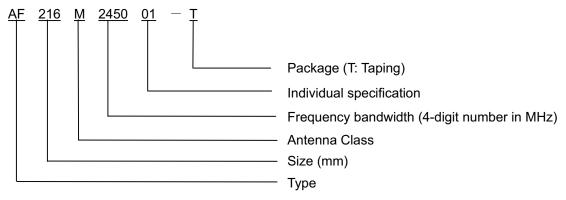
#### 1.0 Scope

This specification covers the helical antenna in mounted condition on Taiyo Yuden evaluation board.

#### Part Numbering System



2.0 Environment condition (Refer to the reliability test of table -1 for the reliability assurance)

2.1 Operating temperature range :  $-20^{\circ}$ C to  $+80^{\circ}$ C

2.2 Humidity : 15 to 95%RH (Without dew condensation)

2.3 Storage temperature range (Antenna of single unit)

: -40°C to +85°C

2.4 Storage temperature and humidity range (packing condition)

:  $-10^{\circ}$ C to  $+40^{\circ}$ C, 15 to 85% RH

3.0 Electrical characteristics

3.1 Input Impedance :  $50 \Omega$  (Specified value ) 3.2 Frequency bandwidth : 2400 to 2500MHz 3.3  $Gain^{*1}$  : +1 dBi min. (Peak)

: -2 dBi min.

(Vertical polarization average gain of omni directional plane)

: -6 dBi min. (Total average gain)

3.4 VSWR in bandwidth\*<sup>2</sup> : 3.0 (Typical)

- \*1: Total average gain in 3.3 of electrical characteristics shall be total average gain of V, H polarization in X-Y, Y-Z and X-Z side (Average of total measurement points) in mounted on Taiyo Yuden evaluation board.
- \*2: VSWR in bandwidth in 3.4 of electrical specification shall be VSWR mounted on Taiyo Yuden on standard board.
- 4.0 Mechanical performance
  - 4.1 Shape dimension: Refer to figure -1.
  - 4.2 Dimension of evaluation board and land-patterns: Refer to figure -2, 3.

# Reflow soldering temperature profile

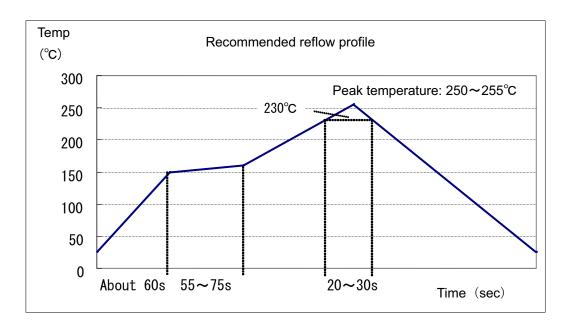
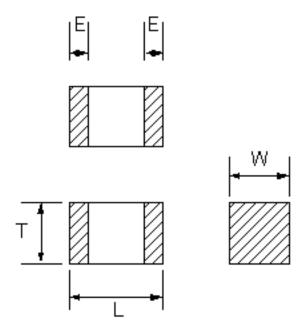


Figure -1

Part number: PG\_AF\_216M245001-T

# Shape dimension

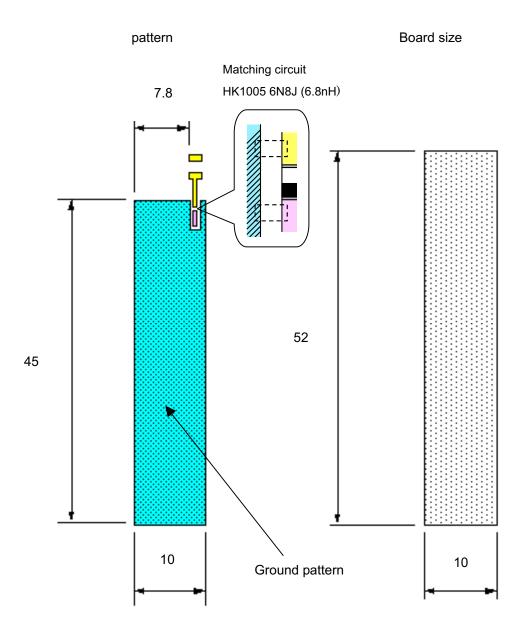


| Code | L       | W       | Т       | E       |
|------|---------|---------|---------|---------|
| Size | 2.5±0.2 | 1.6±0.2 | 1.6±0.2 | 0.5±0.3 |

Unit: mm

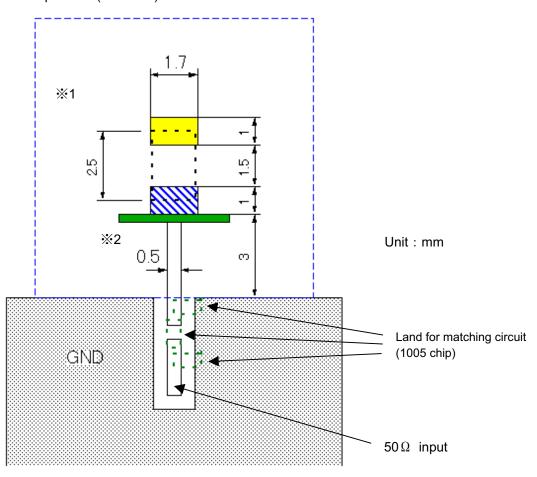
Figure -2
Dimension of evaluation board for this antenna

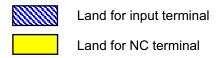
- · Board material: FR-4
- Thickness of base material: 0.8mm
- · Electrode pattern: single-side
- Thickness of electrode: 35  $\mu$  m
- · Land part: Refer to figure3



 $Unit: \, mm$ 

Figure -3
Antenna land-patterns (Tentative)





%1 : Don't arrange the pattern on near, surface and inside layer to the antenna mounting area.
(Refer to our company evaluation circuit board.)

※2 : A solder area is set at solder resist.

#### Precautions

- 1. Be careful of using these products because characteristics may be deteriorated when it is used in the following environment.
  - · Special gas atmosphere (Such as Cl2, NH3, SOx and Nox, etc.)
  - · Gas atmosphere with volatility and flammability
  - · Place where dust is abundant
  - Place where water splashes directly, dew condensation is ease to occur because of high humidity, direct sunlight is subjected and freeze.
- 2. Don't apply excessive pressure and shock because these products are made from ceramics element.
- 3. Don't apply excessive pressure and shock to these products during transporting and handling of print circuit board that these products are soldered.
- 4. Be careful of handling (Don't fall and hit) because characteristics changes when electrode is damaged and chipped out. And, don't touch these products with bare hands because it causes a solderability decline.
- 5. Please storage under the following condition

Temperature : Below +40  $\,^{\circ}\mathrm{C}$ 

Humidity: Below 85% RH

Use these products after the delivery within six months. And, after more than six months have passed, confirm solderability before the use them.

6. Arrange these products of position of mounting where stress isn't applied against sled and deflection of circuit board.

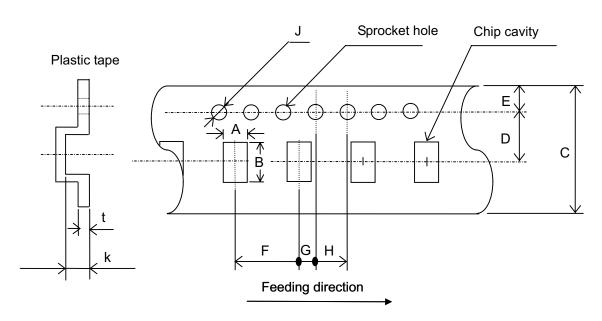
Be careful not to apply stress and deflection of board during process after soldering these products (circuit board cut, break board checker, mounting of other components, installation to chassis and wave soldering to backside of the circuit board after Reflow soldering) because electrode peeling and chip break occur by stress and deflection. When separating print circuit board after mounting, please 7. Be careful not to apply excessive stress and shock to prevent break and chip out during mounting these products on print circuit board.

- 8. Please use flux containing less than 0.1% wt (cl conversion) of halogen material in soldering to prevent corrosion of electrodes and decline of insulation resistance.
- 9. Preheat in soldering so as to be less than 100°C between solder temperature and products temperate to prevent break of these products.
- 10. When supersonic washing is applied, please confirm cleaning condition in advance because crack may occur in these products and the soldering part by vibration and strength of the terminal electrode may be declined.
- 11. When repairing by hand solder iron, temperature of soldering iron should be less than less than 320°C for less than 3 seconds to prevent a terminal electrode decline.

# Tape Packaging (T)

⊚In case of taping packing, plastic tapes shall be used.

Tape Size



### **Dimensions**

| Code | А        | В        | С       | D        | E        | F       | G        |
|------|----------|----------|---------|----------|----------|---------|----------|
| Size | 1.85±0.1 | 2.75±0.1 | 8.0±0.2 | 3.5±0.05 | 1.75±0.1 | 4.0±0.1 | 2.0±0.05 |

[Unit: mm]

### **Dimensions**

| Code | Н       | J  | K         | t         |
|------|---------|--|-----------|-----------|
| Size | 4.0±0.1 | $\phi$ 1.5 $\begin{array}{c} +0.1 \\ -0 \end{array}$ | 1.85 max. | 0.25 max. |

※A, B, t : Sufficient clearance.

[Unit : mm]

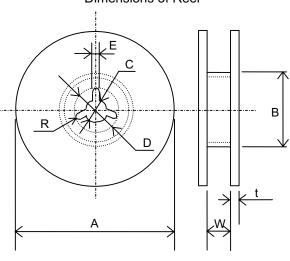
# **Dimension of Reel**

| Code | Α                     | В              | С                     |
|------|-----------------------|----------------|-----------------------|
| Size | $\phi$ 178 $\pm$ 2.0  | $\phi$ 50 min. | $\phi$ 13.0 $\pm$ 0.2 |
| Code | D                     | Е              | W                     |
| Size | $\phi$ 21.0 $\pm$ 0.8 | 2.0±0.5        | 10±1.5                |
|      |                       | •              | •                     |

| ι        | ĸ        |
|----------|----------|
| 3.0 max. | 1.0      |
| _        | 3.0 max. |

[Unit : mm]

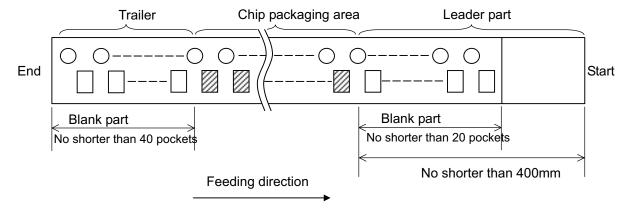
#### Dimensions of Reel



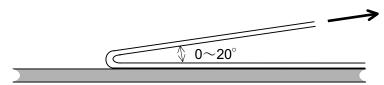
#### Tape Packaging (T)

- 1. Taping shall be right-sided wound. When the end is pulled out, sprocket hole will be at the right-hand side.
- 2. For packaging chips by taping, blank spaces are provided on taping as shown in the figure.

Leader part 400mm min.
Leader part (Blank part) 20 pockets min.
Trailer (Blank part) 40 pockets min.

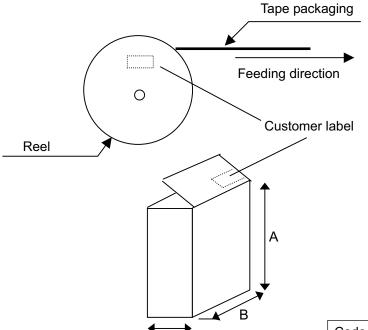


- 3. Seal tape of plastic taping shall not be crossed over sprocket holes.
- 4. Plastic tape shall not be seamed.
- 5. Tensile strength of tape is 5N (0.51kgf) or over.
- 6. Number of chips missed from tape reel shall be 1 piece maximum per reel.
- 7. Standard number of chips contained in a reel shall be 2,000 pieces.
- 8. Label indicating part No., quantity and control No. shall be attached to the outside of reel.
- 9. Peeling strength of seal tape (or top tape) shall be  $0.1 \sim 0.7 \text{N}$  ( $10.2 \sim 71.4 \text{gf}$ ) when seal tape (or top tape) is peeled from carrier tape at an angle of  $0^{\circ} \sim 20^{\circ}$ .



### Tape Packaging (T)

# [Packaging Mode]



Customer label description

- 1.Manufacturer Name
- 2.Customer Parts No.
- 3.Our Parts No.
- 4.Quantity
- 5. Control No.
  - (Shipping Lot No.)
- 6.Manufacturing site

(MADE IN OOO)

| Code | Α   | В   | С   | Reel          |
|------|-----|-----|-----|---------------|
| Size | 190 | 185 | 70  | 5 reels max.  |
| SIZE |     |     | 140 | 10 reels max. |

[Unit: mm] (The size is only for reference.)

Material: Paper

Packaging unit: Maximum 5 reels or 10 reels in a box.

· To attach labels means that all products are passed.

Operating conditions for guarantee of this product are as shown in the specification.

Please note that Taiyo Yuden Co., Ltd. shall not be responsible for a failure and/or abnormality which are caused by use under the conditions other than the aforesaid operating conditions.

This product is developed, designed and intended for use in general electronics equipments. (for AV, household, office supply, information service, telecommunications, etc.). Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive driving and control, passenger protection, train control, ship control), transportation signal, disaster prevention, medical, public information network etc.

where higher safety and reliability are especially required, please contact Taiyo Yuden Co., Ltd. for more detail in advance.

And before incorporating the components or devices into the equipments not mentioned in the above, if there is possibility of direct damage or injury to human body, please contact Taiyo Yuden Co., Ltd. for more detail in advance.

| MARIE PRIME  |  | 品目コード T個数   |   | [記事]                        | 構造                                     | 補給サイン                          | [和品名]   |
|--|--|---|---|-----------------------------|--|--------------------------------|---|
| MART FRAME   | STATE   1997     | B4912001  | 1 MAIN FRAME UNIT 145BT   | ·                           | 01                                     | 1                              | メインフレ-ムソウクミ14   |
| Part    | B   DEALER ASSY  |   |   |                             |  | 9                              |   |
| BANGLORE   BASSY   | Comparison   | 31443001  | 1 PU ROLLER ASSY  |                             | 01.01.02                               | 9                              | PUロ-ラクミ   |
| MARGON   MARGONE   MARGO | Comparison   |   |   |                             |  | 9                              |   |
| MARCHAND   MARCHAND   D. 1972/L/R. 2016   MARCHAND   MARCHAND   D. 1972/L/R. 2016   MARCHAND   MARCHAND   D. 1976/R. 2016/R. | 1  |   |   |                             |  | 9                              |   |
| 144000   | LINCORDEL ASSY   | B1447000  |   |                             | 01.01.03.02                            | 9                              | ストツバ-R  |
|  | Description  |   |   |                             |  | 9<br>g                         |   |
| 1865000  | D. M. KLEFER   D.  | B1450000  | 1 LINK GUIDE L  |                             |  | 9                              |   |
| Second   PATER ROLLER SISSY  |  | B1451000  |   |                             |  | 9                              |   |
| PATER ROLLER SHAFT   | The Part   |   |   |                             |  | 9                              |   |
|  |  | .B1454001   | 1 PLATEN ROLLER SHAFT   |                             |  | 9                              | プラテンロ-ラジク   |
|  | 1  | B1455001  |   |                             |  | 9                              | ジクウケR   |
|  | 2  | B2696001  | 1 HEAD RELEASE CAM R2   |                             |  | 9                              |   |
| STANDON  | Color  | B2697000  | 1 HEAD RELEASE CAM L2   |                             | 01.01.11                               | 9                              | ヘツドリリ-スカムL2   |
| SEPANTOR PATE  | SERRANDON PLATE  | _B1597001   |   | リンクガイドR、リンクガイドL、ジクウケL、ジクウケR |  | 9                              | セイミツBタイトM2X3  |
| SHARPER CLIPS  | 2   PAPAR GUIDE  | B1883000  |   | PUロ-ラ、ブラテンクミ                | 01.01.10                               | 9                              |   |
| 141600   P-GUICE SPRING COMPRESSION  | 1  |   |   |                             |  | 9                              |   |
| 1460000   1960-0800  | 1  | B1462001  | 2 P-GUIDE SPRING COMPRESSION  |                             |  | 9                              |   |
|  |  | B1643001  |   |                             |  | 9                              |   |
| 196500   19650 (ASS A   1967)   1967 | Description  |   |   |                             |  | 9                              |   |
| 1859/0000   125 SAMPT  | D   S SHAFT  | B1465000  | 1 GEAR CASE A   |                             | 01.02.01.01                            | 9                              | ギヤケ-スA  |
| 1986/000   12 GAR  | 1   12   25   26   28   27   27   27   27   27   27   27   | B1466000  | 4 Z2 & Z3 SHAFT   |                             |  | 9                              | Z2&Z3ジク   |
| \$1,95000   \$2,0 GAR  | 2  | _B1468000   |   |                             |  | 9                              |   |
| 147000   | 1   12   12   12   12   12   12   12   | B1469000  | 2 Z3 GEAR   |                             | 01.02.03                               | 9                              | Z3ギヤ  |
| 1479007  | 1  | B1470003<br>B1471000  |   | <u> </u>                    |  | 9                              |   |
| 1479001   72 SIMPT   | 1   12   SAMT  | B1472003  | 1 Z4 PINION   | <u> </u>                    | 01.02.04.02                            | 9                              | Z4ピニオン  |
| 1475003  | 1   MASHER PLAN   100,000   177,00   | B1473001  | 1 Z4 SHAFT  |                             | 01.02.04.03                            | 9                              | Z4ジク  |
| 10003406   中下TANNOR RONE CORP  |  | B1474001  |   |                             |  | 9                              |   |
| 1477000   プリ GEAR  | 27 GEAR  | 048008346   | 1 RETAINING RING E0.8   |                             | 01.02.04.06                            | 9                              | トメワE0.8   |
| 1479/00  | December    | B1476000  |   |                             |  | 9                              |   |
| 19850001   元月  | 11   24 PAPTITE DRECOSE B MANA   |   |   |                             |  | 9                              |   |
| ### 148000   | 1  | B1903001  | 2 TAPTITE PRECISE B M2X4  | ギヤケ-スB                      | 01.02.08                               | 9                              | セイミツBタイトM2X4  |
| 14860001   プラ GEAR   | 1  | B1480000  | 1 PLATEN GEAR   |                             |  | 9                              |   |
| 1468001   FPC MOTOR SENSOR ASSY   11.06   1  | 11   |   |   |                             |  | 9                              |   |
| 1485002   「PC ASS**   1060101   9   PPC?\$   1060101   9   PPC?\$   1485001   148500 | TFC ASSY   | _B4869001   | 1 FPC MOTOR SENSOR ASSY   |                             | 01.06                                  | 9                              | FPCモ-タセンサクミ   |
| 9+HOTO INTERRUPTER CNB 1001  | 11   |   | 1 FPC SENSOR ASSY   |                             | 01.06.01                               | 9                              |   |
| MOTOR ASSY   | MOTOR ASSY   | LB1486001   |   |                             |  | 9                              |   |
| 1489000  | 10   | B4870001  | 1 MOTOR ASSY  |                             | 01.06.02                               | 9                              | 干-タクミ   |
| 31490000   | MOTOR PRION  | B4871001  | 1 MOTOR:SM10-****   |                             |  | 9                              |   |
| 28279001   | 1  | B1490000  |   |                             |  | 9                              |   |
| 28880001   | 1  | B2694001  |   |                             |  | 9                              |   |
| 2889001 1 H KF3003-11  | 1  |   |   |                             |  | 9                              |   |
| 2882001 1 1+S K73003-11  | 1  | B2680001  |   |                             |  | 9                              |   |
| 2889000  | 1   HEAD PRESSURE PLATE ASSY2  | B2681001  |   |                             |  | 9                              |   |
| 1868D001   | HEAD PRESSURE PLATE2   | _B2682001<br>_B2693001  |   | -                           |  | 9                              |   |
| 1500001  | 1  | B2695000  | 1 HEAD PRESSURE PLATE2  |                             | 01.08.02.01                            | 9                              | ヘツドオサエイタ2   |
| MEAD SPRING TORSION L  | 1  | B1500001  |   | <u> </u>                    |  | 9                              |   |
| ### SETAINING RING E15   | RETAINING RING E 15  | _B1501001<br>_B1502001  |   | <u> </u>                    |  | 9                              |   |
| 3459001  | ### APRECISE SOREN M/X25   | 048015346   | 1 RETAINING RING E1.5   |                             | 01.08.02.05                            | 1                              | トメワE1.5   |
| ### ### ### ### ### ### ### ### ### ##   | ## グライスB    11   *******************************   | 048020346<br>B1459001   |   | ヘッドオサエイタクミ3 エ-タクミ1          |  | 1                              |   |
| 田コード   「電数   最名   機能サイン   税品名   1  | # 「  | _B1596001   |   |                             |  | 9                              | セイミツコネジM2X8   |
| 田コード   「電数   最名   機能サイン   税品名   1  | # 「  |   |   |                             | •                                      | •                              | •   |
| FRAME COVER ASSY 145BT   | ### FRAME COVER ASSY 1458T   | 関区分:(COVERS<br>品目コード 下側   | )5V6103-09014-061<br>数 1品名  | (記事)                        | 構造                                     | 補給サイン                          | (和品名)   |
| 18507001   1LED QUIDE  | 1   LED GUIDE  | B4873001  | 1 FRAME COVER ASSY 145BT  | [80-94]                     | 01                                     | 1                              | フレ-ムカパ-クミ145BT  |
| SW ACTUATOR 145BT  | 1  | _B4875001   |   |                             |  | 9                              |   |
| 10.14  | 1  | _B1507001<br>_B4876001  |   |                             |  | 9                              |   |
| 181511001   CASSETTE GUIDE   02   1 カセットガイド  | 11   | B3073001  | 1 EMBLEM MW260  |                             | 01.04                                  | 1                              | エンブレムMW260  |
| 34877001   | 1   SND SPRING PLATE D2 1458T   1   7 - スイタ/ボヤロ 1458T   1   1 - 1 - 1   7 - スイタ/ボヤロ 1458T   1   1 - 1 - 1   7 - スイタ/ボヤロ 1458T   1   1 - 1 - 1   7      | B1511001  |   |                             |  | 1                              | カセツトガイド   |
| 15.5 A   | # 1 CASSETTE SPRING PLATE   DIS   1 カセツオシバネ   カビッカ・フィースタッパネ   カボースタッパネ   カボースタッパ   カボースタッパ   カボースタッパネ   カボースタッパ   カボースタッペ   カボースタッパ   カボースタッペ   カボースタッパ   カボースタッペ   カボースタッパ   カボースタッペ   カボースタッパ   カボースタッパ   カボースタッパ   カボースタッパ   カボースタッパ   カボースタッ   | _B1512001<br>_B4877001  |   | +                           |  | +                              |   |
| 14878001   10PEN SPRING TORSION 145BT   06   1 カイペイネジリバ  | 1   10PEN SPRING TORSION 1456T   10   1  | B1514001  | 1 CASSETTE SPRING PLATE   |                             |  | 1                              | カセツトオシバネ  |
| A4880001   CASSETTE COVER ASSY 145BT   98   1 カセットがくうだ   75   75   75   75   75   75   75   7  | 1  | B4878001  | 1 OPEN SPRING TORSION 145BT   |                             |  | 1                              |   |
| SABSTOID   SCASSETTE COVER LOPPER 148BT   98.01   9  | # 1 CASSETTE COVER UPPER 1458T # 1   | _B4879001<br>_B4880001  |   | 1                           |  | 1                              |   |
| SABASSOUT    SCASSETTE COVER LOWER ASSY BT   18.03   9   | # 1 CASSETTE COVER LOWER ASSY BT   | B4881001  | 1 CASSETTE COVER UPPER 145BT  |                             | 08.01                                  | 9                              | カセットカバ-ウエ145B7  |
| 34883001   | 1  | B1523001  |   |                             |  | 9                              |   |
| 31525001 2 CASSETTE SPRING SPIPAL 98.04 9 カセットエンスイ) 3484001 1 PRESSURE PLATE 145BT 38.05 9 オウアッイタ145B 3484001 1 PRESSURE PLATE 145BT 38.05 9 オウアッイタ145B 34895001 1 LILGHT PROTECT FILM 38.06 9 メイフがウンシ 34885002 1 RATING LABEL MW145BT 39 9 メイバン MW145B 34885001 1 CRO DEPRING PLATE K2 145BT 10 1 1 ア・スネタ/ド本型 34885001 1 (SND SPRING PLATE K2 145BT 11 1 1 ア・スネタ/ド本型 34885001 1 (SND SPRING PLATE K2 145BT 11 1 1 ア・スネタ/ド本型 34885001 1 (SND SPRING PLATE K2 145BT 11 1 1 ア・スネタ/ド本型 34885001 1 (SND COVER 145BT 1 1 1 1 ア・スネタ/ド本型 34885001 1 (SND COVER 145BT 1 1 1 1 1 ア・スネタ/ド本型 34885001 1 (SND COVER 145BT 1 1 1 1 1 ア・スネタ/ド本型 34885001 1 (SND COVER 145BT 1 1 1 1 1 ア・スネタ/ドネBT 1 1 1 1 1 ア・スネタ/ドネBT 1 1 1 1 1 ア・スネタ/ドネBT 1 1 1 1 1 ア・スネタ/ドネBT 1 1 1 ア・スネタ/ドネBT 1 1 1 1 ア・スネタ/ドネBT 1 1 1 ア・スネタ/ドネBT 1 1 1 1 ア・スネタ/ドネBT 1 1 ア・スネタ/ドネBT 1 1 1 ア・スネタ/ドネBT 1 1 ア・スネタ/ドネBT 1 1 1 ア・スネタ/ドネBT 1 1 ア・スネタ/ドネBT 1 1 ア・スネタ/ドネBT 1 1 ア・スネターストスタースタースタースタースタースタースタースタースタースタースタースタースタース  | ### 2 CASSETTE SPRING SPIRAL   90.04 9 カセットエンスイパネ   1 PRESSURE PLATE 1458T   90.05 9 オファック PLATE 1   | _B4882001<br>_B4883001  |   |                             |  | 9                              |   |
| 34919001   ILIGHT PROTECT FILM   08.06   9 メイコのボウシシ A4985002   RATING LABEL MV145BT   99   9   9   メイルス M4855002   RATING LABEL MV145BT   10   1   ア・スイタバネタ A4885001   Z6ND SPRING PLATE IZ 145BT   10   1   ア・スイタバネタ A4885001   ISMD SPRING PLATE IZ 145BT   11   1   1   ア・スイタバネタ A4885001   ISMD SPRING PLATE IZ 145BT   12   1   セイミツBタイトM A4885001   ISMD COVER 145BT   12   1   セイミツBタイトM A4885001   ISMD COVER 145BT   14   1   SWカバ・145BT   14   1   SWカバ・145BT   14   1   SWカバ・145BT   15   1   F7.24 PLATE A4885001   ISM COVER 145BT   15   1   F7.24 PLATE A4885001   ISMD COVER 145BT   16   FCC5 ペル145BT   16   FCC5 ペル145BT   17   F7.27 PLATE A4885001   ISMD COVER 145BT   18   I   F7.27 PLATE A4885001   ISMD COVER 145BT   ISMD COVER 145BT | 1   LIGHT PROTECT FILM   | B1525001  | 2 CASSETTE SPRING SPIRAL  |                             | 08.04                                  | 9                              | カセツトエンスイパネ  |
| 34885002 1 RATING LABEL MW145BT 99 8 メイバン MW145B 34885001 2 GND SPRING PLATE K2 145BT 10 1 1 アース47 パネル 34887001 1 GND SPRING PLATE K2 145BT 11 1 アース47 パネル 34887001 1 GND SPRING PLATE K2 145BT 11 1 アース47 パネル 34887001 1 GND SPRING PLATE K2 145BT 11 1 アース47 パネル 34887001 1 GND SPRING PLATE K2 145BT 12 1 世 名字 W8 パネル 34888001 1 GND COVER 145BT 13 1 アース47 パネル 34888001 1 GND COVER 145BT 14 1 SW カババー45BT 15 1 1  | RATING LABEL MW145BT   193   9   34/バン MW145BT   1   2 MN SPRING PLATE K2 145BT   10   1   7-ス49/74×2 145BT   10   1   7-ス49/74×2 145BT   11   1   7-ス49/74×2 145BT   11   1   7-ス49/74×2 145BT   12   1   1   7-ス49/74×2 145BT   13   1   7-ス49/74×2 145BT   14   1   7-ス49/74×2 145BT   15   1   1   1   7-ス49/74×2 145BT   13   1   7-349/74×2 145BT   13   1   7-349/74×2 145BT   13   1   7-349/74×2 145BT   14   1   SWD/1-145BT   14   1   SWD/1-145BT   15   1   1   1   1   1   1   1   1   | _B4884001<br>_B4919001  |   | <del> </del>                |  | 9                              | オウアツイタ145BT   |
| 34886001   ZGND SPRING PLATE IZ 145BT   10   1   ア-スイタバネ区 34887001   15   ND SPRING PLATE IZ 145BT   11   1   1   ア-スイタバネ区 34887001   15   ND SPRING PLATE IZ 145BT   11   1   1   ア-スイタバネ区 34887001   15   ND SPRING PLATE IZ 145BT   12   1   セイミツBタイトM 14383001   15   ND COVER 145BT   13   1   ア-スイタバネ 34888001   15   ND COVER 145BT   14   1   SWカバ・145BT 34888001   15   ND COVER 145BT   15   1   1   1   1   1   1   1   1   | 1  | B4919001<br>B4885002  | 1 RATING LABEL MW145BT  | <u> </u>                    |  | 9                              | メイパン MW145BT  |
| 31479001   9 TAPTITE PRECISE B M2X45   12   1   セ(ミツB9 f-f-MM  | # 9 TAPTITE PRECISE B M2X4.5   12   1  | B4886001  | 2 GND SPRING PLATE K2 145BT   |                             |  | 1                              | ア-スイタパネK2 145BT   |
| 168GOLIND SPRING PLATE F   13  | 1   SROLIND SPRING PLATE F   13   1   ア-スイタバネド   14   1   SWD/K-148BT   14   1   SWD/K-148BT   14   1   SWD/K-148BT   15   1   1   1   1   1   1   1   1   |   |   |                             |  | 1                              |   |
| 19CB PROTECT SHEET 145BT   15  | ## 1 POB PROTECT SHEET 145BT   15   1  | B1633001  | 1 GROUND SPRING PLATE F   |                             | 13                                     | 1                              | ア-スイタパネF  |
| 34890001   FIFCG LABEL 145BT   16   I   FCCラベル145BT   17   I   FCCラベル145BT   17   I   FCCラベル145BT   18   I   FCプェアク145BT   18   I   FCZ・アク145BT   18   I   FCZ・アク145BT   19   I   FCZ・FC   FCC      | # 1 FCC LABEL 145BT   16   1   CCGラベル145BT   17   1   デンチフラ43BT   1   1   TETERY LID 145BT   17   1   デンチフラ43BT   17   1   デンチフラ43BT   17   1   デンチフラ43BT   17   1   デンチフラ43BT   18   1   クッション145BT   18   1   クッション145BT   19   1   サンプルチュク1ラベル   1   USB STICKER   19   1   サンプルチュク1ラベル   1   USB STICKER   20   1   USBステッカ・ ATTERY)5V6103-09002-121   横造   横造   横造サン   和品名   1   1   L-ION BATTERY 780MAH 145BT   10   1   P   L-IONデンチ780 145   11   L-ION BATTERY 780MAH 145BT   10   P   L-IONデンチ780 145   11   L-ION BATTERY 780MAH 145BT   10   P   L-IONデンチ780 145   11   L-ION BATTERY 780MAH 145BT   10   P   L-IONデンチ780 145   11   L-ION BATTERY 780MAH 145BT   10   P   L-ION Fンチ780 145   11   L-ION BATTERY 780MAH 145BT   10   L-ION Fンチ780 145   11   L-ION BATTERY 780MAH 145BT   10   L-ION Fンチ780 145   11   L-ION BATTERY 780MAH 145BT   10   L-ION FンF780 145   11   L-ION BATTERY 780MAH 145BT   10   L-ION FOR  | B4888001  |   |                             |  | 1                              |   |
| 18ATTERY UD 1458T   17   | # 1 BATTERY LID 1458T  | _B4889001<br>_B4890001  |   | -                           |  | 1                              |   |
| 18   | 1   CUSHION 145BT   18   1   クッション145BT   18   1   クッション145BT   19   1   サンプルチョクラベル   19   1   10   10   10   10   10   10   | B4892001  | 1 BATTERY LID 145BT   |                             | 17                                     | 1                              | デンチフタ145BT  |
| MOZARON   NUSB STICKER   20   1  | 1  |   |   |                             |  | 1                              | クッション145BT  |
| 区分: (BATTERY)SV6103-09002-121    日コード T 画数   居名   記事   構造   補給サイン   和品名     日本   | ATTERY)S/6103-09002-121  「日朝政 国名 「記事」 博造 「福祉サイン 和品名] 「1ION BATTERY 780MAH 145BT  |   |   |                             |  | 1                              |   |
| 扫 ー F 「極数  | * 「日殿女   一日   一日   一日   一日   一日   一日   一日   一  | _B4893001<br>_W0635001<br>_B4024001   | L == =  | •                           | 1-                                     |                                |   |
| Ma95001  1   L-ION BATTERY 780MAH 145BT  | 1  | _W0635001<br>_B4024001  |   |                             | ##:生                                   | 2#40-11-70-                    | rinロタ <sup>1</sup>  |
| 区分: (ACCESSORY)5V6103-09014-910<br>  日コード T個数   屈名   記事   構造   補給サイン   和品名  <br>33382001   1ADAPTER AD-210 UK   31 9 アダプタAD-210U<br>232676001   1 USB CABLE LF   02 1 1 USB C-71JLF  <br>34928001   1 C-11 CASSETTE ASSY WLD コウセイズLB4921   33 9 C-11カセットクミツ  <br>54927001   1 C-11 PAPER CASSETTE WLD   03.01 9 C-11カミットクミツ  <br>523792001   050-11L PAPER   03.02 9 C-11L 30  <br>500-11L PAPER   03.02 9 C-11L 30  <br>500-11L 30   30   30   30  <br>500-11L 30   30   30   30   30   30   30   30  | CCESSORY)5V6103-09014-910  「 「健康 国名  | LW0635001<br>LB4024001<br>購区分:(BATTER)  |   | (台書)                        | 博道                                     |                                | [和品名]<br>  -IONデンチ780 14F   |
| 語三十 「個数   屈名   記事   構造   挿絵サイン [和品名]   33382001   1 ADAPTER AD-210 UK   9 アダプタAD-210U   1 USB CABLE LF   02 1 USB C-7JILF   34928001   1 C-11 CASSETTE ASSY WLD コウセズ [B4921 33 9 C-113元をナラジ 34927001   1 C-11 PAPER CASSETTE WLD 33.01 9 C-113元をナラジ 3292001   50C-11L PAPER   33.01 9 C-113元をナラジ 3292001   50C-11L PAPER   33.02 9 C-11L ヨウシ   | * 「国教 品名   記事   構造   構造   横立   和品名   | LW0635001<br>LB4024001<br>場区分:(BATTER)<br>品目コード T個数   | 数 品名  | [記事]                        |  | P                              | p= 1011 / / / / 140   |
| 3382001 1 ADAPTER AD-210 UK 91 9 アダプタAD-210.<br>32878001 1 USB CABLE LF 92 1 USB ケプル上<br>54828001 1C-11 CASSETTE ASSY WLD コウセイズLB4921 33 9 C-11カミカセッド<br>54827001 1C-11 PAPER CASSETTE WLD 93.02 9 C-11カミカセッド<br>32792001 50-11L PAPER 93.02 9 C-11Lラカセッド  | 1   1ADAPTER AD-210 UK   | W0635001<br>LB4024001<br>場区分:(BATTER)<br>品目コード T個数  | 数 品名  | [記事]                        |  | Р                              |   |
| 32876001 1 JUSB CABLE LF 02 1 USBケーブルF<br>43826001 1C-11 CASSETTE ASSY WLD コウセイズLB4921 03 9 C-11カセットラジ<br>43827001 1C-11 PAPER CASSETTE WLD 33.01 9 C-11カミカセッド<br>32192001 50C-11L PAPER 03.02 9 C-11L ヨウシ   | 1   1USB CABLE IF  | W0635001<br>B4024001<br>場区分:(BATTER<br>品目コード T個数<br>B4895001  | 数 品名<br>1L-ION BATTERY 780MAH 145BT<br>ORY)5V6103-09014-910   |                             | 01                                     | ·                              |   |
| 34922001 1C-11 CASSETTE ASSY WLD コウセイズLB4921 33 9 C-11九をサア3V<br>34927001 1C-11 PAPER CASSETTE WLD コウセイズLB4921 33.01 9 C-11九をカセット3<br>32192001 50C-11L PAPER (33.02 9 C-11L ヨウシ   | 1  | W0635001<br>B4024001<br>場区分:(BATTER<br>品目コード T個野<br>B4895001<br>場区分:(ACCESS<br>品目コード T個野                                      | 数   |                             | 01                                     | ·                              |   |
| 32192001 50 C-11L PAPER 03.02 9 C-11L ヨウシ  | 1  | W0635001<br>B4024001<br>場区分:(BATTER<br>品目コード T個製<br>B4895001<br>場区分:(ACCESS<br>品目コード T個製<br>B3382001                          | 改   |                             | 01<br>構造<br>01                         | ·                              | アダプタAD-210UK  |
|  | 1   1   1   1   1   1   1   1   1   1  | 上W0635001<br>B4024001<br>構区分:(BATTER<br>品目コード T個数<br>B4895001<br>構区分:(ACCESS<br>品目コード T個数<br>B3382001<br>B2876001<br>B4926001 | 校 風名 1L-ION BATTERY 780MAH 145BT  ORVISOR103-09014-910  校 風名 1ADAPTER AD-210 UK 1USB CABLE LF 1C-11 CASSETITE ASSY WLD  | [記事]                        | 間<br>構造<br>01<br>02<br>03              | ·                              | アダプタAD-210UK<br>USBケ-ブルLF<br>C-11カセットクミWLD  |
| 3A027001 1CD-ROM MW-145BT 04 1 CD-ROM MW-14  | RINTED MATTER)5V6103-09014-920   | W0635001  | 版 議名 1iON BATTERY 789MAH 145BT  ORYISV6103-09014-910  | [記事]                        | M 造<br>01<br>01<br>02<br>03<br>03.01   | ·                              | アダプタAD-210UK<br>USBケ-ブルLF<br>C-11カセットクミWLD<br>C-11カミカセットWLD                                 |
|  | 「個数         届名         (記事)         構造         補給サイン         (和品名)           11         1 MARRANTY CARD EURO CH         01         1         ホショウショEURO CH   | 上W0635001<br>B4024001<br>構区分:(BATTER<br>品目コード T個数<br>B4895001<br>構区分:(ACCESS<br>品目コード T個数<br>B3382001<br>B2876001<br>B4926001 | 版 最名  1-iON BATTERY 780MAH 145BT  ORYJSV6103-09014-910  版 最名  1ADAPTER AD-210 UK 1USB CABLE LF 1C-11 CASSETTE ASSY WLD 1C-11 PAPER CASSETTE WLD 50C-11L PAPER   | [記事]                        | 構造<br>01<br>02<br>03<br>03.01<br>03.02 | ·                              | アダプタAD-210UK<br>USBケ-ブルLF<br>C-11カセットクミWLD<br>C-11カミカセットWLD<br>C-11L ヨウシ                    |
| 区分: (PRINTED MATTER)5V6103-09014-920   | 11 1WARRANTY CARD EURO CH 01 1 ホショウショEURO CH   | W0635001     B4024001     B4024001     B4024001   | 数 最名 1 L-10N BATTERY 780MAH 145BT  ORY)5V6103-09014-910  数 最名 1 MADAPTER AD-210 UK 1 MADAPTER AD-210 UK 1 USB CABLE LF 1 C-11 CASSETTE ASSY WLD 1 C-11 PAPER CASSETTE WLD 50C-11L PAPER 1 CD-ROM MW-145BT     | [記事]                        | 構造<br>01<br>02<br>03<br>03.01<br>03.02 | ·                              | アダプタAD-210UK<br>USBケ-ブルLF<br>C-11カセットクミWLD<br>C-11カミカセットWLD<br>C-11L ヨウシ                    |
|  | PI II INVESTIGATION IN THE PROPERTY OF THE PRO | W0635001<br>  B4024001<br>  場合の   | 数 議名 1iON BATTERY 780MAH 145BT  ORYISV6103-09014-910  数 最名   ADAPTER AD-210 UK   USB CABLE LF   C-11 CASSETTE ASSY WLD   C-11 PAPER CASSETTE WLD   50C-11L PAPER   ICD-ROM WH/45BT   MATTER SV6/103-09014-920 | [記事]<br>コウセイズLB4921         | 構造<br>01<br>02<br>03<br>03.01<br>03.02 | 補給サイン<br>9<br>1<br>9<br>9<br>9 | アダプタAD-210UK<br>USBケ-ブルLF<br>C-11カセットクミWLD<br>C-11カミカセットWLD<br>C-11L ヨウシ<br>CD-ROM MW-145BT |