

# mitsubishi

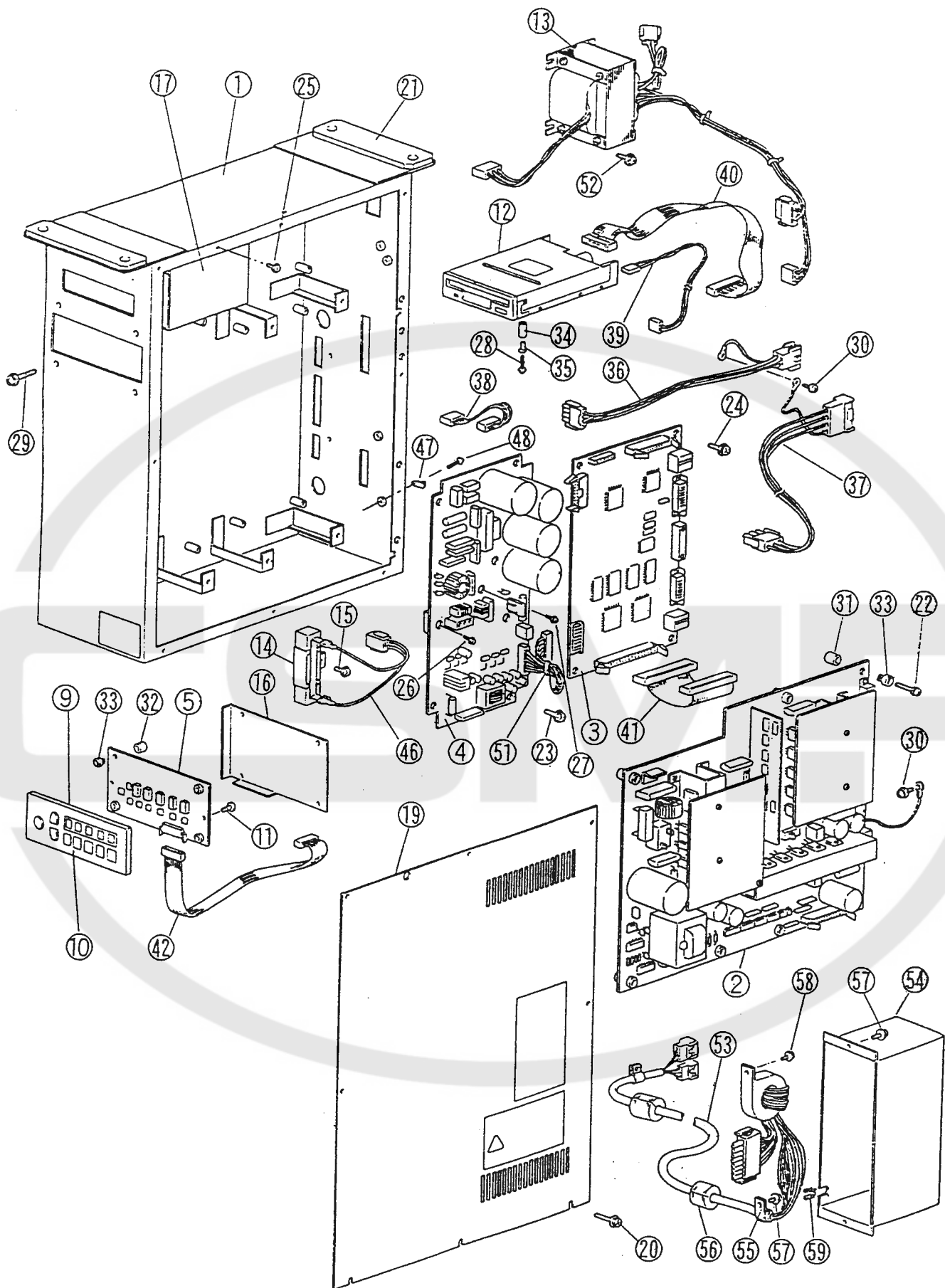
## 三菱工業用ミシン制御部品カタログ

### Industrial Sewing Machine Control Unit Parts List

#### Model PLK-B

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[A] 制御盤の主要部品 & CEキット  
MAIN PARTS ON CONTROL UNIT & CE-KIT



| Fig. No. | 変更 No. | 部品コード<br>Parts. No. | 部 品 名                    | Description                  | 使用個数<br>Amt. Reg. | PLK-B |   |
|----------|--------|---------------------|--------------------------|------------------------------|-------------------|-------|---|
| A001     |        | K14M73840001        | 箱組立                      | Box                          | 1                 | -     | - |
| A002     |        | M800B1PMD           | プリント基板 (PLK-B1-PMD)      | P. C. B. [PLK-B1-PMD]        | 1                 | -     | - |
| A003     |        | M800B1CPU           | プリント基板 (PLK-B1-CPU)      | P. C. B. [PLK-B1-CPU]        | 1                 | -     | - |
| A004     |        | K14M71908211        | プリント基板 (XC-B2-1B-2005)   | P. C. B. [XC-B2-1B-2005]     | 1                 | -     | - |
| A005     |        | M800B1DISP          | プリント基板 (PLK-B1-DISP)     | P. C. B. [PLK-B-DISP]        | 1                 | -     | - |
| A009     |        | K14M71730101        | 設定パネル                    | Setting Panel                | 1                 | -     | - |
| A010     |        | K14M73892401        | シート                      | Sheet                        | 1                 | -     | - |
| A011     |        | K14S90751206        | T・T 押ネジ                  | T・T-P-Screw M3X6             | 2                 | -     | - |
| A012     |        | M820A1FDD           | フロピディスタライズ               | F. D. D.                     | 1                 | -     | - |
| A013     |        | K14M31210004        | トランス組立                   | Transformer (200-240V)       | 1                 | -     | - |
| A014     |        | K14M030A101K        | 回生抵抗                     | Resistor (200-240V)          | 1                 | -     | - |
| A015     |        | K14S90203408        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X8  | 1                 | -     | - |
| A016     |        | K14M73850201        | 取付板 (DISP基板)             | Guide                        | 1                 | -     | - |
| A017     |        | K14M73850301        | 取付板 (FDD用)               | Guide                        | 1                 | -     | - |
| A019     |        | K14M73846001        | カバー                      | Cover                        | 1                 | -     | - |
| A020     |        | K14S90203410        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X10 | 8                 | -     | - |
| A021     |        | K14M73848101        | ゴム                       | Rubber                       | 2                 | -     | - |
| A022     |        | K14S90203420        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X20 | 7                 | -     | - |
| A023     |        | K14S90203408        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X8  | 4                 | -     | - |
| A024     |        | K14S90203408        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X8  | 4                 | -     | - |
| A025     |        | K14S90203408        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X8  | 3                 | -     | - |
| A026     |        | K14S90203412        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X12 | 2                 | -     | - |
| A027     |        | K14S90203212        | SW-PW付 押ネジ               | P-Screw with SW&PW M3X0.5X12 | 2                 | -     | - |
| A028     |        | K14S90203218        | SW-PW付 押ネジ               | P-Screw with SW&PW M3X0.5X18 | 4                 | -     | - |
| A029     |        | K14S90203425        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X25 | 4                 | -     | - |
| A030     |        | K14S90201408        | SW付 押ネジ                  | P-Screw with SW M4X0.7X8     | 3                 | -     | - |
| A031     |        | K14M94508600        | カラー (PMD基板)              | Collar [NA-410]              | 7                 | -     | - |
| A032     |        | K14S96087106        | カラー (DISP基板)             | Collar [NA-405]              | 4                 | -     | - |
| A033     |        | K14S96087112        | ブッシュ (PMD, DISP基板)       | Bushing [NB-400]             | 11                | -     | - |
| A034     |        | K14M82300102        | カラー (FDD用)               | Collar                       | 4                 | -     | - |
| A035     |        | K14M96047700        | ブッシュ (FDD用)              | Bushing [TB-300]             | 4                 | -     | - |
| A036     |        | K14M71926231        | 接続電線 ([XC-B] ⇔ [押入スイッチ]) | Cord ([XC-B] ⇔ [SW])         | 1                 | -     | - |
| A037     |        | K14M73826030        | 接続電線 ([XC-B] ⇔ [モータ])    | Cord ([XC-B] ⇔ [Motor])      | 1                 | -     | - |
| A038     |        | K14M73826130        | 接続電線 ([XC-B] ⇔ [PMD])    | Cord ([XC-B] ⇔ [PMD])        | 1                 | -     | - |
| A039     |        | K14M73826230        | 接続電線 ([PMD] ⇔ [FDD])     | Cord ([PMD] ⇔ [FDD])         | 1                 | -     | - |
| A040     |        | K14M73826331        | 接続電線 ([CPU] ⇔ [FDD])     | Cord ([CPU] ⇔ [FDD])         | 1                 | -     | - |
| A041     |        | K14M73826430        | 接続電線 ([CPU] ⇔ [PMD])     | Cord ([CPU] ⇔ [PMD])         | 1                 | -     | - |
| A042     |        | K14M73826530        | 接続電線 ([CPU] ⇔ [DISP])    | Cord ([CPU] ⇔ [DISP])        | 1                 | -     | - |
| A046     |        | K14M71926330        | 接続電線 ([XC-B] ⇔ [回生抵抗])   | Cord ([XC-B] ⇔ [Resistor])   | 1                 | -     | - |
| A047     |        | K14S94575207        | ナイロンクリップ                 | Nylon Clip [HP-7N]           | 2                 | -     | - |
| A048     |        | K14S90203410        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X10 | 2                 | -     | - |
| A051     |        | K14M94505000        | インシュロックタイ                | Band [T18R]                  | 6                 | -     | - |
| A052     |        | K14S90203410        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X10 | 4                 | -     | - |
| A053     |        | K14M73827930        | 接続電線 ([PMD] ⇔ [PM])      | Cord ([PMD] ⇔ [PM])          | 1                 | -     | - |
| A054     |        | K14M73842001        | カバー                      | Cover                        | 1                 | -     | - |
| A055     |        | K14M94500044        | ナイロンクリップ                 | Nylon Clip                   | 1                 | -     | - |
| A056     |        | K14M09044601        | フェライトコア                  | Core [ZCAT3035-1330]         | 7                 | -     | - |
| A057     |        | K14S90201408        | SW付 押ネジ                  | P-Screw with SW M4X0.7X8     | 4                 | -     | - |
| A058     |        | K14S90203410        | SW-PW付 押ネジ               | P-Screw with SW&PW M4X0.7X10 | 1                 | -     | - |
| A059     |        | K14S93505799        | 自在ブッシュ                   | Bushing [KG-012]             | 1                 | -     | - |

注・[A053]～[A059]は、CEキット部品です。

[B] 制御盤付属品 & 押しボタンスイッチ組立  
CONTROL UNIT ACCESSORY & POWER SWITCH ASSEMBLY

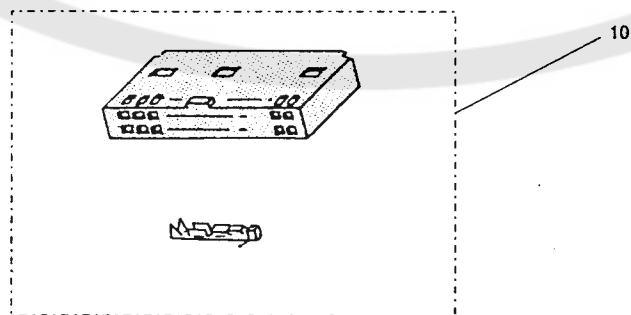
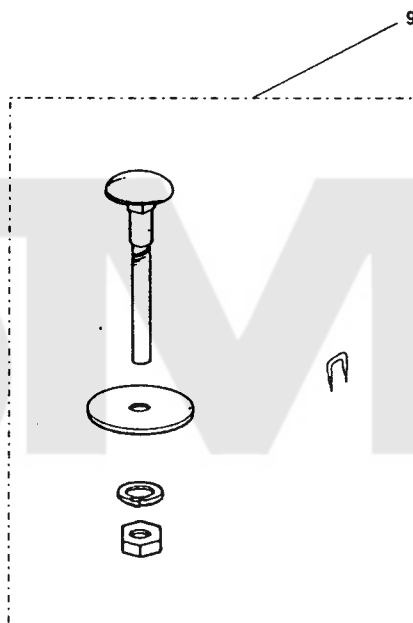
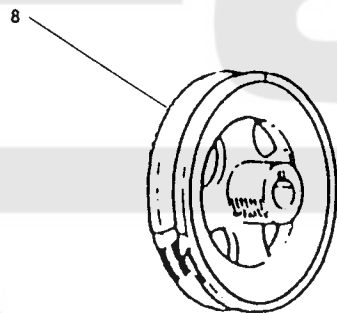
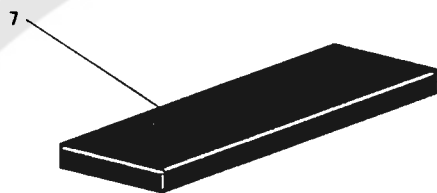
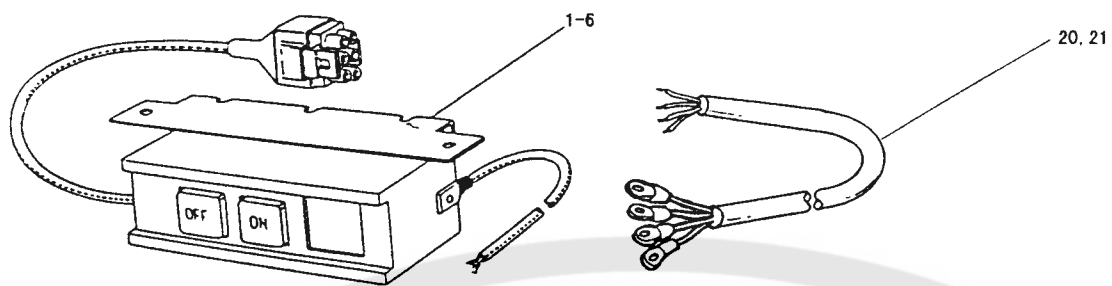


Fig. 変更 部品コード  
No. Mod. Parts. No.

部 品 名

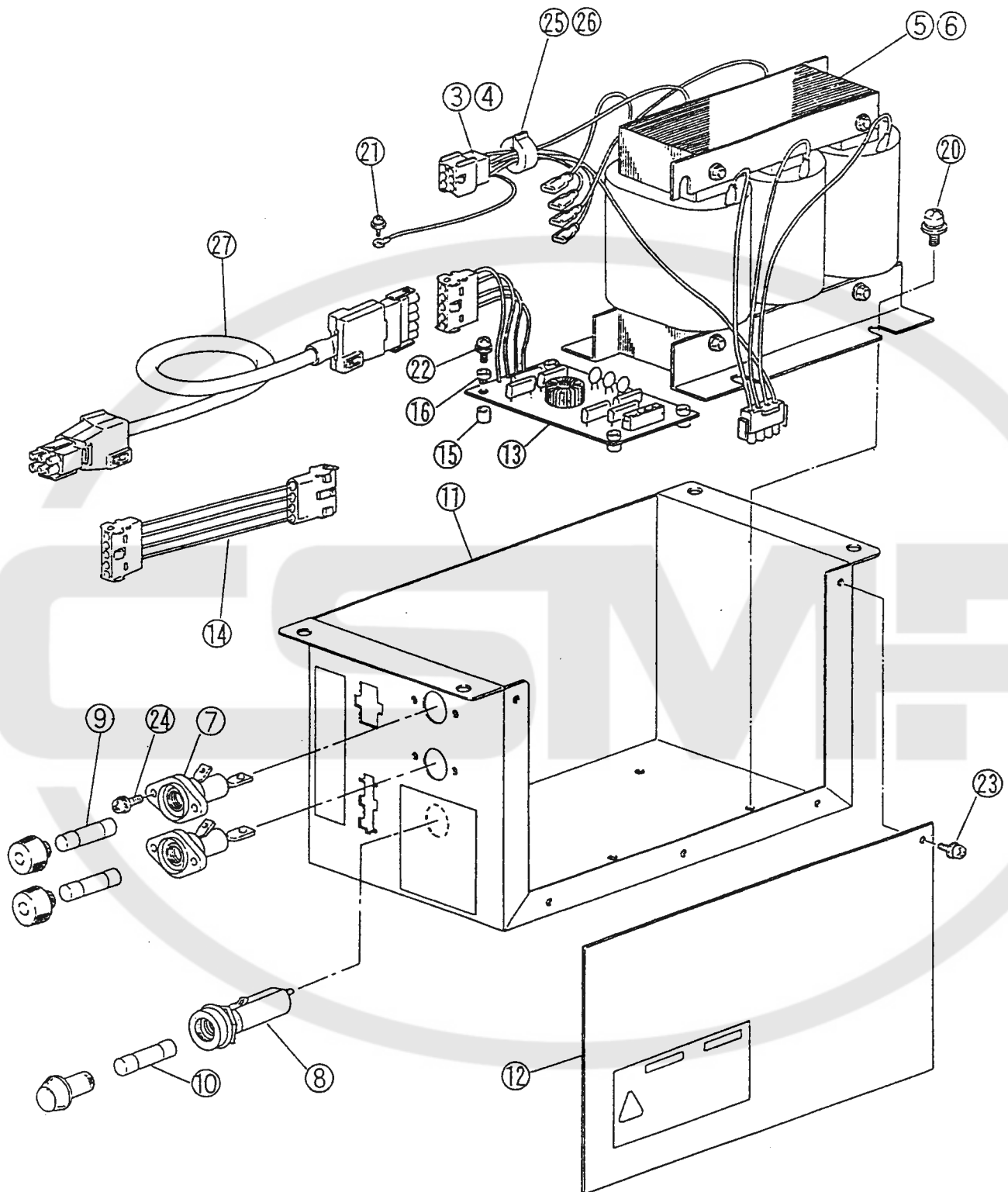
Description

使用個数  
Amt. Reg.

PLK-B

|      |              |                                                                            |   |   |   |
|------|--------------|----------------------------------------------------------------------------|---|---|---|
| B001 | K14M47932201 | 押釦スイッチ組立 (国内, キャップ 付) . . . . . SW. (Japan, Cap. 3 φ AC200V) . . . . .     | 1 | - | - |
| B002 | K14M47932202 | 押釦スイッチ組立 (ストレインリリーフ付) . . . . . SW. (Strain relief, 3 φ, AC200-240V) . . . | 1 | - | - |
| B003 | K14M47932203 | 押釦スイッチ組立 (ストレインリリーフ付) . . . . . SW. (Strain relief, 3 φ, AC380-415V) . . . | 1 | - | - |
| B004 | K14M47932204 | 押釦スイッチ組立 (国内, 2P7 ラク 付) . . . SW. (Japan, 2P, 1 φ AC100V) . . . . .        | 1 | - | - |
| B005 | K14M47932205 | 押釦スイッチ組立 (ストレインリリーフ付) . . . . . SW. (Strain relief, 1 φ, AC100-120V) . . . | 1 | - | - |
| B006 | K14M47932206 | 押釦スイッチ組立 (ストレインリリーフ付) . . . . . SW. (Strain relief, 1 φ, AC200-240V) . . . | 1 | - | - |
| B007 | K14M73848301 | ゴ ム ハ ッ キ ン . . . . . Rubber . . . . .                                     | 1 | - | - |
| B008 | K14M30140001 | プ ー リ . . . . . Pulley [T-65] . . . . .                                    | 1 | - | - |
| B009 | K14M09023113 | 付属品 (ボルト関連) . . . . . Accessory (Bolt) . . . . .                           | 1 | - | - |
| B010 | K14M09044203 | 付属品 (コネクタ関連) . . . . . Accessory (Connector) . . . . .                     | 1 | - | - |
| B020 | K14M09032387 | 電源コード (ヨーロッパ) . . . . . Power Code (Eur.) (3 φ, AC380-415V) . . .          | 1 | - | - |
| B021 | K14M09036806 | 電源コード (ヨーロッパ) . . . . . Power Code (Eur.) (1 φ, AC200-240V) . . .          | 1 | - | - |

[C] 電源ユニットの主要部品  
MAIN PARTS ON POWER UNIT



|      |              |                              |                                 |   |   |   |
|------|--------------|------------------------------|---------------------------------|---|---|---|
| C003 | K14M73826730 | 接続電線組立.....                  | Cord(3φ, 380-415V).....         | 1 | 1 | - |
| C004 | K14M73826830 | 接続電線組立.....                  | Cord(1φ, 100-120V).....         | - | - | 1 |
| C005 | K14M73804130 | トランス組立.....                  | Transformer (3φ, 380-415V)..... | 1 | 1 | - |
| C006 | K14M73804330 | トランス組立.....                  | Transformer (1φ, 100-120V)..... | - | - | 1 |
| C007 | K14M46000003 | ヒューズホルダー 30A.....            | Fuse holder [HPF 30A 600V]..... | 2 | 2 | - |
| C008 | K14S46002565 | ヒューズホルダー 5A.....             | Fuse holder [S-N2054].....      | - | - | 1 |
| C009 | K14M46000002 | ヒューズ 5A.....                 | Fuse [KTK-5 5A].....            | 2 | 2 | - |
| C010 | K14M46018000 | ヒューズ 20A.....                | Fuse [FGB0 250V-20A].....       | - | - | 1 |
| C011 | K14M73840101 | 箱.....                       | Box [SPHC 1.6T].....            | 1 | 1 | 1 |
| C012 | K14M73846101 | 側面フタ.....                    | Cover [SPHC 1.6T].....          | 1 | 1 | 1 |
| C013 | M800B1FIL    | プリント基板 (PLK-B1-FIL).....     | P. C. B. [PLK-B1-FIL].....      | 1 | - | - |
| C014 | K14M73826930 | 接続電線組立.....                  | Cord(1φ, 100V/3φ, 380V).....    | - | 1 | 1 |
| C015 | K14M96000200 | ワナッチカラー (PLK-B1-FIL基板用)..... | Collar [NA-407].....            | 4 | - | - |
| C016 | K14S95900112 | ワナッチブッシュ.....                | Bushing [NB-400].....           | 4 | - | - |
| C020 | K14S90203814 | SW-PW付 平ネジ.....              | P-Screw with SW&PW M8X0.7X14..  | 4 | 4 | 4 |
| C021 | K14S90201408 | SW付 平ネジ.....                 | P-Screw with SW M4X0.7X8.....   | 1 | 1 | 1 |
| C022 | K14S90203416 | SW-PW付 平ネジ.....              | P-Screw with SW&PW M4X0.7X16..  | 4 | - | - |
| C023 | K14S90203410 | SW-PW付 平ネジ.....              | P-Screw with SW&PW M4X0.7X10..  | 5 | 5 | 5 |
| C024 | K14S90203410 | SW-PW付 平ネジ.....              | P-Screw with SW&PW M4X0.7X10..  | 4 | 4 | - |
| C025 | K14M19400002 | フェライトコア.....                 | Core [TFC-25-15-12].....        | 1 | - | - |
| C026 | K14M94505000 | インシュロックタイ.....               | Band [T18R].....                | 1 | - | - |
| C027 | K14M73827030 | 接続電線組立.....                  | Cord.....                       | 1 | 1 | 1 |

[D] ノイズフィルターユニット [PLK-B-NU-20] 部分の主要部品と付属品  
MAIN PARTS OF NOISE FILTER UNIT [PLK-B-NU-20]

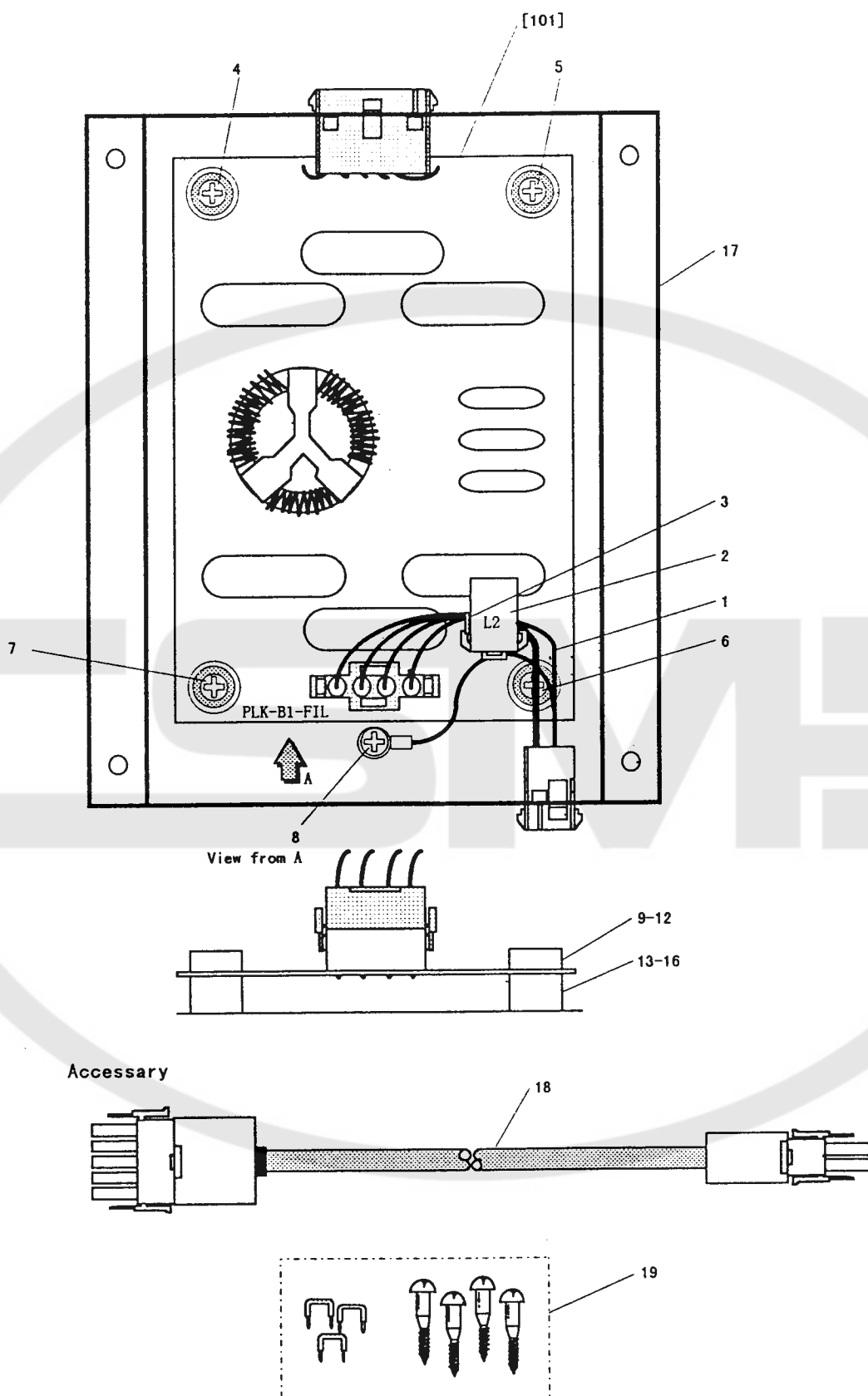


Fig. 変更 部品コード  
No. Mod. Parts.No.

部 品 名

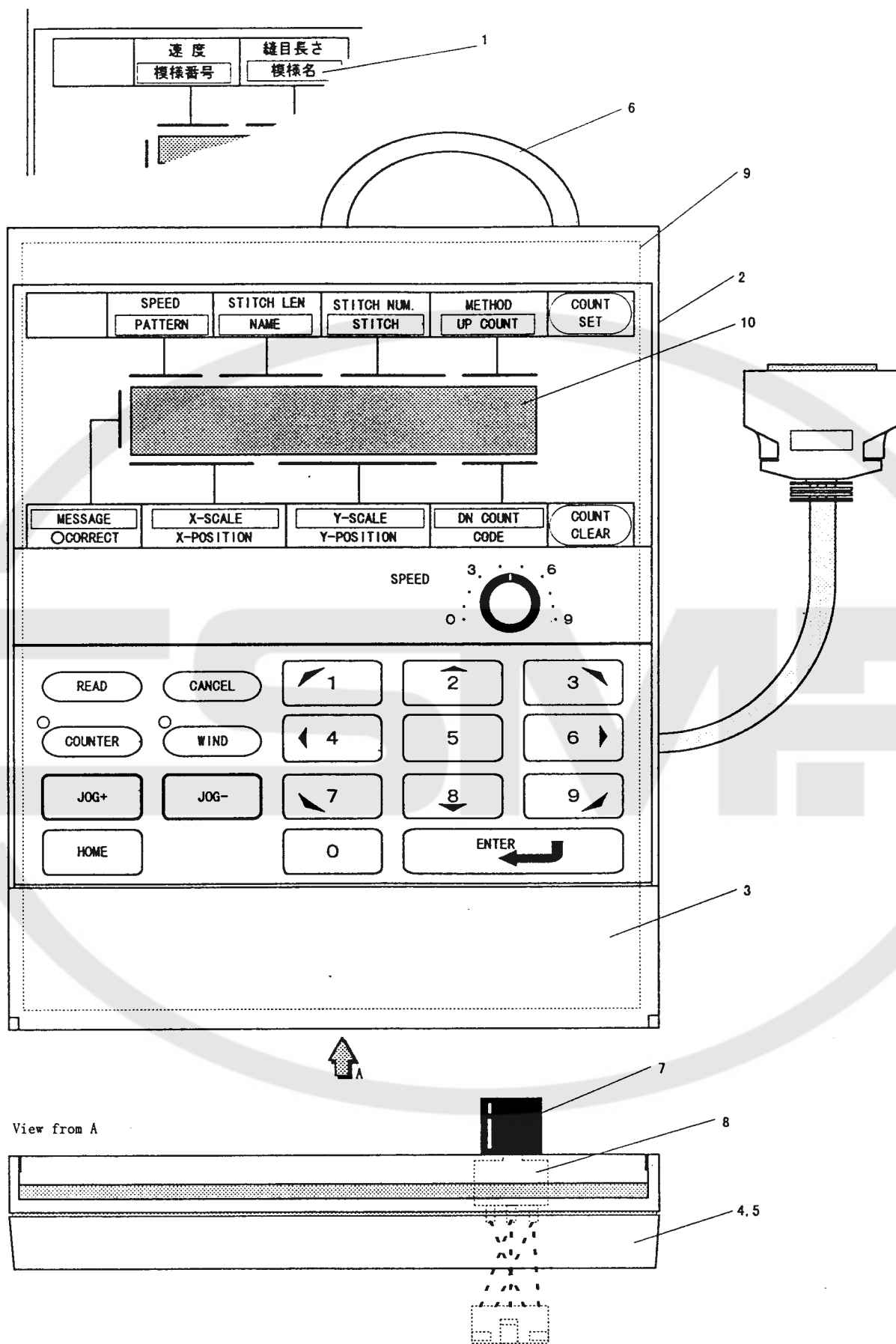
Description

使用個数  
Amt. Reg.

PLK-B

|      |              |                      |                              |   |   |   |
|------|--------------|----------------------|------------------------------|---|---|---|
| D001 | K14M73827130 | 接続電線組立               | Cord                         | 1 | - | - |
| D002 | K14M19400002 | フェライトコア (L2)         | Core [TFC-25-15-12]          | 1 | - | - |
| D003 | K14M94505000 | インシュロックタイ            | Band [T18R]                  | 1 | - | - |
| D004 | K14S90203416 | SW-PW付 Pナメネジ         | P-Screw with SW&PW M4X0.7X16 | 1 | - | - |
| D005 | K14S90203416 | SW-PW付 Pナメネジ         | P-Screw with SW&PW M4X0.7X16 | 1 | - | - |
| D006 | K14S90203416 | SW-PW付 Pナメネジ         | P-Screw with SW&PW M4X0.7X16 | 1 | - | - |
| D007 | K14S90203416 | SW-PW付 Pナメネジ         | P-Screw with SW&PW M4X0.7X16 | 1 | - | - |
| D008 | K14S90201406 | SW付 Pナメネジ            | P-Screw with SW M4X0.7X6     | 1 | - | - |
| D009 | K14S95900112 | ワタッパグシ (PMD, DISP用)  | Bushing [NB-400]             | 1 | - | - |
| D010 | K14S95900112 | ワタッパグシ (PMD, DISP用)  | Bushing [NB-400]             | 1 | - | - |
| D011 | K14S95900112 | ワタッパグシ (PMD, DISP用)  | Bushing [NB-400]             | 1 | - | - |
| D012 | K14S95900112 | ワタッパグシ (PMD, DISP用)  | Bushing [NB-400]             | 1 | - | - |
| D013 | K14M96000200 | ワタッパカラー (PMD, DISP用) | Collar [NA-407]              | 1 | - | - |
| D014 | K14M96000200 | ワタッパカラー (PMD, DISP用) | Collar [NA-407]              | 1 | - | - |
| D015 | K14M96000200 | ワタッパカラー (PMD, DISP用) | Collar [NA-407]              | 1 | - | - |
| D016 | K14M96000200 | ワタッパカラー (PMD, DISP用) | Collar [NA-407]              | 1 | - | - |
| D017 | K14M73840201 | 箱組立                  | Box                          | 1 | - | - |
| D018 | K14M73827030 | 接続電線組立               | Cord                         | 1 | - | - |
| D019 | K14M09023114 | 付属品 (ネジ 関連)          | Accessory (Screw)            | 1 | - | - |
| D101 | M800B1FIL    | プリント基板 (PLK-B1-FIL)  | P. C. B. [PLK-B1-FIL]        | 1 | - | - |

[E] 入力パネル[PLK-B-PAL]部分の主要部品  
MAIN PARTS OF TEACHING PANEL [PLK-B-PAL]



# MAIN PARTS OF TEACHING PANEL [PLK-B-PAL]

| Fig.<br>No. | 変更<br>Mod. | 部品コード<br>Parts. No. | 部 品 名                  | Description                    | 使用個数<br>Amt. Reg. | PLK-B |   |
|-------------|------------|---------------------|------------------------|--------------------------------|-------------------|-------|---|
| E001        |            | K14M31480003        | 表面ワ(和文).....           | Cover (Japanese).....          | 1                 | -     | - |
| E002        |            | K14M31480004        | 表面ワ(英文).....           | Cover (English).....           | 1                 | -     | - |
| E003        |            | K14M31480005        | [開閉ワ]+[ピン](和文/英文)..... | [Cover]+[Pin] (Jap./Eng.)..... | 1                 | -     | - |
| E004        |            | K14M31480006        | 裏面ワ.....               | Cover.....                     | 1                 | -     | - |
| E005        |            | K14M31480007        | ケーブルクランプワ.....         | Cover of cable clamp.....      | 1                 | -     | - |
| E006        |            | K14M31480008        | ケーブル.....              | Cable.....                     | 1                 | -     | - |
| E007        |            | K14M31480009        | 可変リウム.....             | Variable resistor.....         | 1                 | -     | - |
| E008        |            | K14M31480010        | ロータリスイッチ.....          | Switch.....                    | 1                 | -     | - |
| E009        |            | M800B0PAL           | プリント基板.....            | P. C. B. ....                  | 1                 | -     | - |
| E010        |            | K14M31480012        | LCD.....               | LCD.....                       | 1                 | -     | - |



# INDEX (I)

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|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| K14M030A101K        | P2...A014            | K14M94500044        | P2...A055            |                     |                      |
| K14M09023113        | P4...B009            | K14M94505000        | P2...A051            |                     |                      |
| K14M09023114        | P8...D019            |                     | P6...C026            |                     |                      |
| K14M09032387        | P4...B020            |                     | P8...D003            |                     |                      |
| K14M09036806        | P4...B021            | K14M94508600        | P2...A031            |                     |                      |
| K14M09044203        | P4...B010            | K14M96000200        | P6...C015            |                     |                      |
| K14M09044601        | P2...A056            |                     | P8...D013            |                     |                      |
| K14M19400002        | P6...C025            |                     | P8...D014            |                     |                      |
|                     | P8...D002            |                     | P8...D015            |                     |                      |
| K14M30140001        | P4...B008            |                     | P8...D016            |                     |                      |
| K14M31210004        | P2...A013            | K14M96047700        | P2...A035            |                     |                      |
| K14M31480003        | P10...E001           | K14S46002565        | P6...C008            |                     |                      |
| K14M31480004        | P10...E002           | K14S90201406        | P8...D008            |                     |                      |
| K14M31480005        | P10...E003           | K14S90201408        | P2...A030            |                     |                      |
| K14M31480006        | P10...E004           |                     | P2...A057            |                     |                      |
| K14M31480007        | P10...E005           |                     | P6...C021            |                     |                      |
| K14M31480008        | P10...E006           | K14S90203212        | P2...A027            |                     |                      |
| K14M31480009        | P10...E007           | K14S90203218        | P2...A028            |                     |                      |
| K14M31480010        | P10...E008           | K14S90203408        | P2...A015            |                     |                      |
| K14M31480012        | P10...E010           |                     | P2...A023            |                     |                      |
| K14M46000002        | P6...C009            |                     | P2...A024            |                     |                      |
| K14M46000003        | P6...C007            |                     | P2...A025            |                     |                      |
| K14M46018000        | P6...C010            | K14S90203410        | P2...A020            |                     |                      |
| K14M47932201        | P4...B001            |                     | P2...A048            |                     |                      |
| K14M47932202        | P4...B002            |                     | P2...A052            |                     |                      |
| K14M47932203        | P4...B003            |                     | P2...A058            |                     |                      |
| K14M47932204        | P4...B004            |                     | P6...C023            |                     |                      |
| K14M47932205        | P4...B005            |                     | P6...C024            |                     |                      |
| K14M47932206        | P4...B006            | K14S90203412        | P2...A026            |                     |                      |
| K14M71730101        | P2...A009            | K14S90203416        | P6...C022            |                     |                      |
| K14M71908211        | P2...A004            |                     | P8...D004            |                     |                      |
| K14M71926231        | P2...A036            |                     | P8...D005            |                     |                      |
| K14M71926330        | P2...A046            |                     | P8...D006            |                     |                      |
| K14M73804130        | P6...C005            |                     | P8...D007            |                     |                      |
| K14M73804330        | P6...C006            | K14S90203420        | P2...A022            |                     |                      |
| K14M73826030        | P2...A037            | K14S90203425        | P2...A029            |                     |                      |
| K14M73826130        | P2...A038            | K14S90203814        | P6...C020            |                     |                      |
| K14M73826230        | P2...A039            | K14S90751206        | P2...A011            |                     |                      |
| K14M73826331        | P2...A040            | K14S93505799        | P2...A059            |                     |                      |
| K14M73826430        | P2...A041            | K14S94575207        | P2...A047            |                     |                      |
| K14M73826530        | P2...A042            | K14S95900112        | P6...C016            |                     |                      |
| K14M73826730        | P6...C003            |                     | P8...D009            |                     |                      |
| K14M73826830        | P6...C004            |                     | P8...D010            |                     |                      |
| K14M73826930        | P6...C014            |                     | P8...D011            |                     |                      |
| K14M73827030        | P6...C027            |                     | P8...D012            |                     |                      |
|                     | P8...D018            | K14S96087106        | P2...A032            |                     |                      |
| K14M73827130        | P8...D001            | K14S96087112        | P2...A033            |                     |                      |
| K14M73827930        | P2...A053            | M800BOPAL           | P10...E009           |                     |                      |
| K14M73840001        | P2...A001            | M800B1CPU           | P2...A003            |                     |                      |
| K14M73840101        | P6...C011            | M800B1DISP          | P2...A005            |                     |                      |
| K14M73840201        | P8...D017            | M800B1FIL           | P6...C013            |                     |                      |
| K14M73842001        | P2...A054            |                     | P8...D101            |                     |                      |
| K14M73846001        | P2...A019            | M800B1PMD           | P2...A002            |                     |                      |
| K14M73846101        | P6...C012            | M820A3FDD           | P2...A012            |                     |                      |
| K14M73848101        | P2...A021            |                     |                      |                     |                      |
| K14M73848301        | P4...B007            |                     |                      |                     |                      |
| K14M73850201        | P2...A016            |                     |                      |                     |                      |
| K14M73850301        | P2...A017            |                     |                      |                     |                      |
| K14M73892401        | P2...A010            |                     |                      |                     |                      |
| K14M82300102        | P2...A034            |                     |                      |                     |                      |