
SPECIFICATION
SILVER OXIDE BATTERY
SR936SW

MATSUSHITA BATTERY INDUSTRIAL CO., LTD.
LITHIUM AND MICRO BATTERY BUSINESS UNIT



SPECIFICATION

Silver Oxide Battery SR936SW

- 1. Model No. : SR936SW
- 2. Nominal Voltage : 1.55 V
- 3. Nominal Capacity : 70.0 mAh
- 4. Weight : 1.07g
- 5. Dimension : Shown in Figure
- 6. Terminals : Shown in Figure
- 7. Characteristics

- 7.1 Off-Load Voltage : Shown in Table
- 7.2 On-Load Voltage : Shown in Table
- 7.3 Hours of Service : Shown in Table
- 7.4 Leakage :

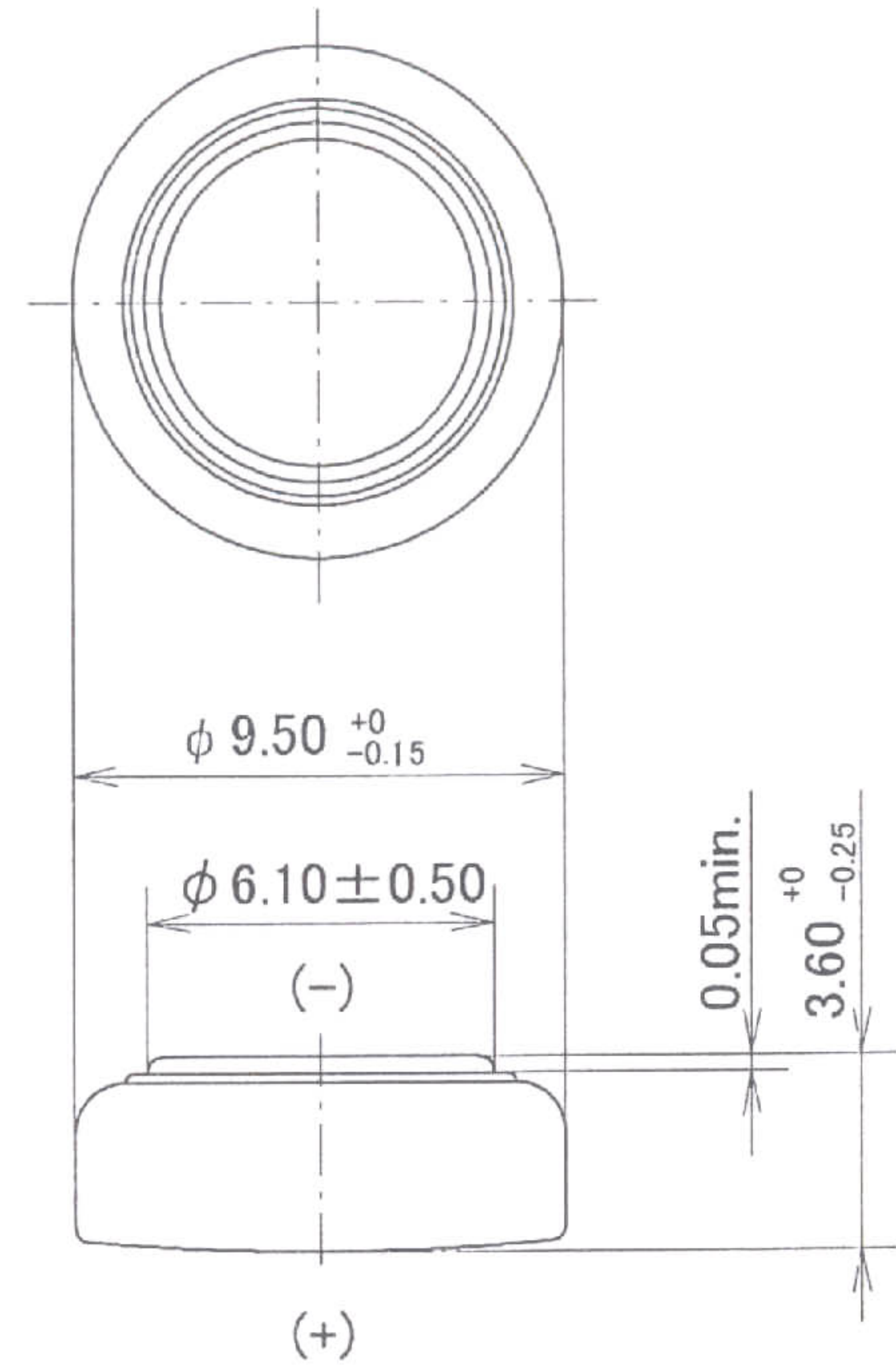
Battery does not show leakage or salting which harms performance after 30 days storage at $45 \pm 2^\circ\text{C}$ 70%R.H..
This is checked with the naked eyes.

8. Appearance :

Any dirt, scratch or deformation which cause any trouble at usage, does not show on the battery


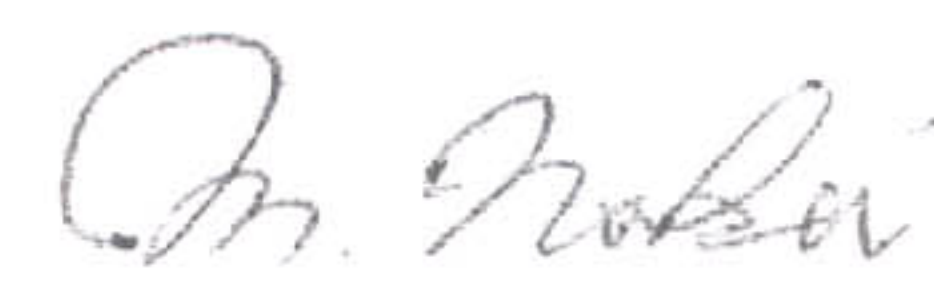
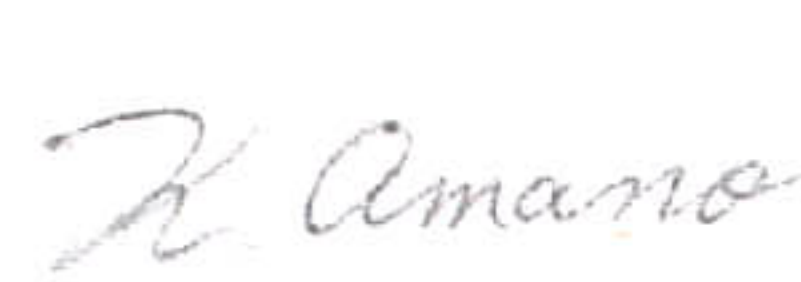
9. Note :

Handling care is specified in IEC. Pub. 60086-1-9.



unit : mm

	ITEM	Initial	After 60°C 20days	After 60°C 40days
1	Off-Load Voltage at 23°C (Min. V)	1.55V	-	-
2	On-Load Voltage at -10°C (Min. V) Load : 2kΩ (After 7.8ms)	1.20V	-	-
3	Average Hours of Service at 23°C Load : 15kΩ (Cut Voltage : 1.2V)	690h	680h	670h

2			
1			
Sym.	Date of Revision	Remarks	
Date of Approval Dec. 19. 2002	Approved 	Checked 	Described 

S P E C I F I C A T I O N

Precautions for Use

Please pay attention to the following points in order to maintain satisfactory operating conditions.

- * Use nickel plated(steel or stainless steel) for power terminal contacts.
- * To ensure stable contact, the contact pressure for power terminals must be at least 50 grams.
- * When measuring battery voltage, use a meter with an internal resistance of 1 MΩ or greater. Correct voltage measurements cannot be obtained otherwise.
- * Batteries are extremely sensitive to the adverse effects of humidity. Be sure to store them in a place which is dry and subject to little temperature change.
- * Do not place near the boiler or radiator, nor expose to the direct sunlight.
- * If button-type batteries are kept in contact with each other, the (+) and (-) terminals may short-circuit, greatly shortening their serviceable life.
- * Button-type batteries may expand slightly during use. Therefore, sufficient space must be provided for this expansion when designing equipment.
- * Before inserting batteries, check to confirm that the terminal contact surfaces on both the equipment and the batteries are clean and that they are not deformed. If the contact surfaces are dirty, clean and dry them thoroughly before inserting batteries.
- * Batteries of the same size and shape may differ in type and grade. When exchanging batteries, confirm that they are the correct type by checking the identification symbol (designated by I.E.C. standards) provided on the battery.
- * Alkaline primary batteries continue to register high voltage even toward the end of their serviceable life. As such, they may be mistakenly judged as yet being strong. If one of several batteries being used in a set is found to be exhausted, it can be assumed that there is very little life remaining in the others even though they may continue to register high voltage.
It is therefore advisable to exchange all of the batteries at the same time.
- * The direction of polarity in a battery may reverse as it nears the end of its serviceable life. This occurs when it is the first among several batteries being used in a set to be exhausted. It is not due to an abnormality in the battery itself.
- * When a lithium battery is short-circuited, even slightly, a certain amount of time is required for its voltage output to recover completely. If the electrical characteristics of the battery are measured before a sufficient amount of time has passed, the battery may appear to be malfunctioning when actually it is merely in a state of recovery.

The batteries should be used correctly, otherwise the set may be damaged due to leakage trouble. Therefore, keep the following precautions in mind.

- * Do not charge, short-circuit, disassemble, heat or dispose the batteries in fire.
- * Insert the batteries in correct polarity position.
- * Do not directly solder to batteries.
- * Do not use spent batteries with new ones.

Small-sized batteries can easily be swallowed.
They must be kept out of the reach of small children.
Also, in the design of battery powered equipment, care should be taken to ensure that batteries cannot be easily removed by children.

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Sym.	Date of Revision	Remarks
Date of stipulation	Stipulated	Described
May . 4. 1984		<i>H. Hattori</i>

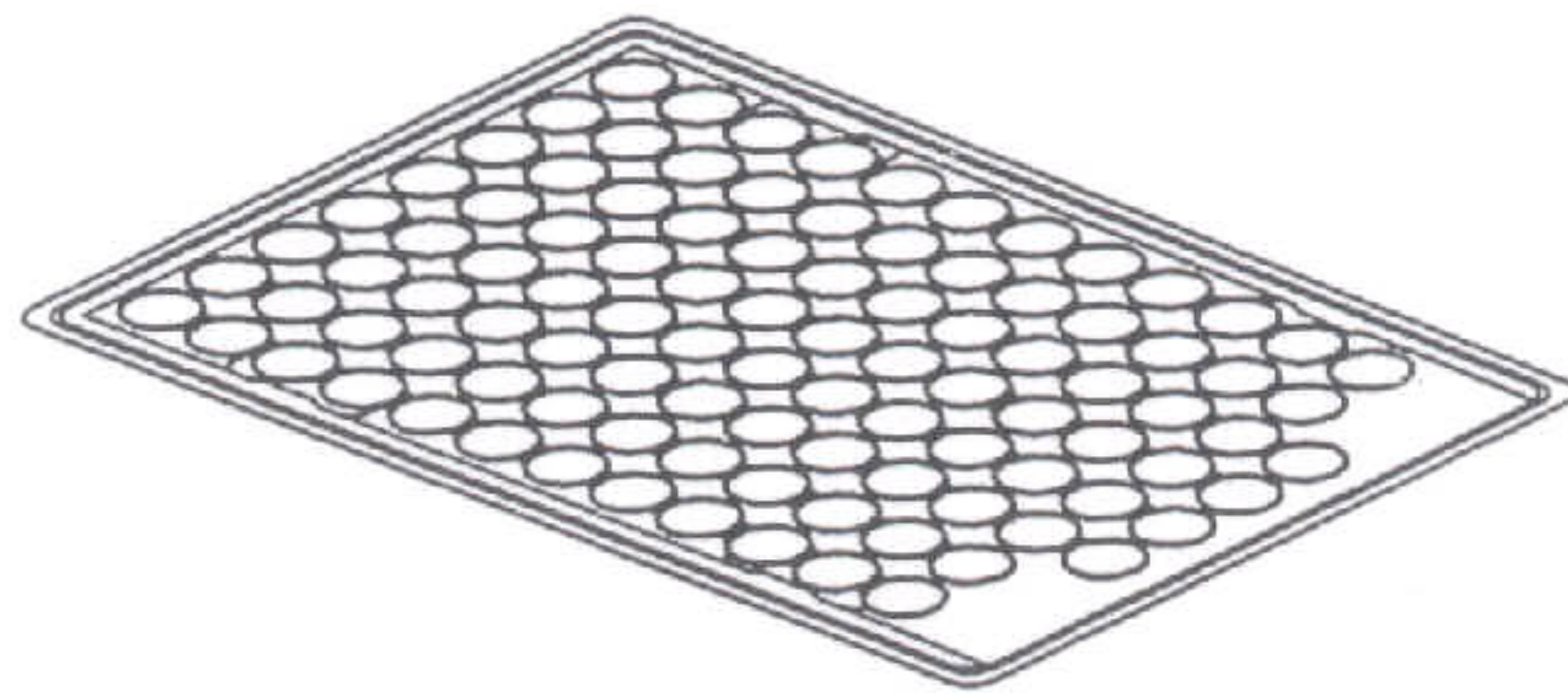
MATSUSHITA BATTERY INDUSTRIAL CO., LTD.

1 MATSUSHITA-CHO. MORIGUCHI-SHI, OSAKA. JAPAN

1-Product. (Silver Dioxide Battery.)

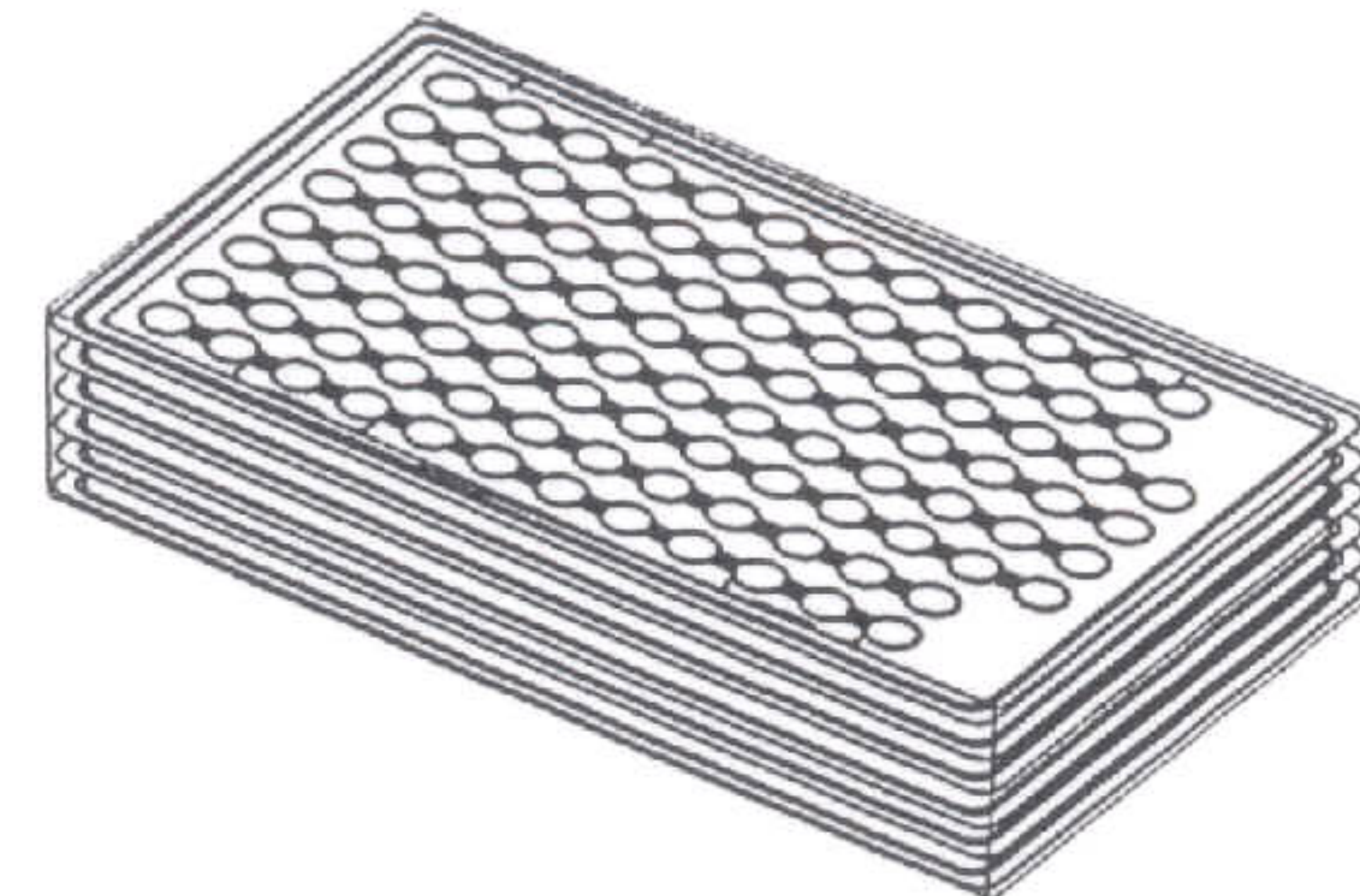
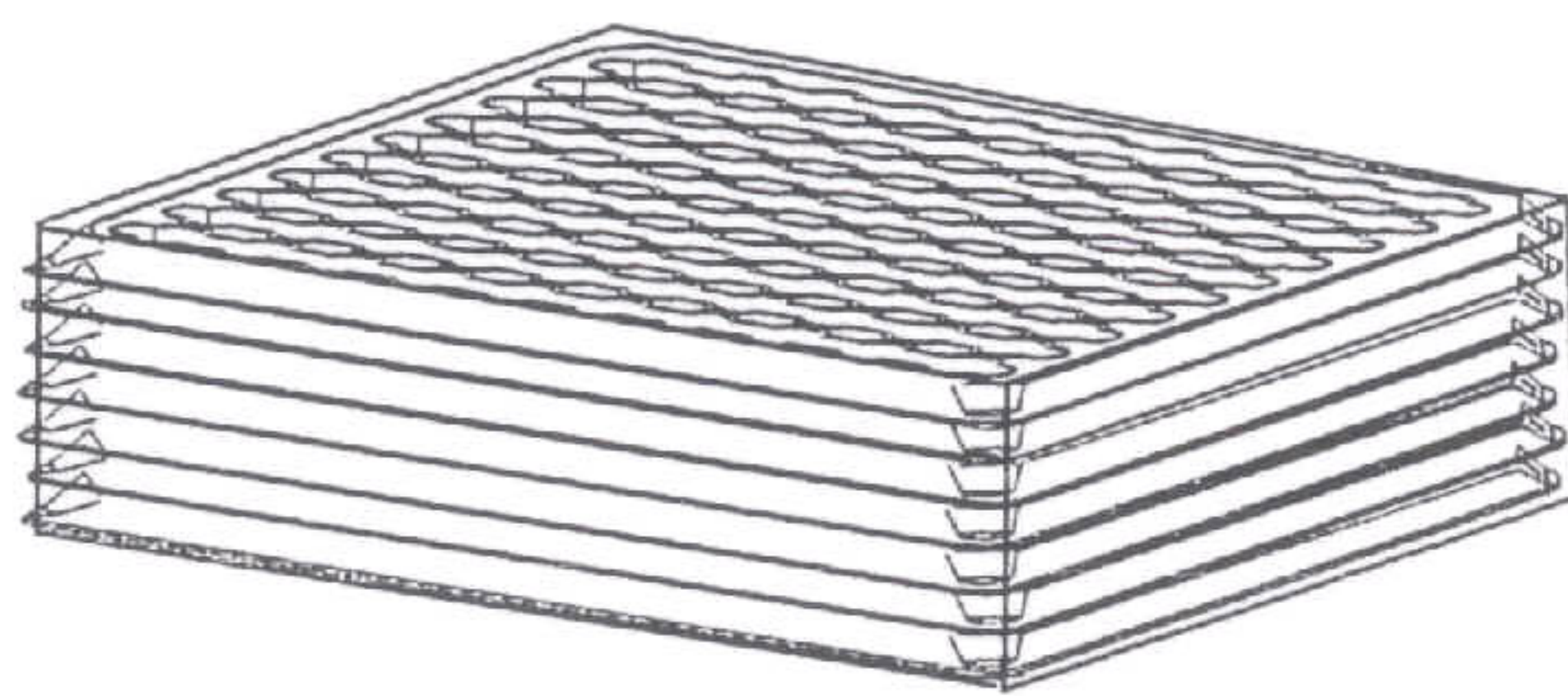
- 1.SR936SW (Order No:SR-936SW/BTE)
- 2.SR927W (Ouder No:SR-927WPA/T)
- 3.SR927SW (Ouder No:SR-927SWPA/T)
- 4.SR916W (Ouder No:SR-916WPA/T)

2-100pcs-tray (φ9-Type)

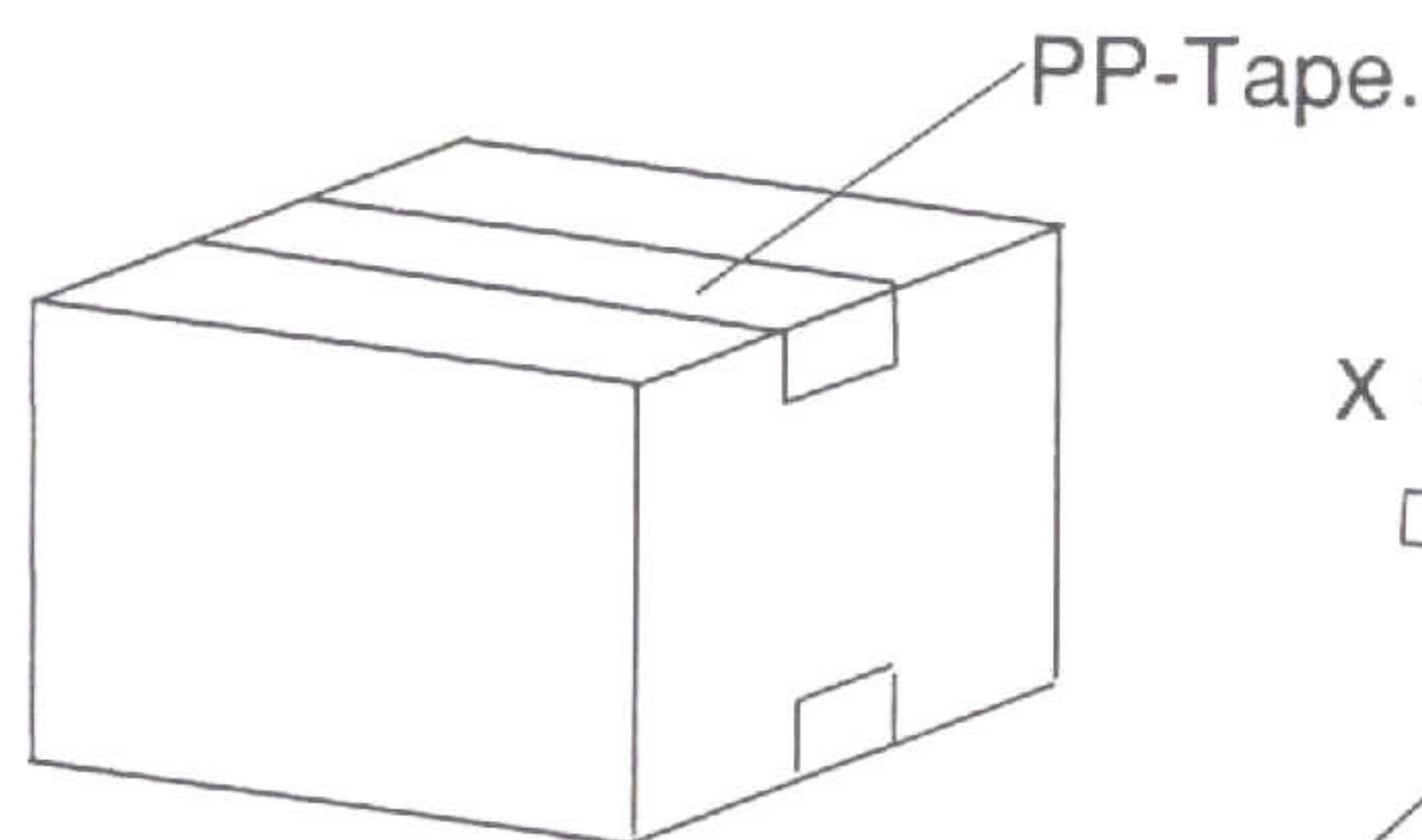


x 5+1 (empty tray as lid)

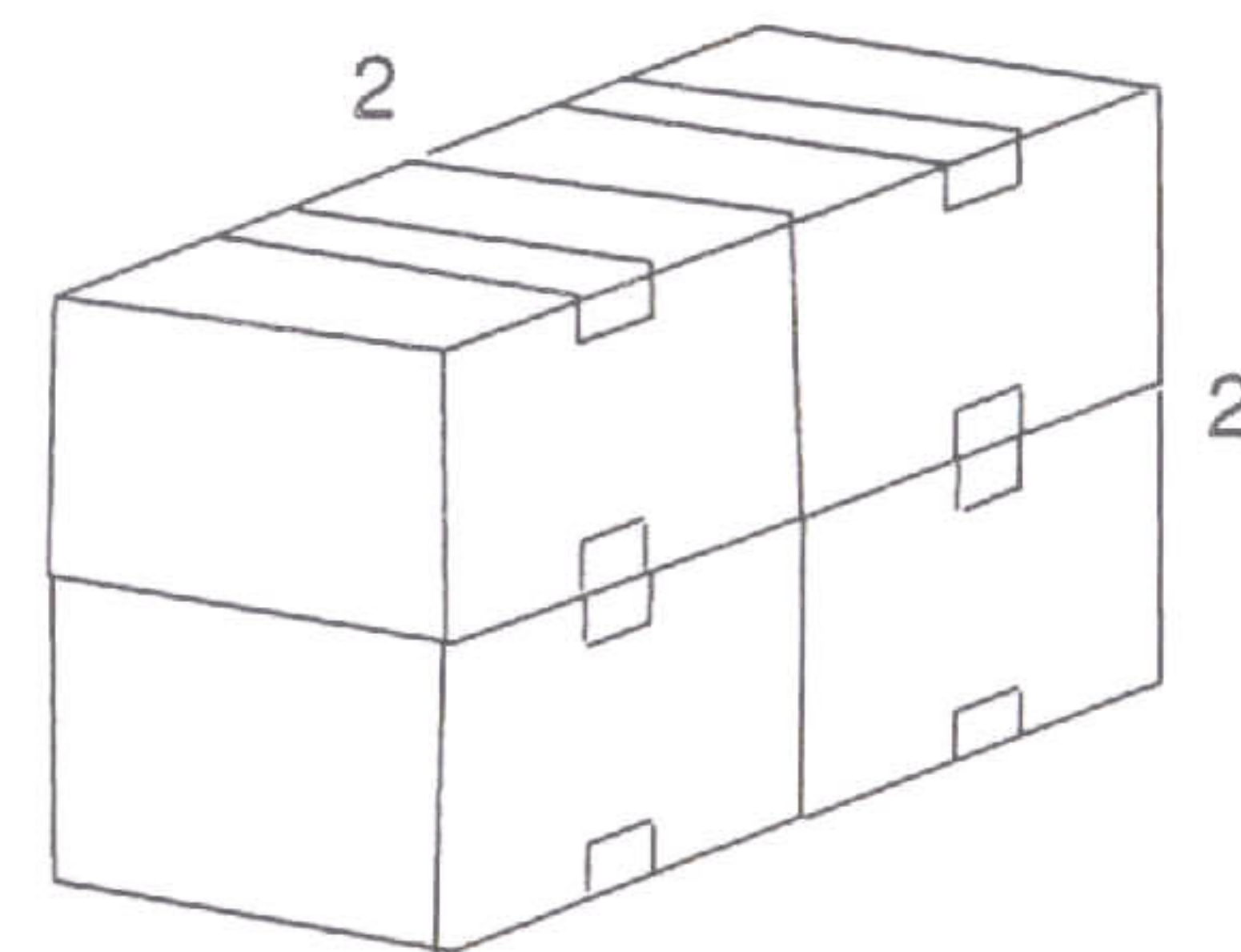
3-500pcs-middle (Shrink Pack)



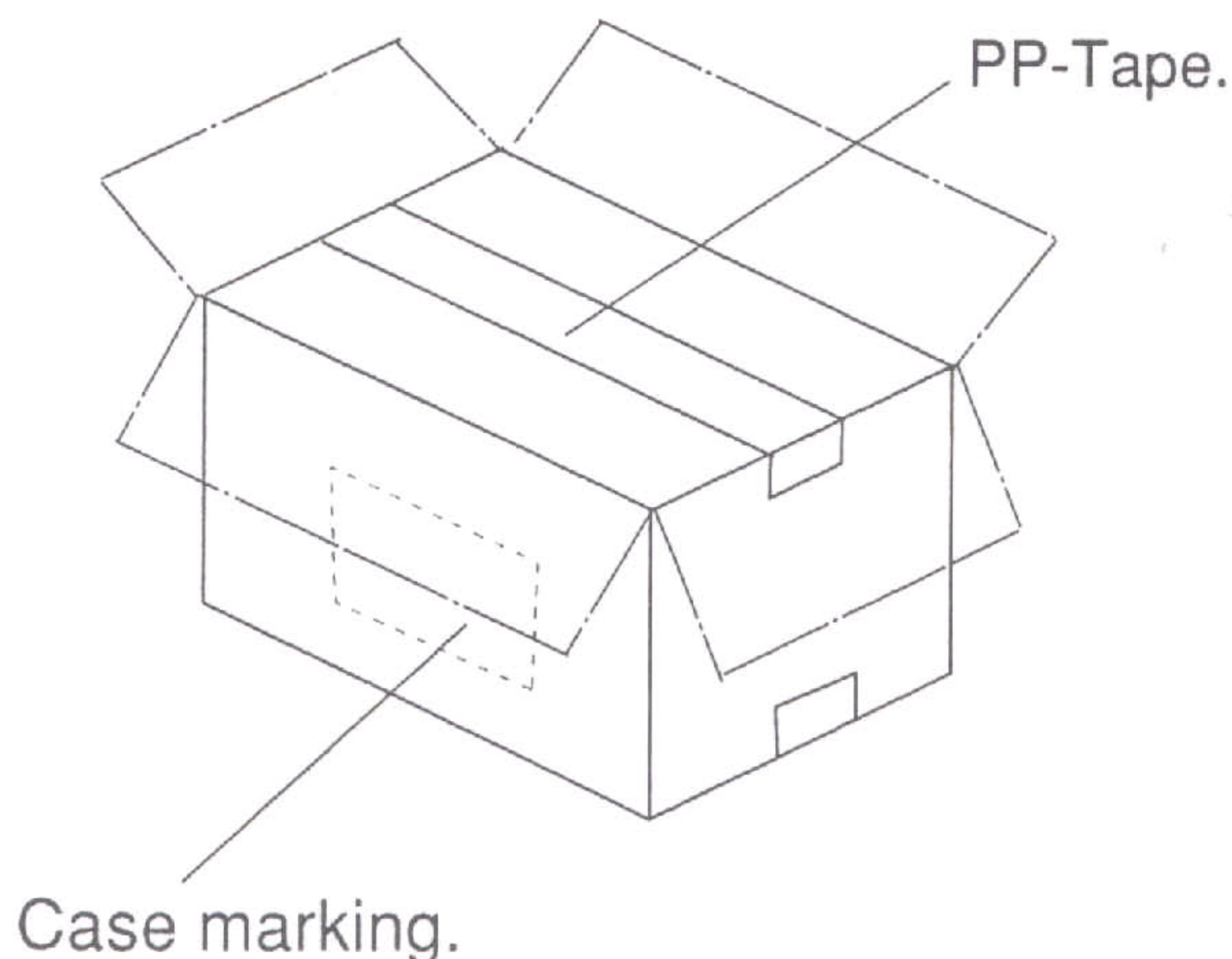
4-2,000pcs-Inner Carton .



x 4 case.



5-8,000pcs-Outer Packaging Carton.



Packing List

Outer Size:320x230x320mm
(0.0023552m³)

< SR936SW >	Net : 8.6kg (1.07g/□) Gross: 11.1kg
< SR927W >	Net : 11.7kg (1.46g/□) Gross: 14.2kg
< SR927SW >	Net : 13.4kg (1.68g/□) Gross: 15.9kg
< SR916W >	Net : 8.8kg (1.1g/□) Gross: 11.3kg