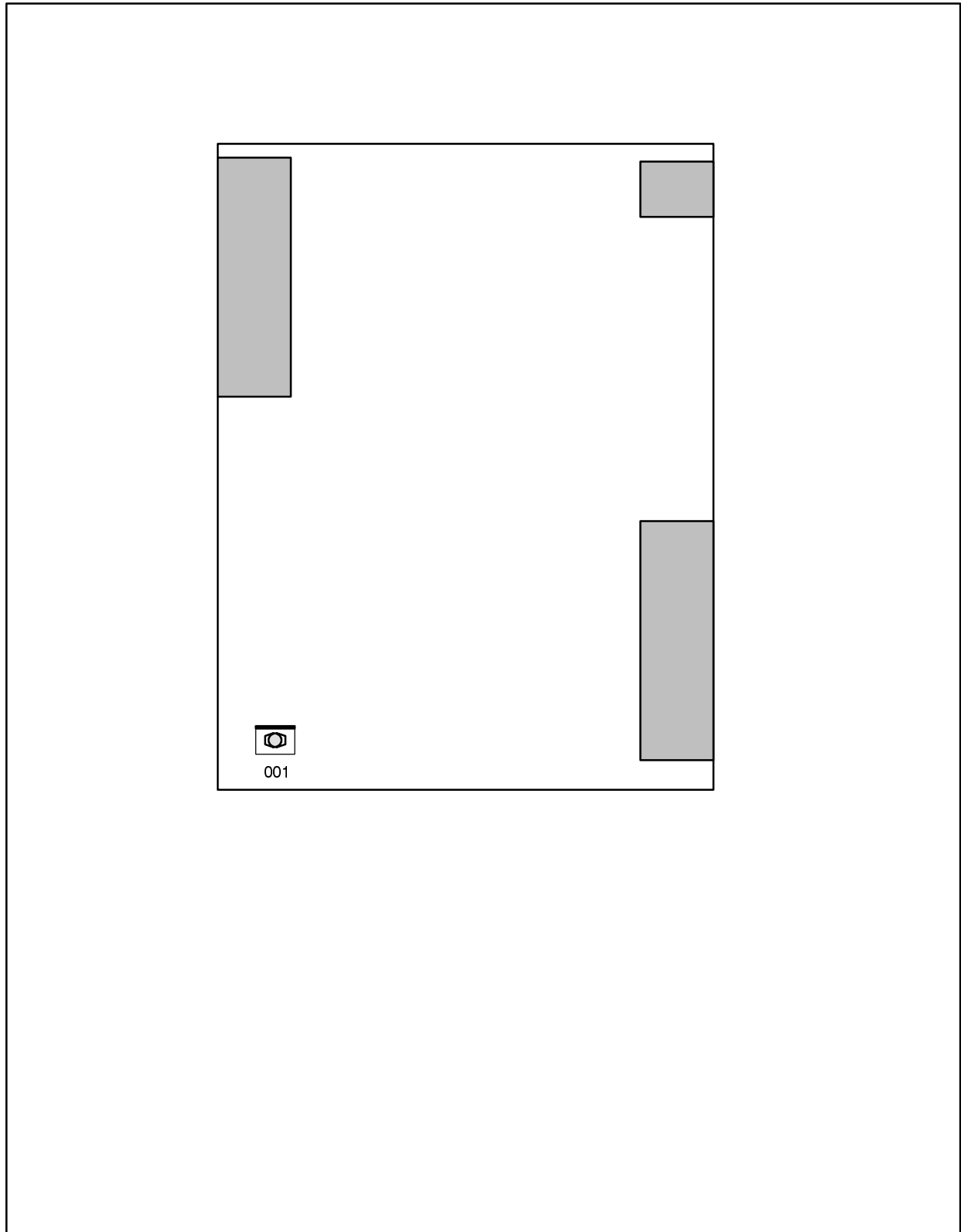
Code : 130-3494/02

L-1.1 Optical Sub-Unit with FC connectors *Soldering side*

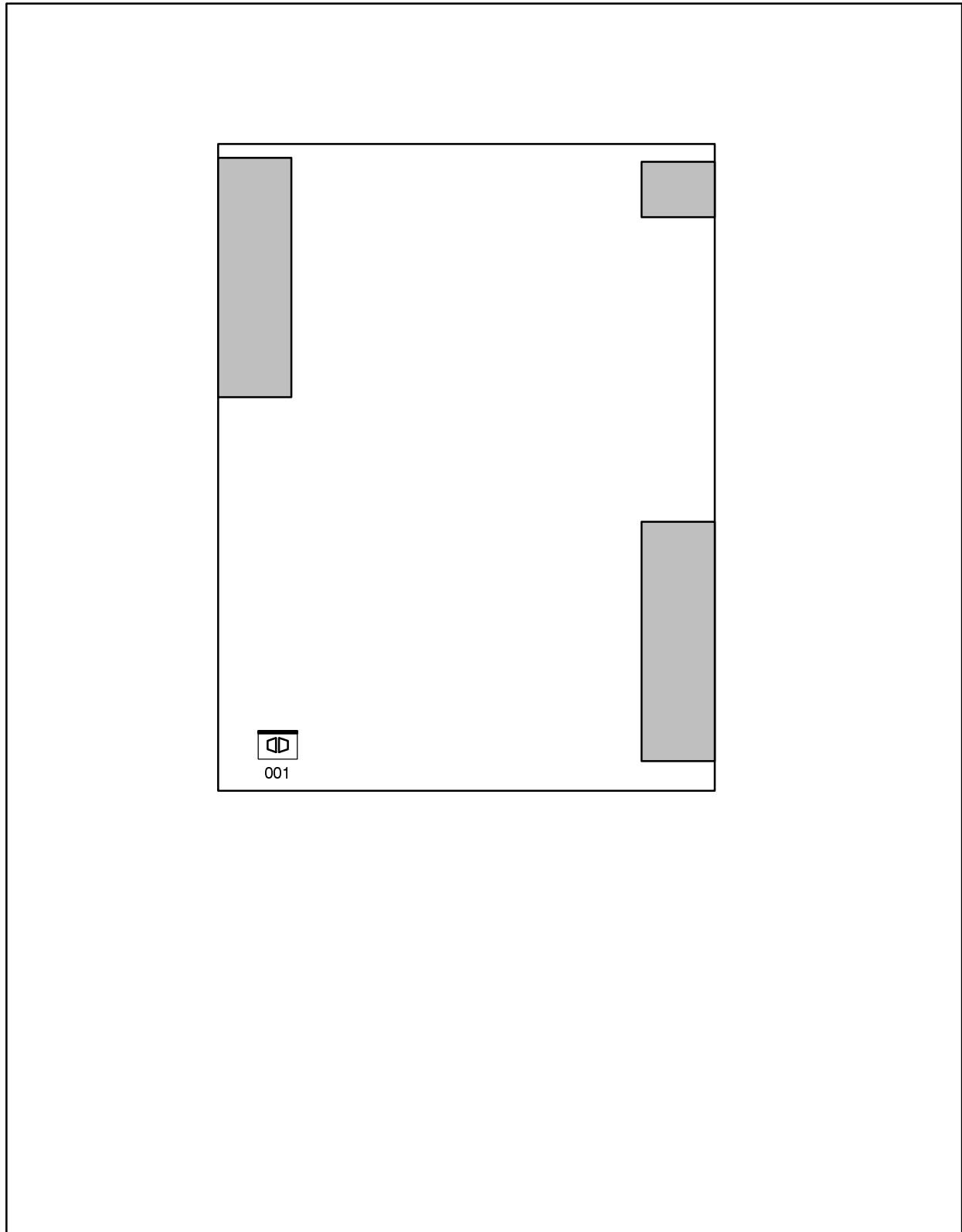
Code : 130-3496/05

32x1.5/2Mbit/s Tributary Sub-unit *Soldering side*

Code : 130-3496/06

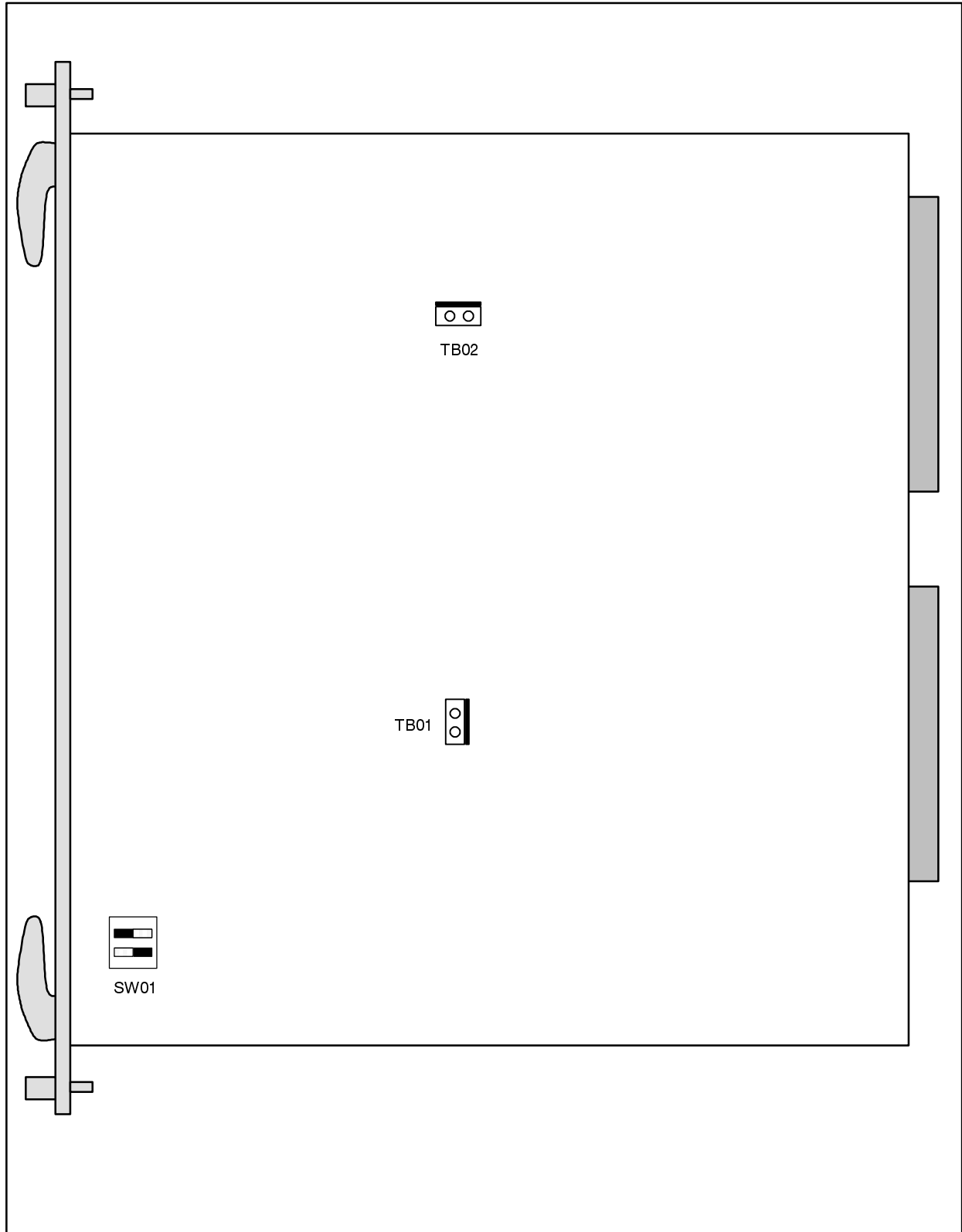
16x1.5/2Mbit/s Tributary Sub-unit *Soldering side*

Code : 130-3545/01

1x34Mbit/s G.703 Tributary Sub-unit *Soldering side*

Code : 130-3492/0x

Common Parts Sub-unit Type 2/2s *Component side*



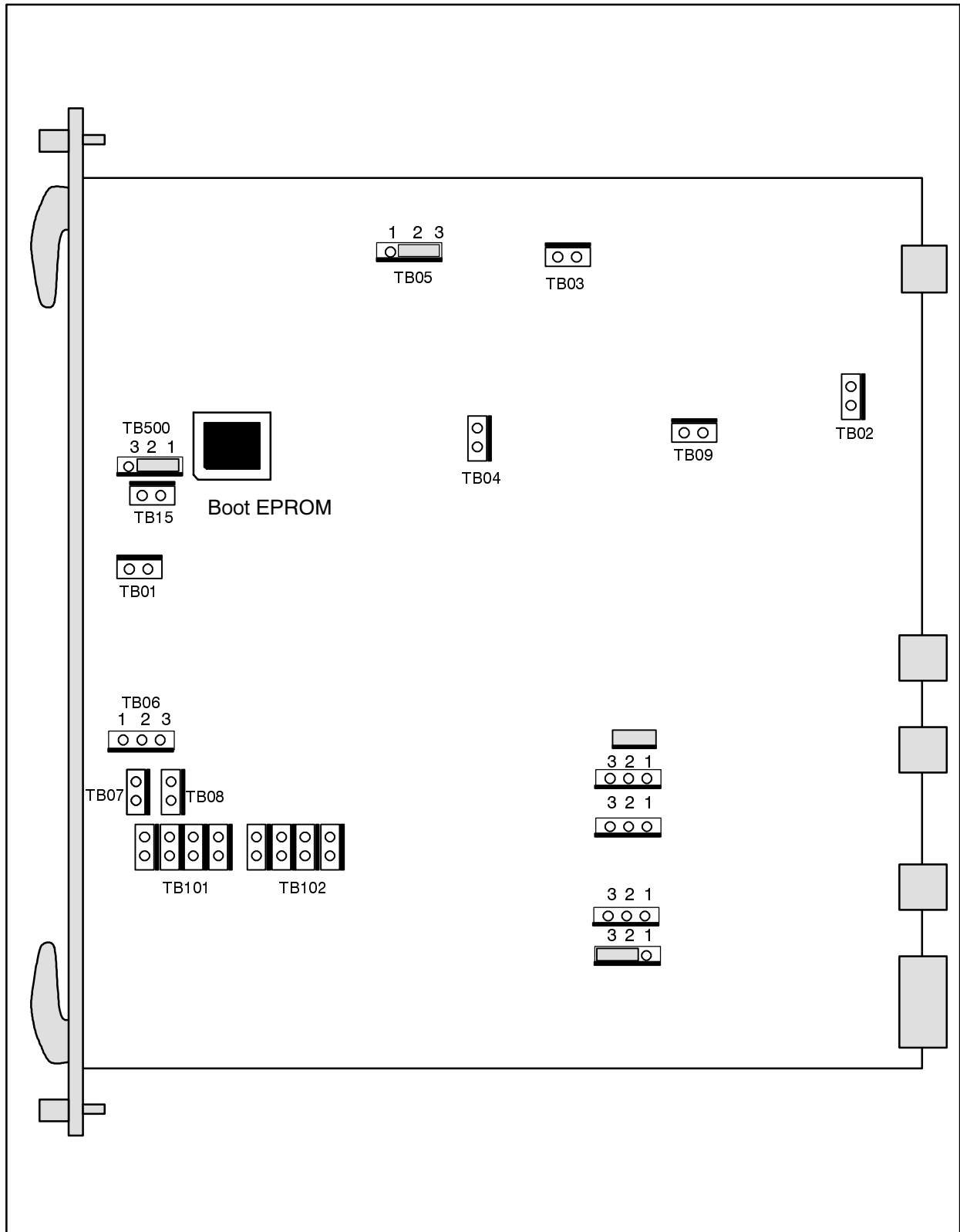
STM-1 Optical/Mux Unit Type 2

FUNCTION	DEVICE	OPEN	CLOSED
AUTOMATIC LASER SHUTDOWN ENABLED	TB08	✓	•
AUTOMATIC LASER SHUTDOWN DISABLED			✓

————— The symbol • indicates the usual setting position

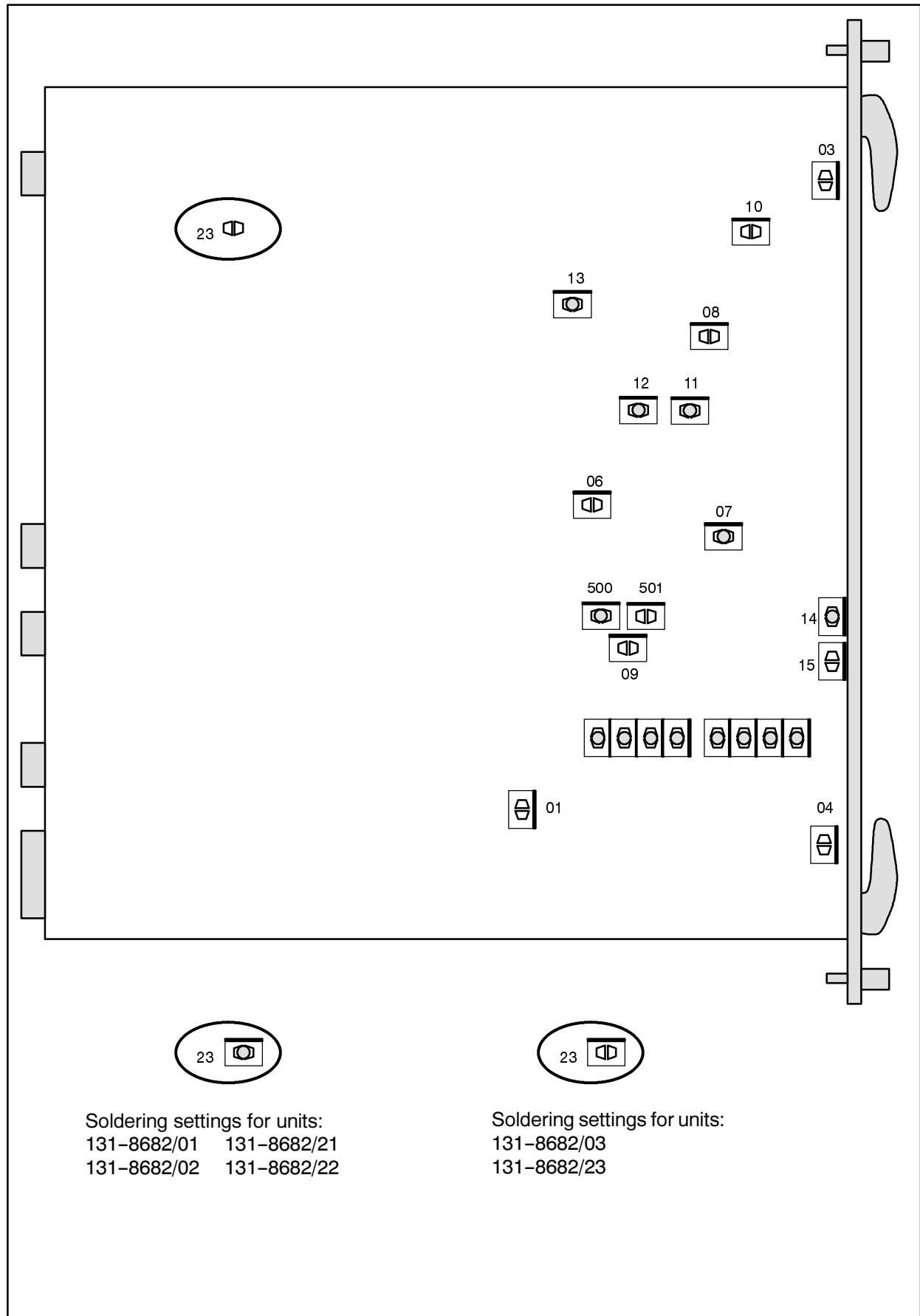
Code : 131-8682/xx

Component side



Code : 131-8682/xx

Soldering side



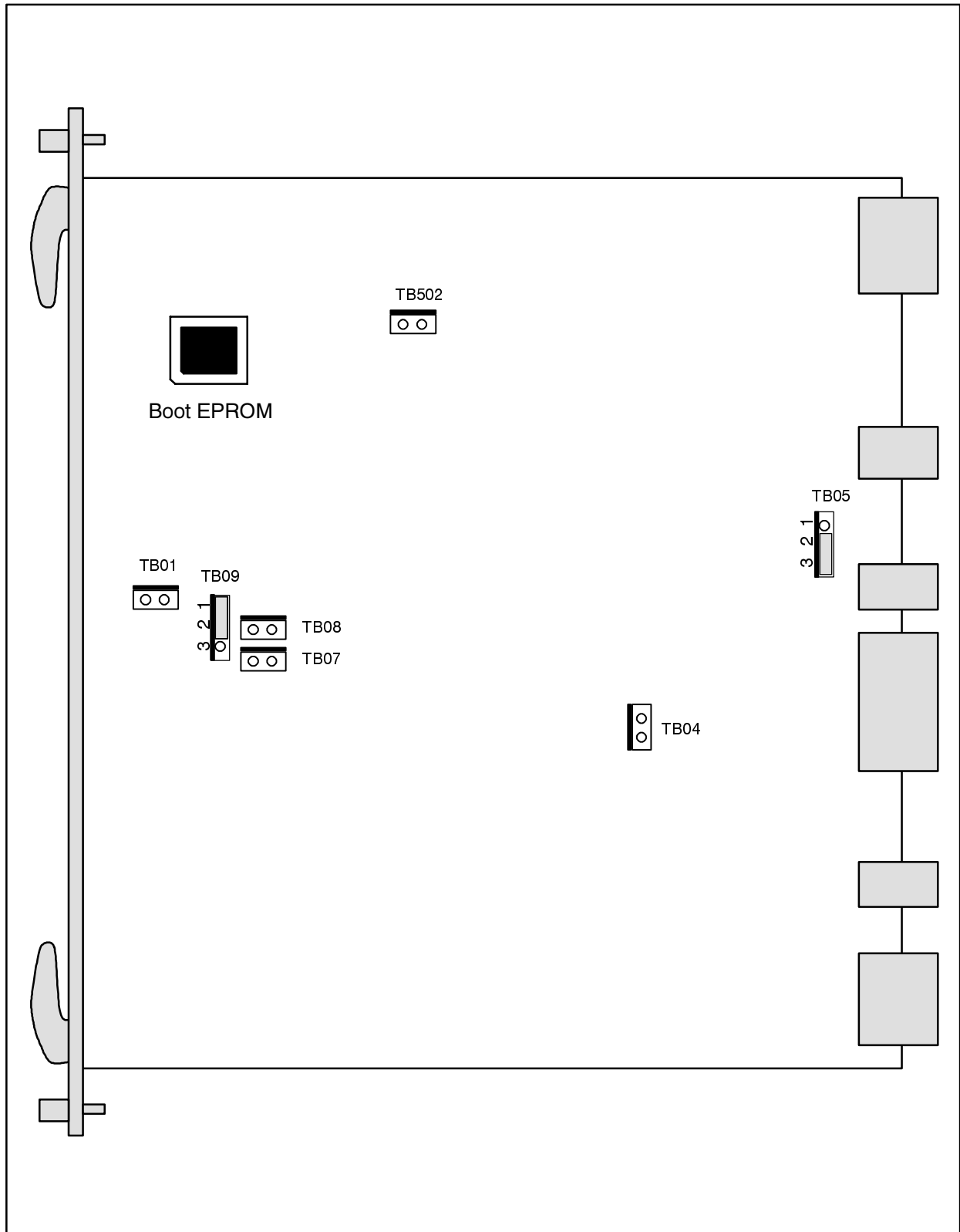
STM-1 G.703 Electrical/Mux Unit

FUNCTION	DEVICE	OPEN	CLOSED
MECHANICAL GROUND NOT CONNECTED TO UNIT ELECTRICAL GROUND	203 and 206	✓	•
MECHANICAL GROUND CONNECTED TO UNIT ELECTRICAL GROUND			✓

———— The symbol • indicates the usual setting position

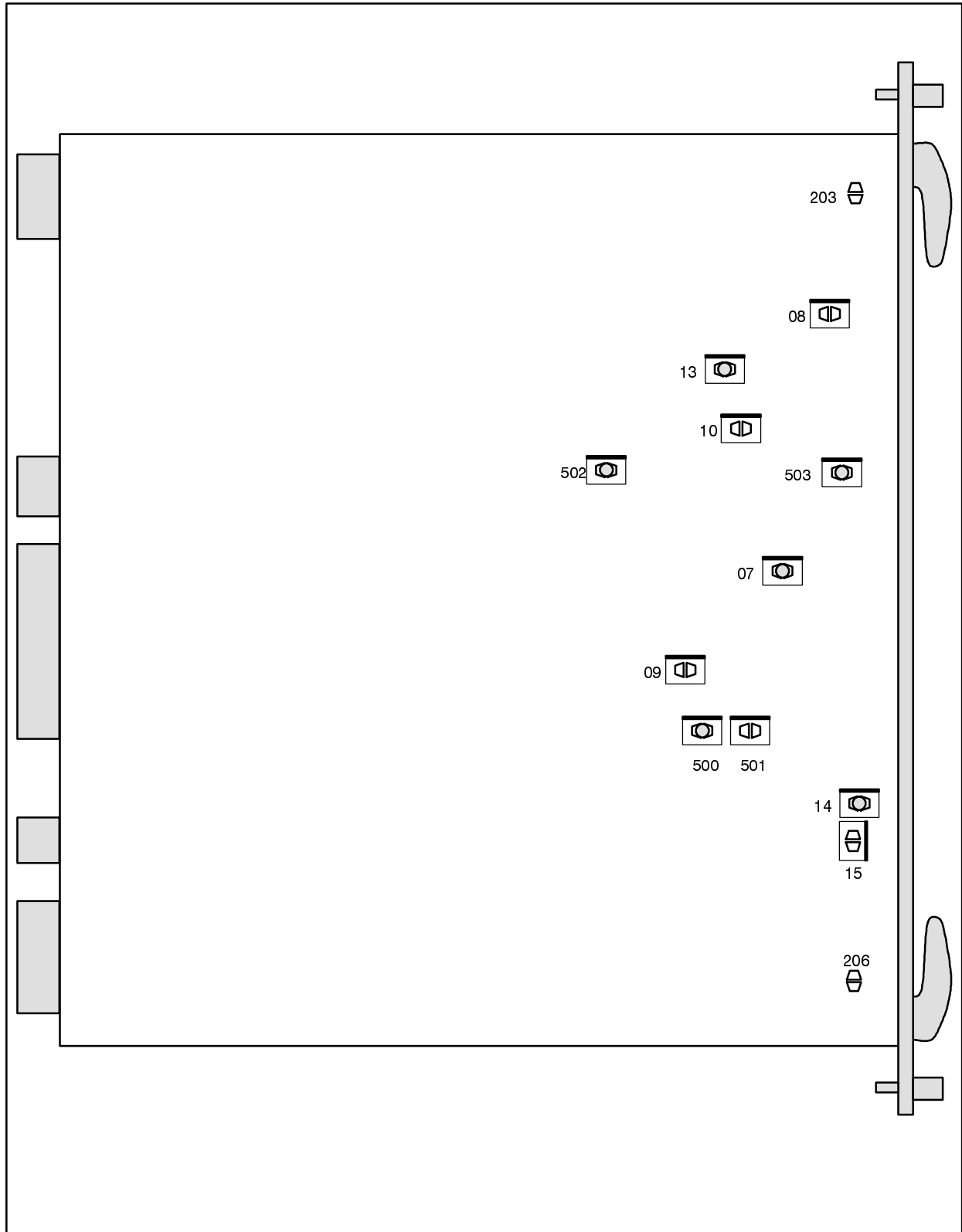
Code : 131-8683/04

Component side



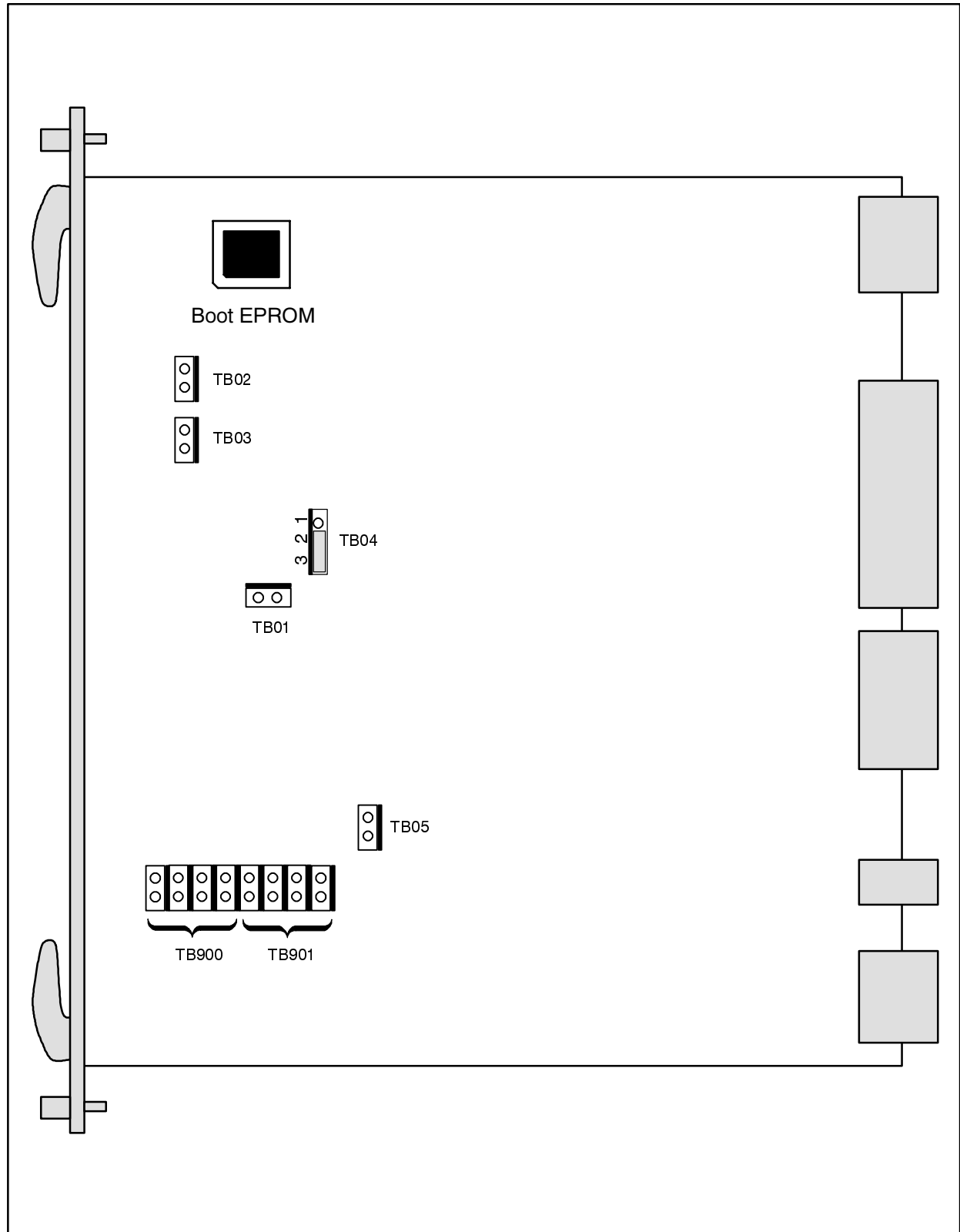
Code : 131-8683/04

Soldering side



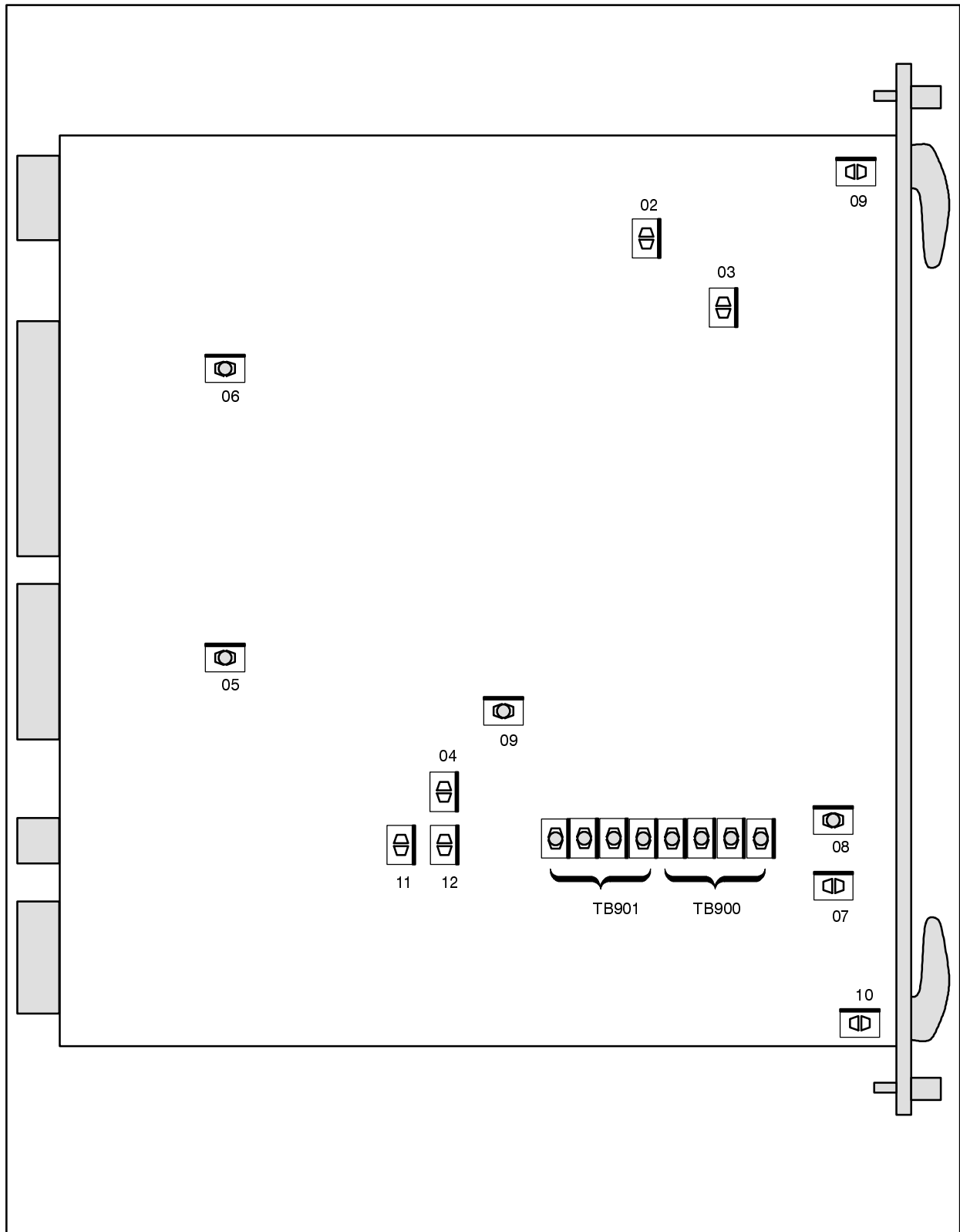
1x140Mbit/s / STM-1 (with VC-12 handling) G.703 Tributary Unit

Code : 131-9310/11

Component side

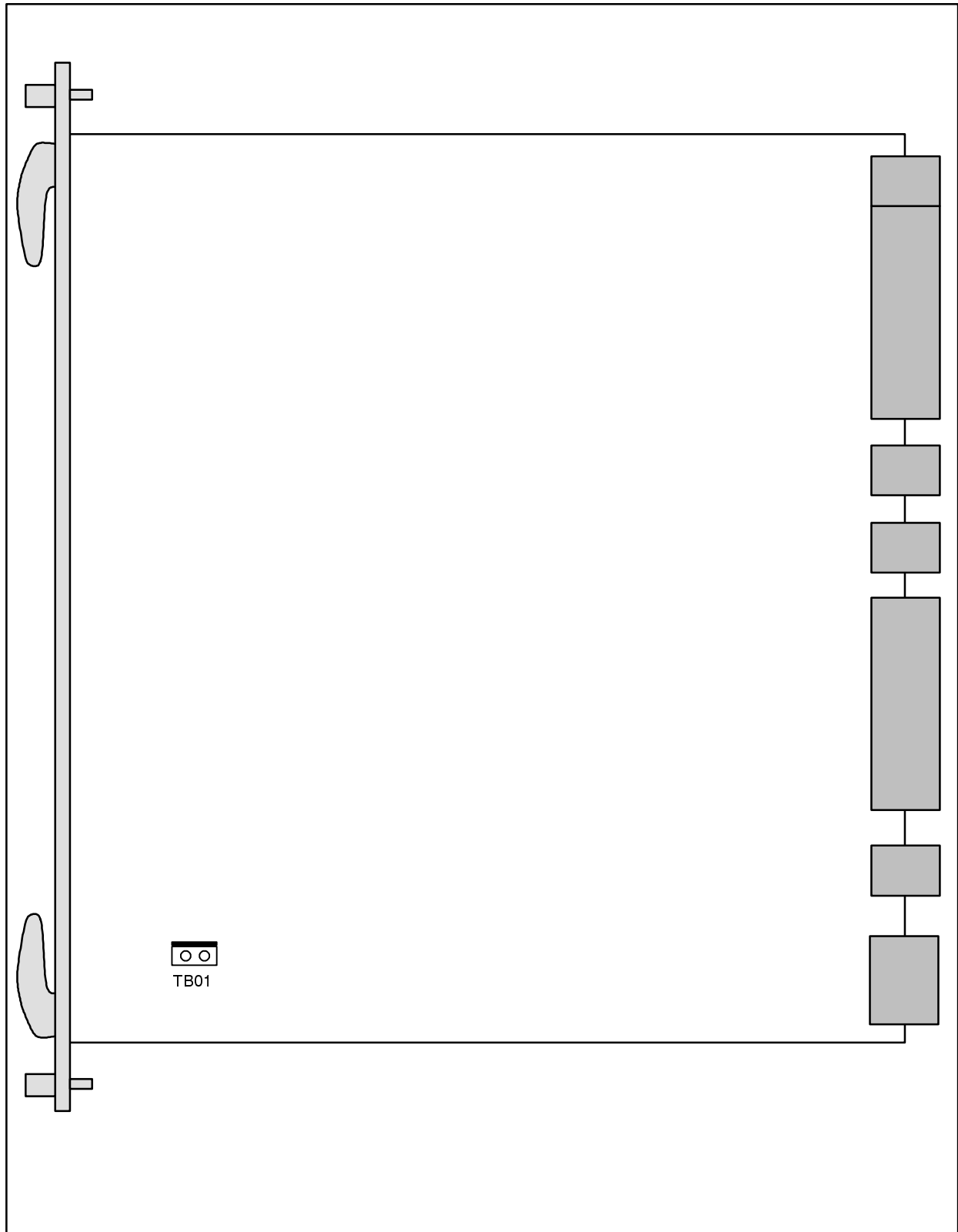
Code : 131-9310/11

Soldering side



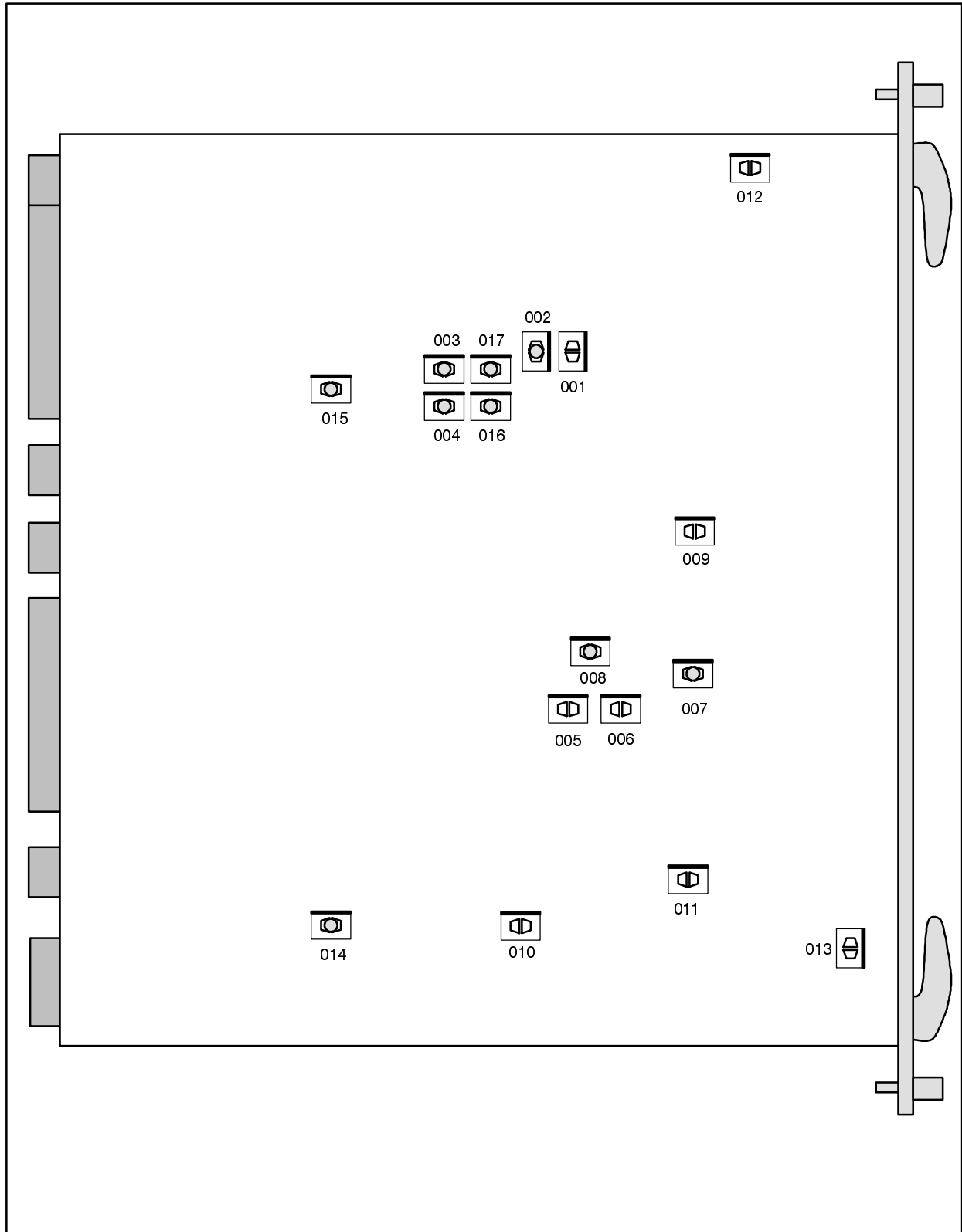
63x1.5/2Mbit/s G.703 Tributary Unit

Code : 131-8977/01

Component side

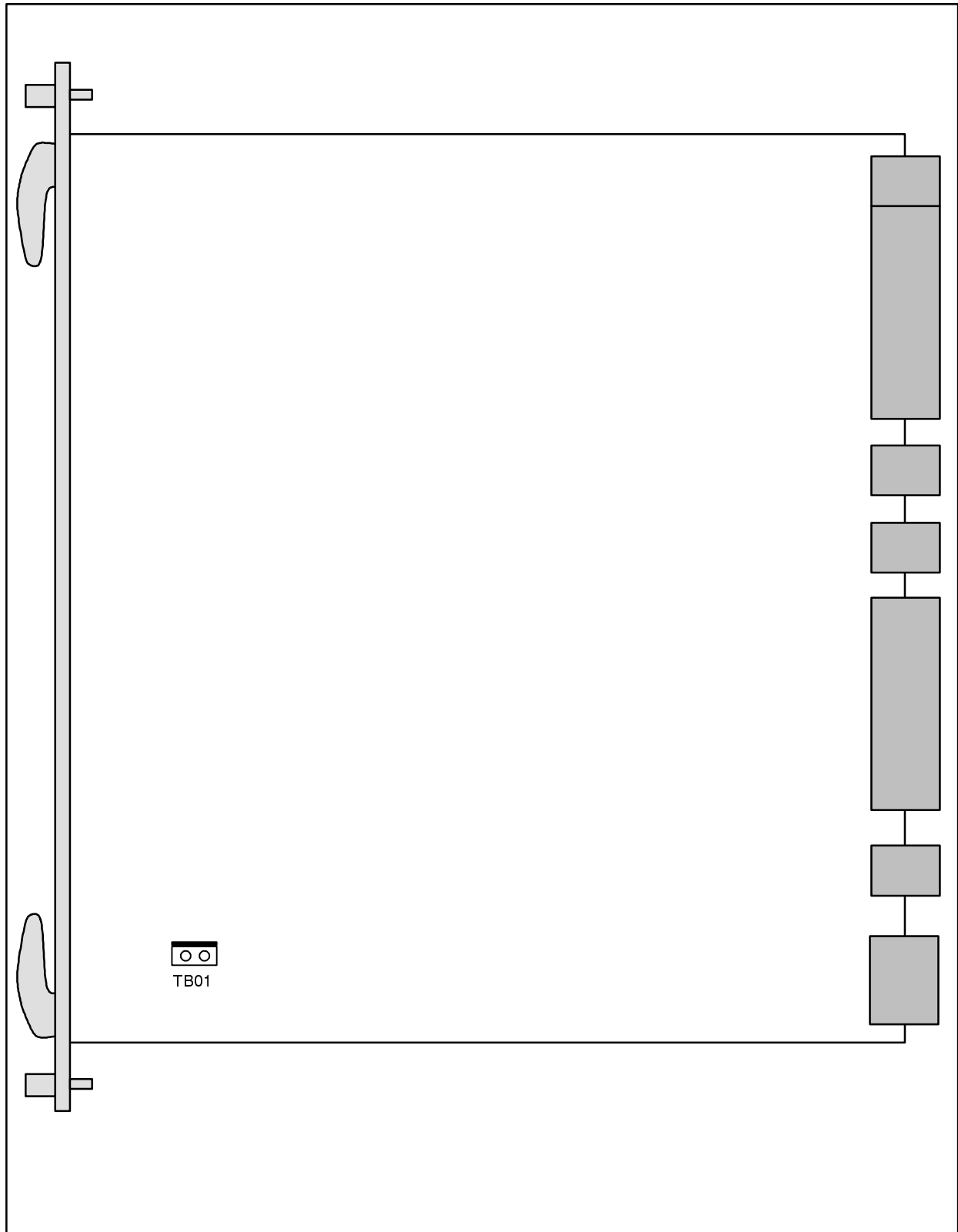
Code : 131-8977/01

Soldering side



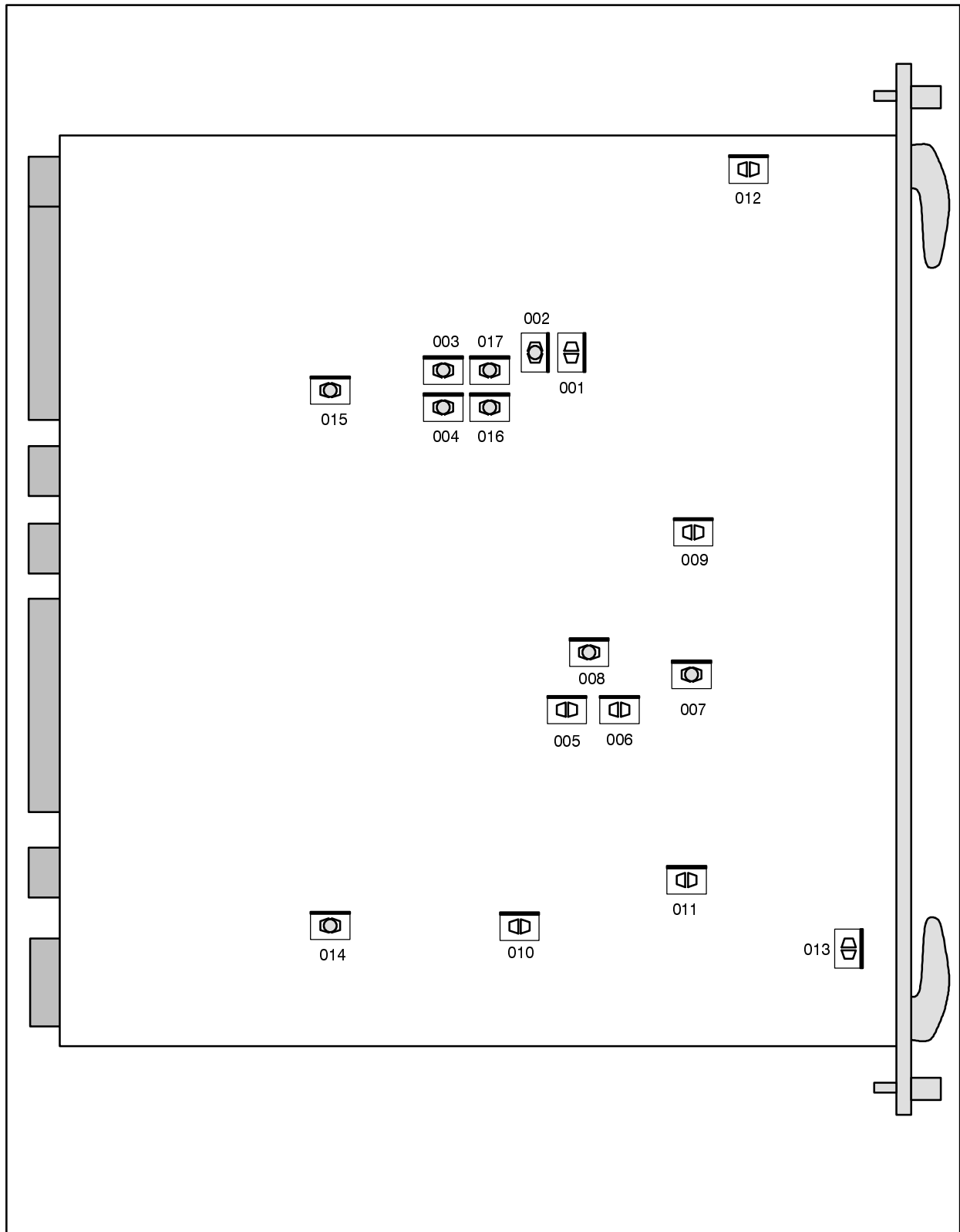
32x1.5/2Mbit/s G.703 Tributary Unit

Code : 131-8977/02

Component side

Code : 131-8977/02

Soldering side



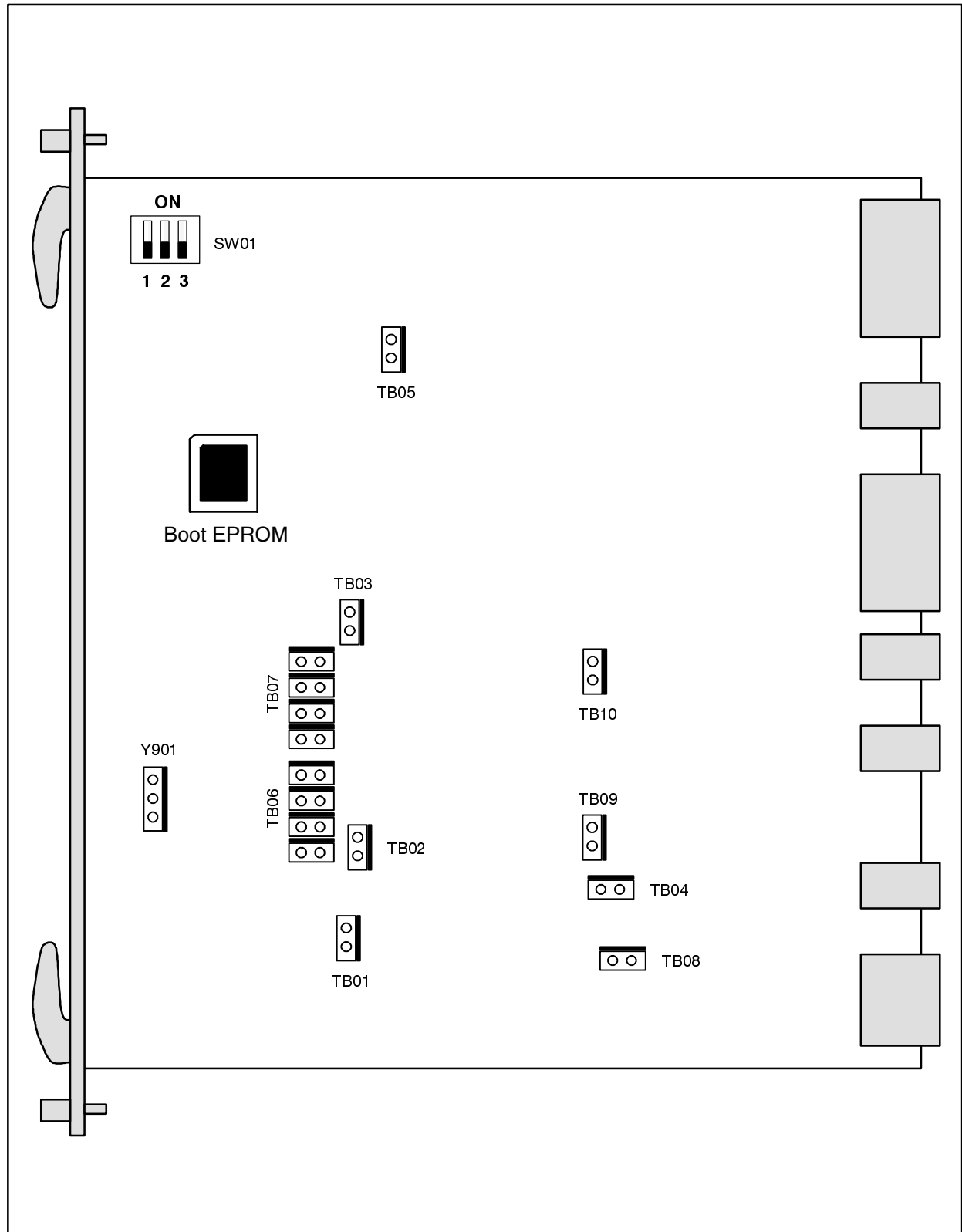
3x34Mbit/s Tributary Unit

FUNCTION	DEVICE	OPEN	CLOSED
MECHANICAL GROUND NOT CONNECTED TO UNIT ELECTRICAL GROUND	08 and 09	✓	•
MECHANICAL GROUND CONNECTED TO UNIT ELECTRICAL GROUND			✓

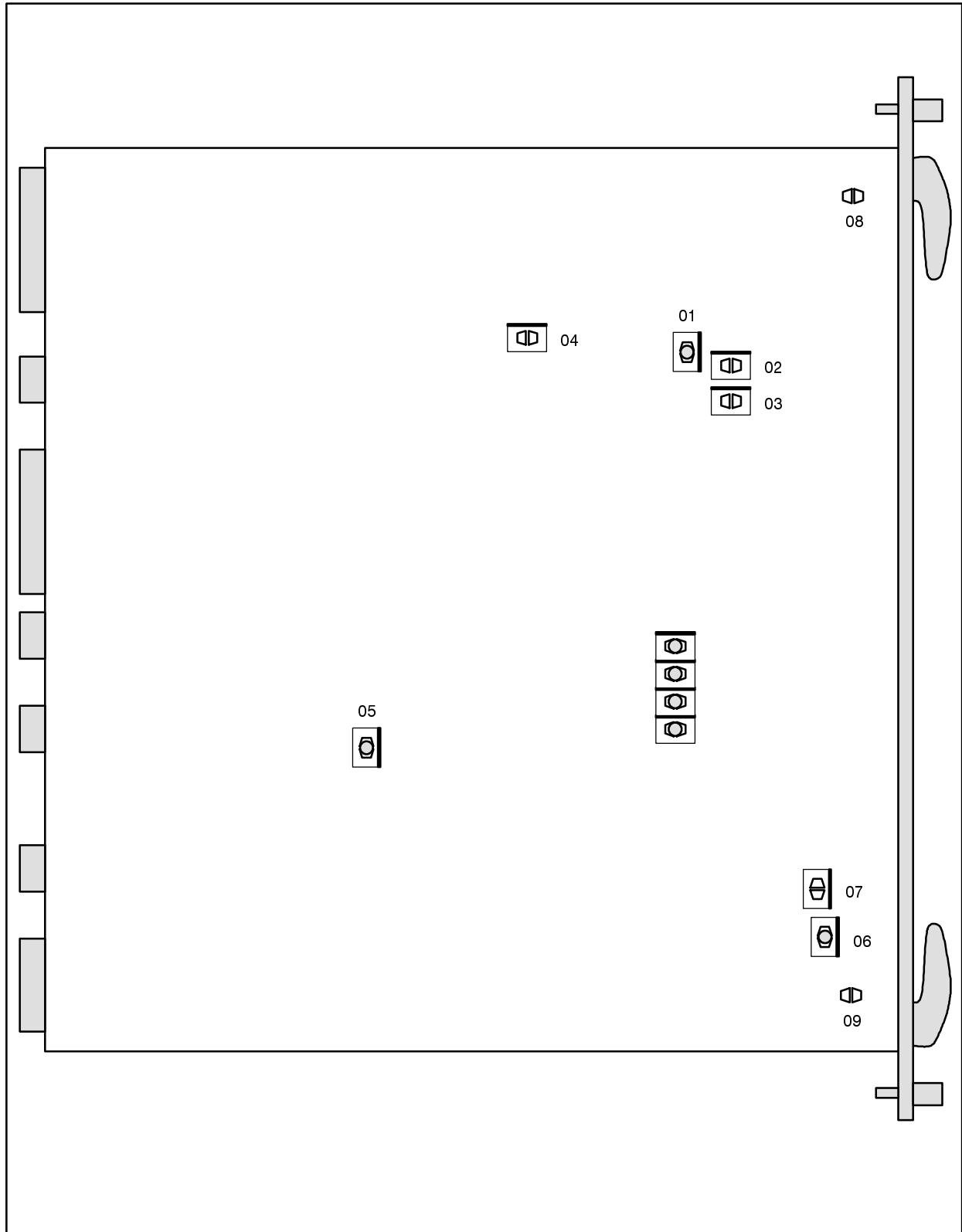
———— The symbol • indicates the usual setting position

Code : 131-8685/01

Component side



Code : 131-8685/01

Soldering side

Auxiliary Unit

Solder Pad Settings (Soldering Side)

FUNCTION	DEVICE	OPEN	CLOSED	
MECHANICAL GROUND NOT CONNECTED TO ELECTRICAL GROUND	008 and 009	✓		•
MECHANICAL GROUND CONNECTED TO ELECTRICAL GROUND			✓	
FIRST V11 CHANNEL TERMINATED	010		✓	•
FIRST V11 CHANNEL NOT TERMINATED		✓		
SECOND V11 CHANNEL TERMINATED	011		✓	•
SECOND V11 CHANNEL NOT TERMINATED		✓		
THIRD V11 CHANNEL TERMINATED	012		✓	•
THIRD V11 CHANNEL NOT TERMINATED		✓		
FOURTH V11 CHANNEL TERMINATED	013		✓	•
FOURTH V11 CHANNEL NOT TERMINATED		✓		

————— The symbol • indicates the usual setting position

Adjustable Dip Switch Settings (Component Side)

FUNCTION	DEVICE	ON	OFF	
FIRST DIGIT OF TELEPHONE NUMBER	SW04		1	•
			2	
			3	
			4	
SECOND DIGIT OF TELEPHONE NUMBER			5	•
			6	
			7	
			8	

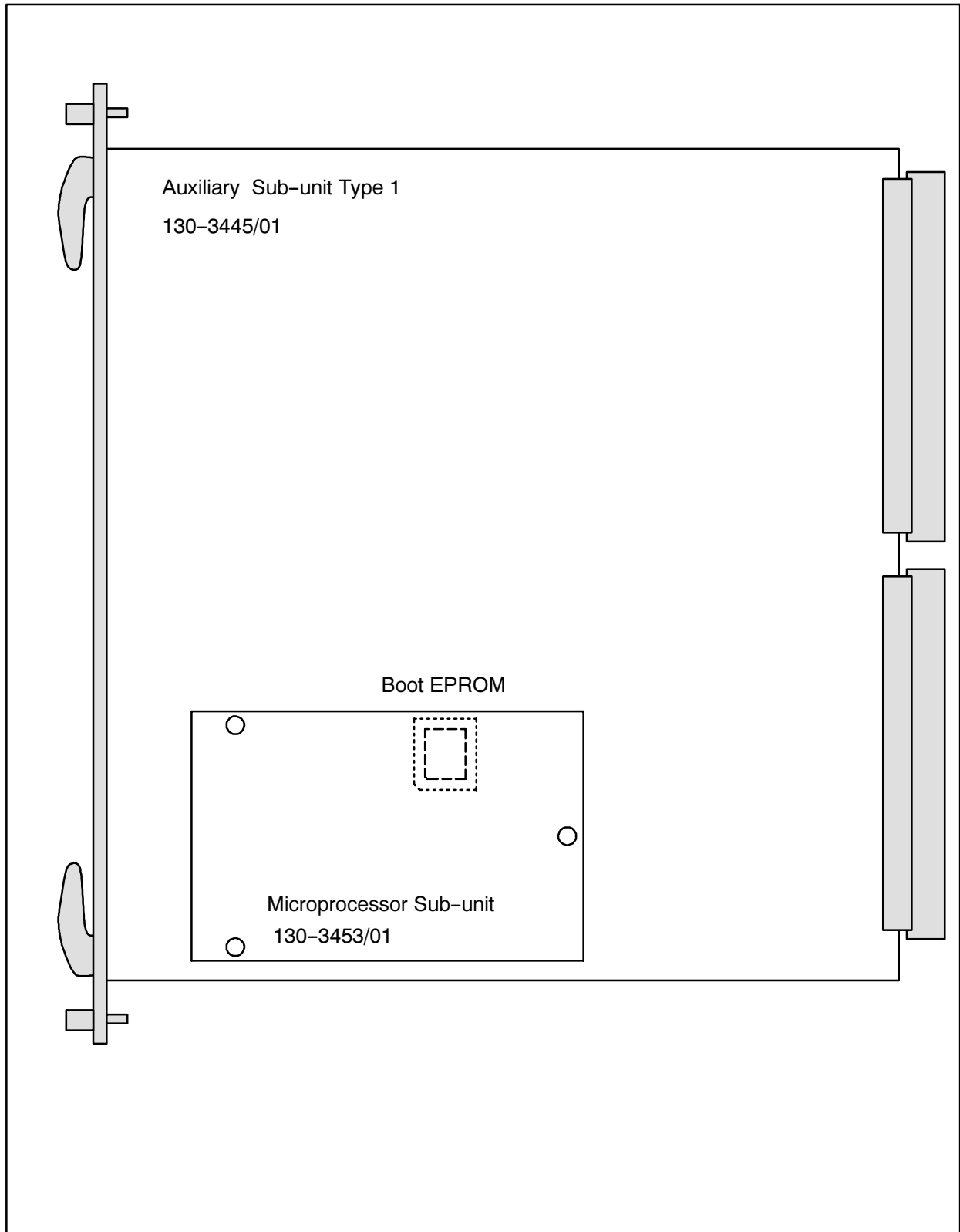
———— Switches 1 and 5 represent the less significant bit of each digit

FUNCTION	DEVICE	OPEN	CLOSED	
EQUIPMENT CONFIGURED AS RING MASTER	TB03	2-3	1-2	•
EQUIPMENT NOT CONFIGURED AS RING MASTER		1-2	2-3	

———— The symbol • indicates the usual setting position

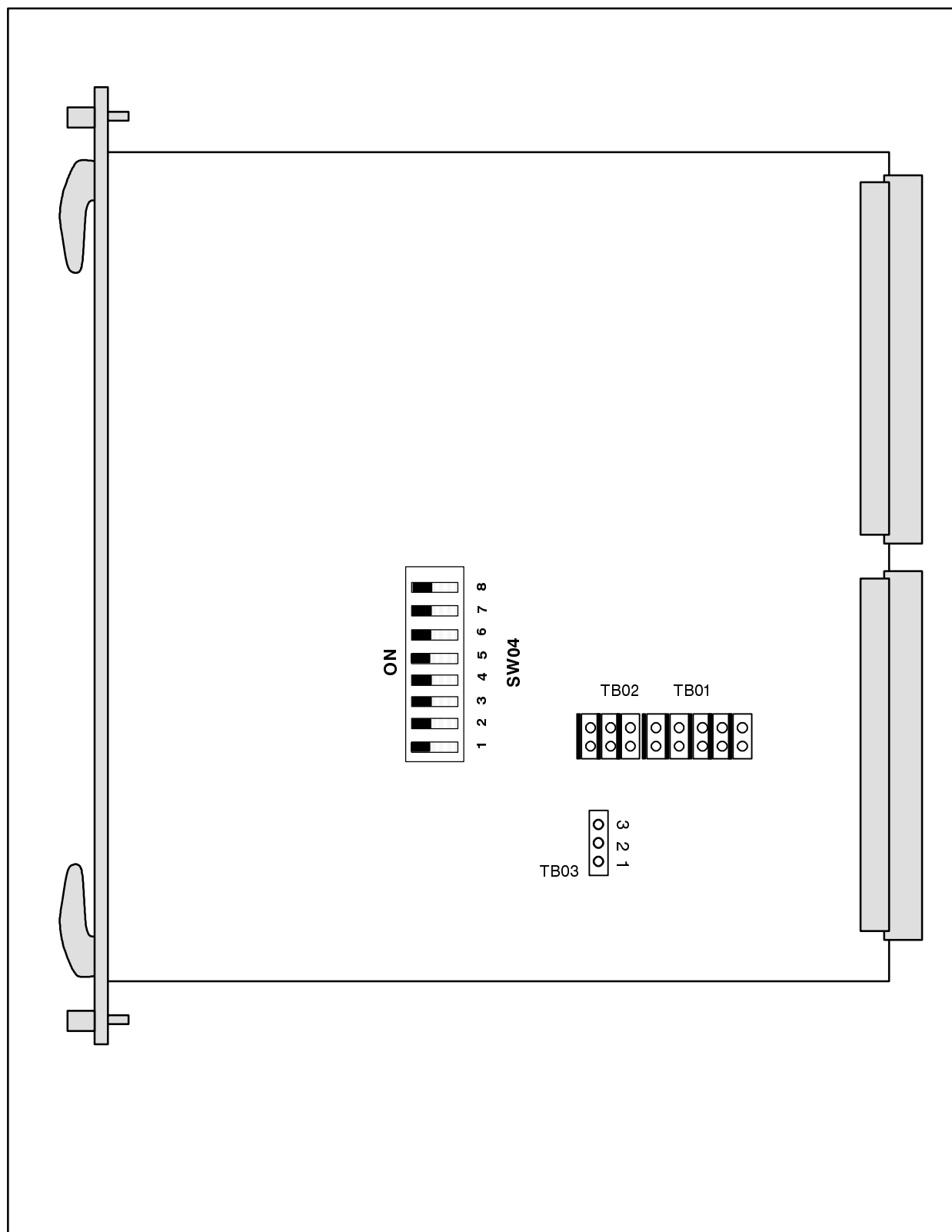
Code : 131-8690/01

Component side



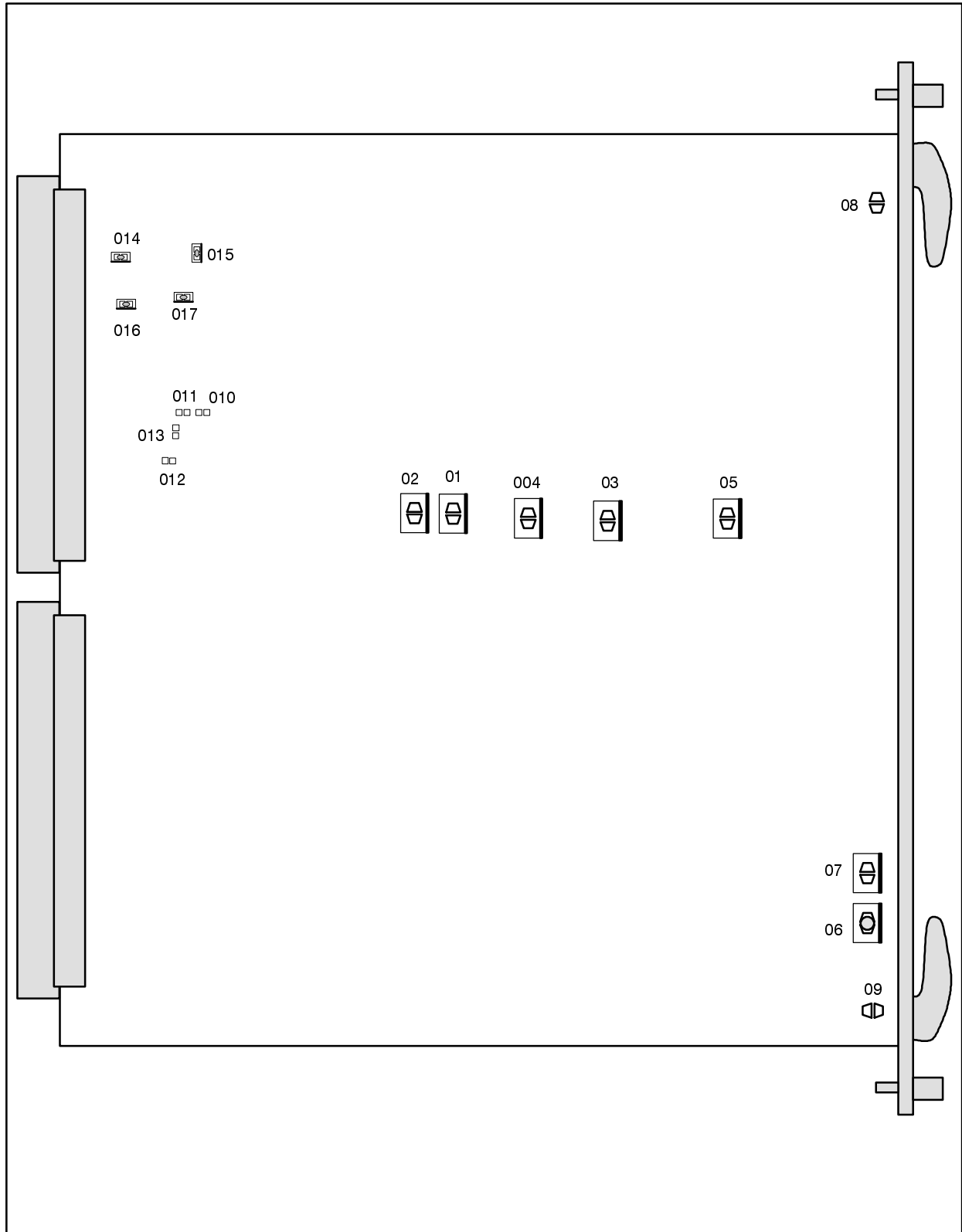
Code : 130-3445/01

Component side

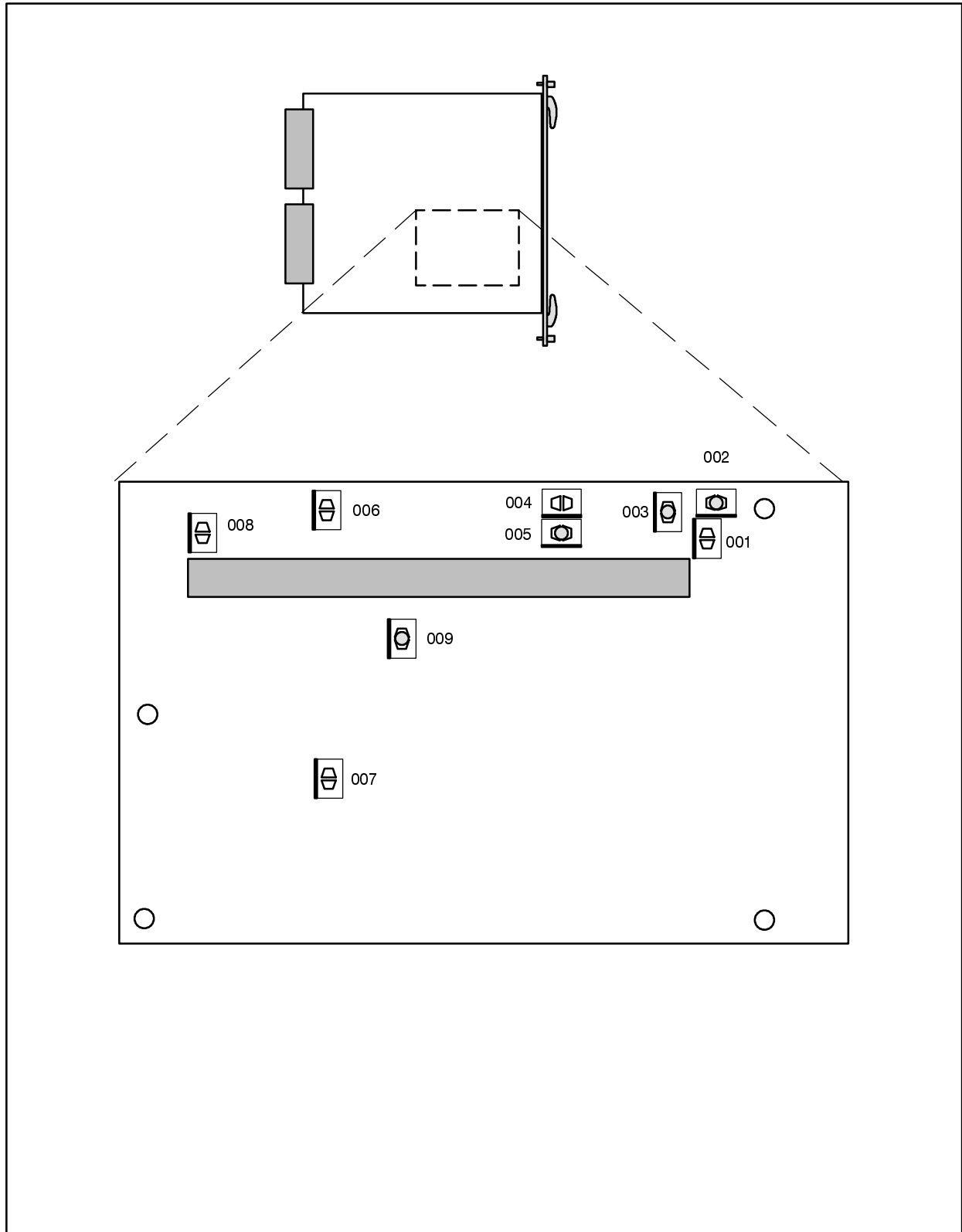


Code : 130-3445/01

Soldering side

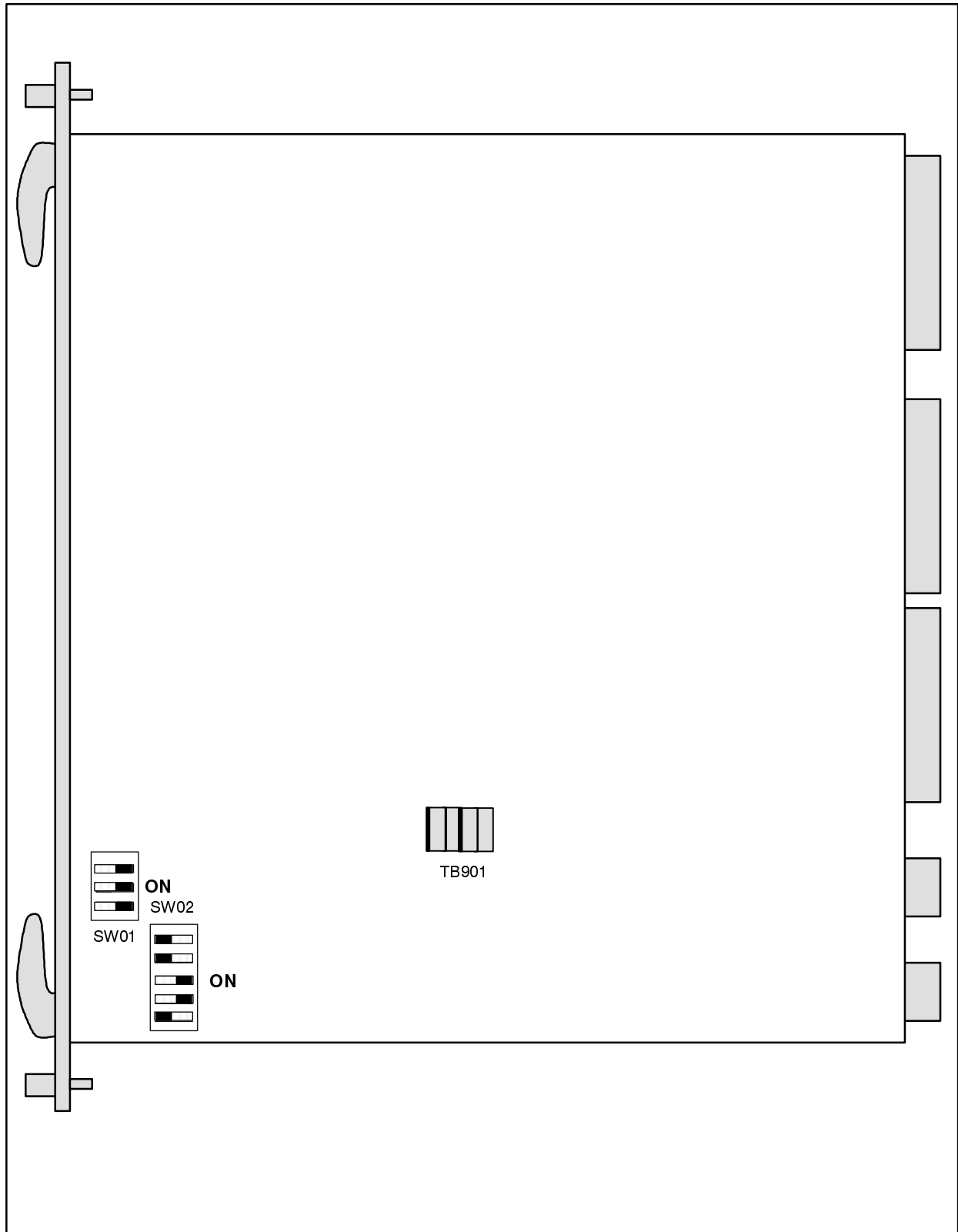


Code : 130-3453/01

Soldering side

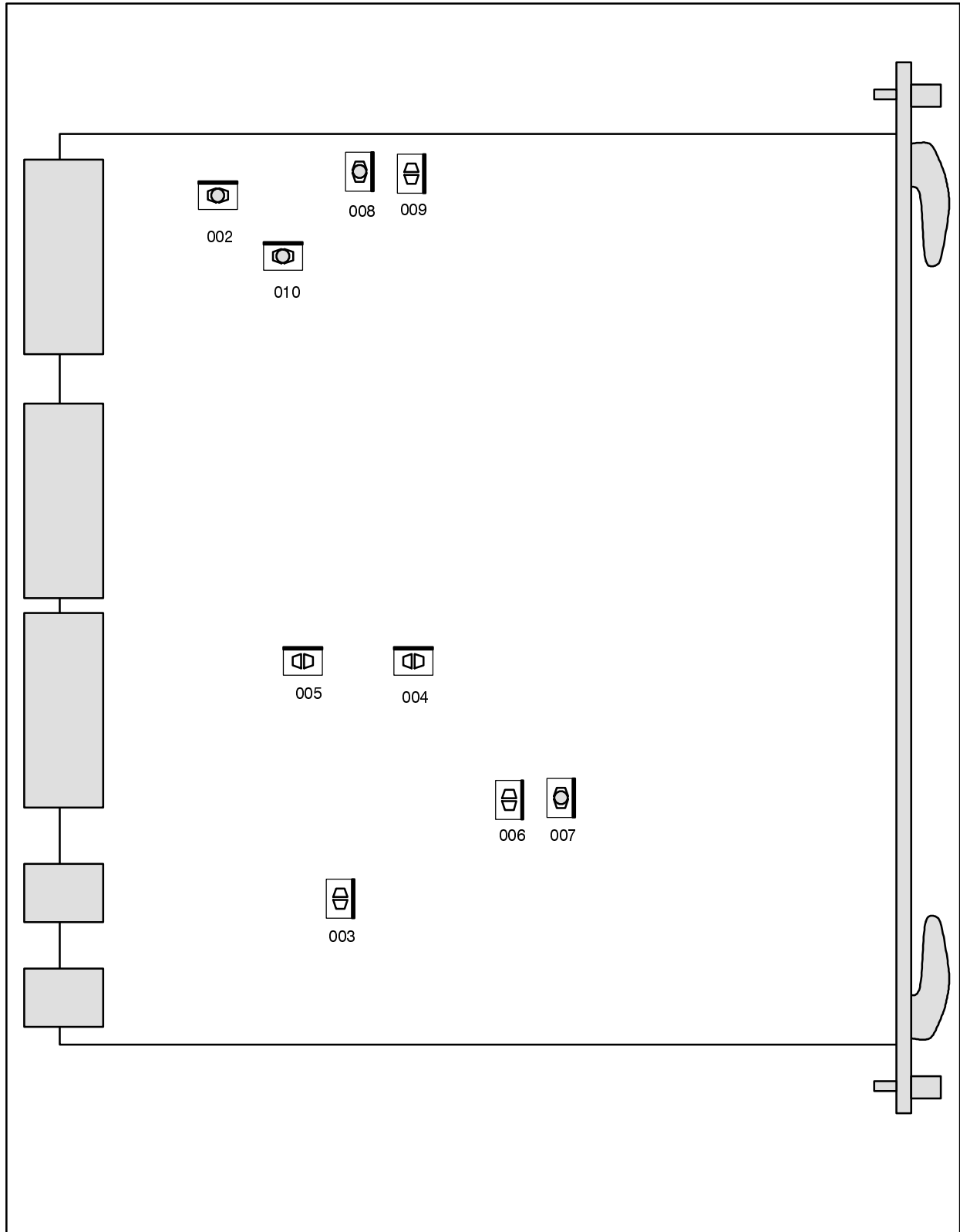
Communication Unit

Code : 131-8924/01

Communication Unit *Component side*

Code : 131-8924/01

Communication Unit *Soldering side*



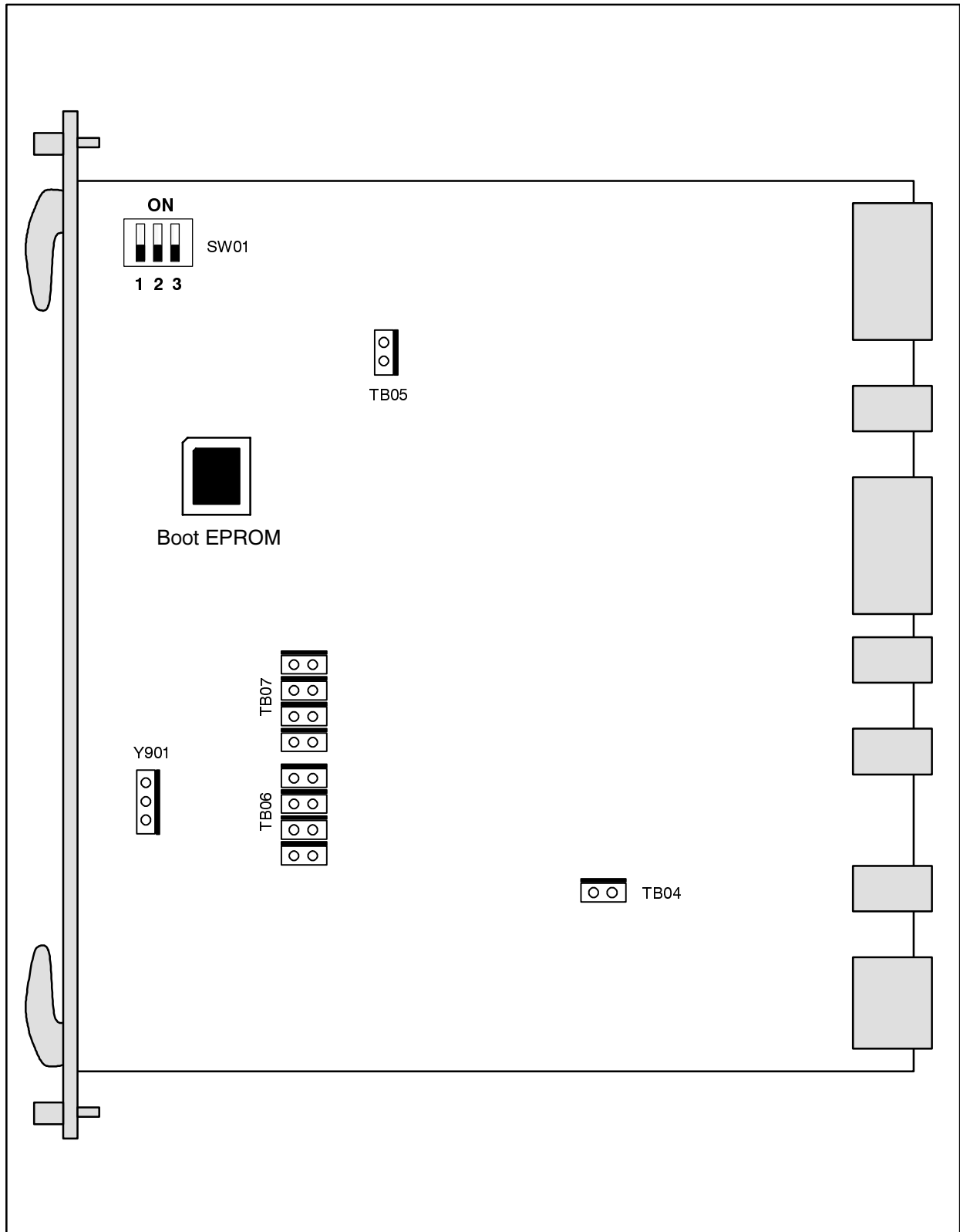
3x45Mbit/s Tributary Unit

FUNCTION	DEVICE	OPEN	CLOSED
MECHANICAL GROUND NOT CONNECTED TO UNIT ELECTRICAL GROUND	08 and 09	✓	•
MECHANICAL GROUND CONNECTED TO UNIT ELECTRICAL GROUND			✓

———— The symbol • indicates the usual setting position

Code : 131-9251/01

Component side



Code : 131-9251/01

Soldering side

