Listing Constructional Data Report (CDR)

1.0 Reference and Address			
Report Number	240809139GZU-001	Original Issued: 17-Mar-2026	Revised: None
Standard(s)	Personal Hygiene and Health Care Appliances [UL 1431:2011 Ed.3+R:13Mar2025] Electrical Plumbing Accessories [UL 1951:2025 Ed.3] Heating Appliances (Household and Commercial) [CSA C22.2#64:2025 Ed.9] Motor-Operated Appliances (Household and Commercial) [CSA C22.2#68:2018 Ed.8+U1;U2]		

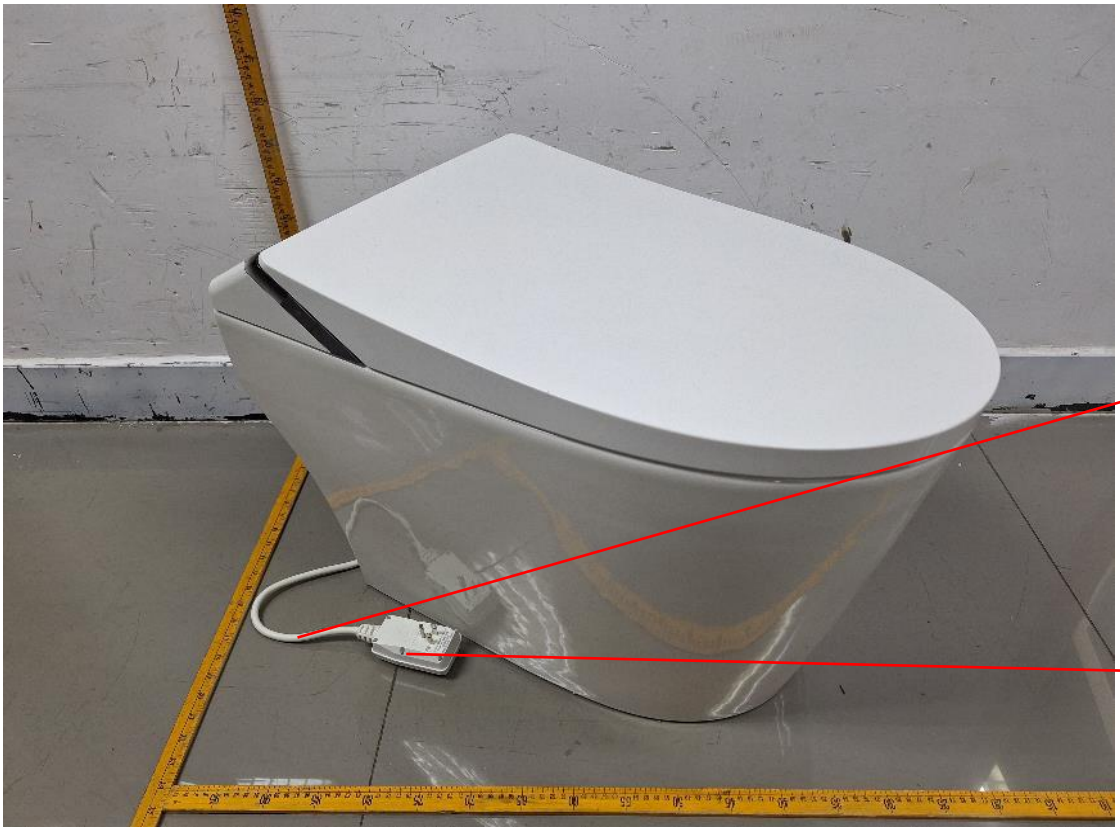
Applicant	Hoti (Xiamen) Tech Home Inc	Manufacturer	**Hoti (Xiamen) Tech Home Inc**
Address	No.6 Guoyuan Road, Tongxiang High-tech Park, Hongtang Town, Tongan' District, Xiamen 361100	Address	No.6 Guoyuan Road, Tongxiang High-tech Park, Hongtang Town, Tongan' District, Xiamen 361100
Country	China	Country	China
Contact	Qingyue.Zhang	Contact	Qingyue.Zhang
Phone	+86 15959228119	Phone	+86 15959228119
FAX	NA	FAX	NA
Email	rd-28@hotiplumbing.com	Email	rd-28@hotiplumbing.com

2.0 Product Description	
Product	Smart Toilet
Brand name	Hoti
Description	The product covered by this report is a Smart Toilet, for household and indoor use only, provided with a non-detachable flexible power supply cord terminated in a GFCI device.
Models	9ME4653Q, 9ME4657Q, 9ME46524 or 9ME46564; may be followed by -; followed by up to eight characters.
Model Similarity	Characters representing different Drain Hole Distance, color of display, color of Ambient light, color of decoration panel and buttons. Refer to illustration 5 for detail.
Ratings	120V, 60Hz, 1050W.
Other Ratings	NA

3.0 Product Photographs

Photo 1 - View of model 9ME4653Q series

Photo 2 - View of model 9ME4653Q series



3.0 Product Photographs

Photo 3 - View of model 9ME4653Q series

Photo 4 - View of model 9ME4653Q series

3.0 Product Photographs

Photo 5 - View of model 9ME4653Q series

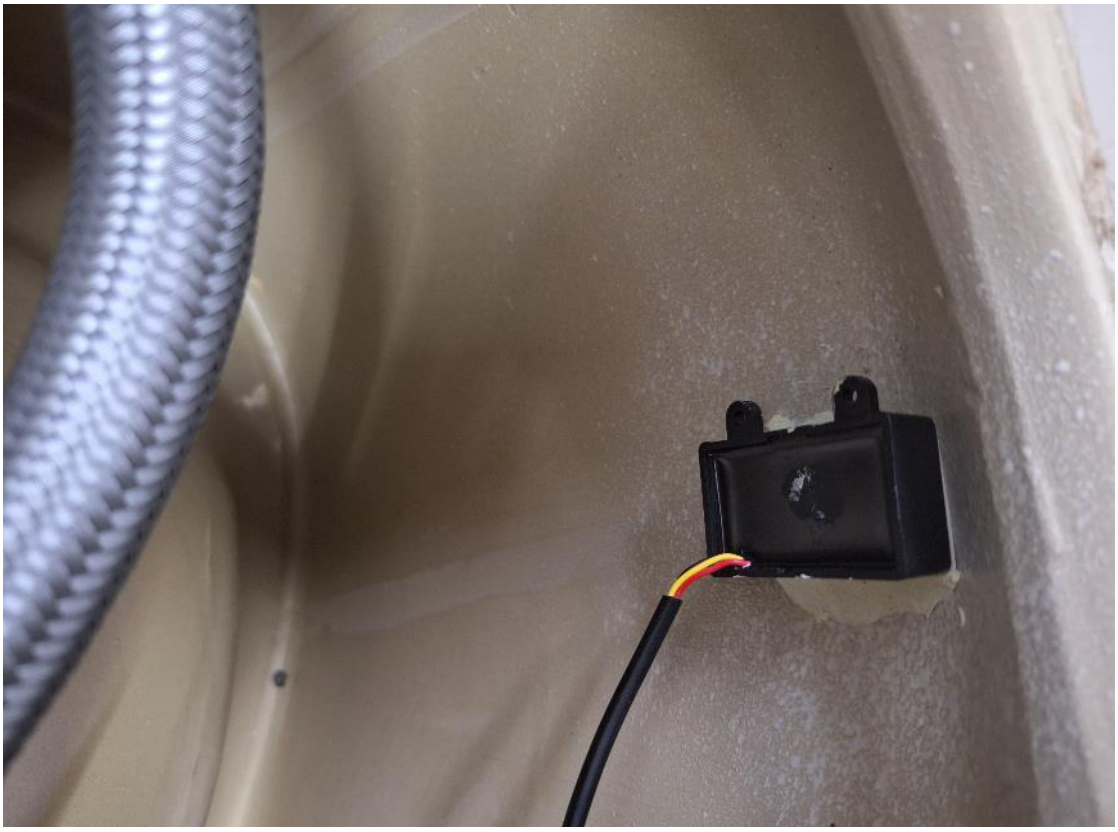
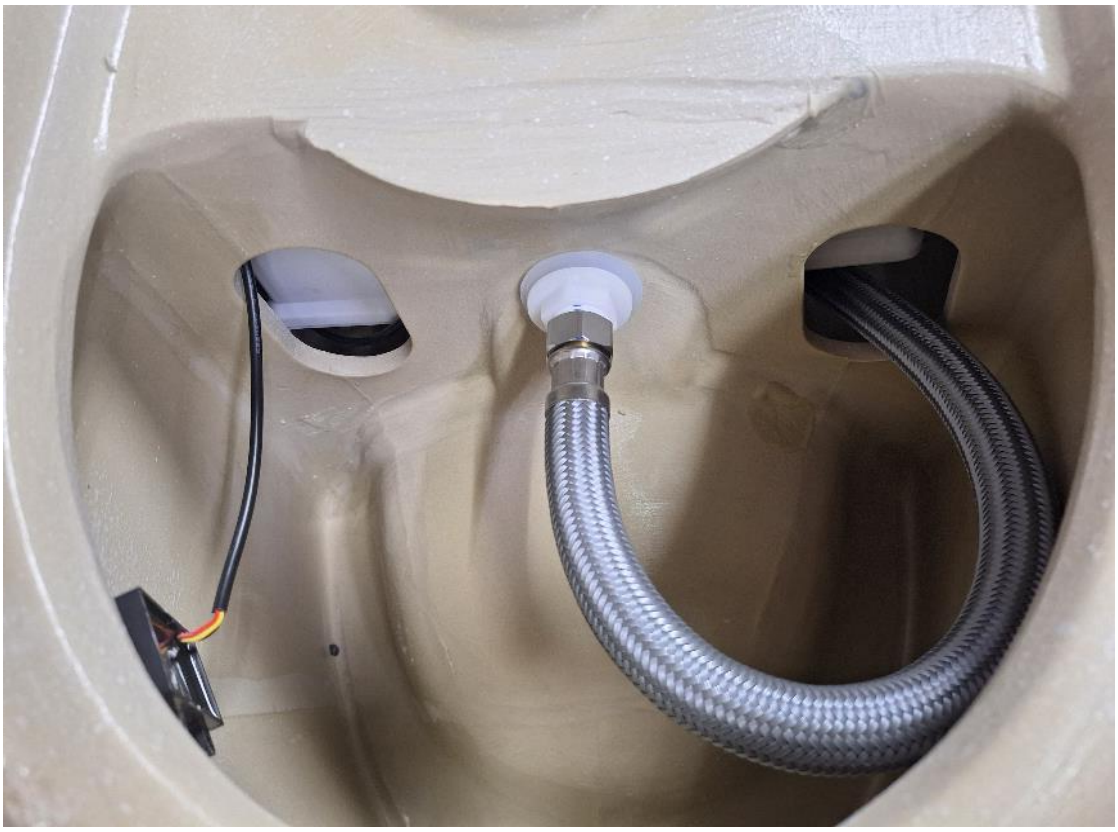


Photo 6 - View of model 9ME4653Q series



3.0 Product Photographs

Photo 7 - View of model 9ME4653Q series

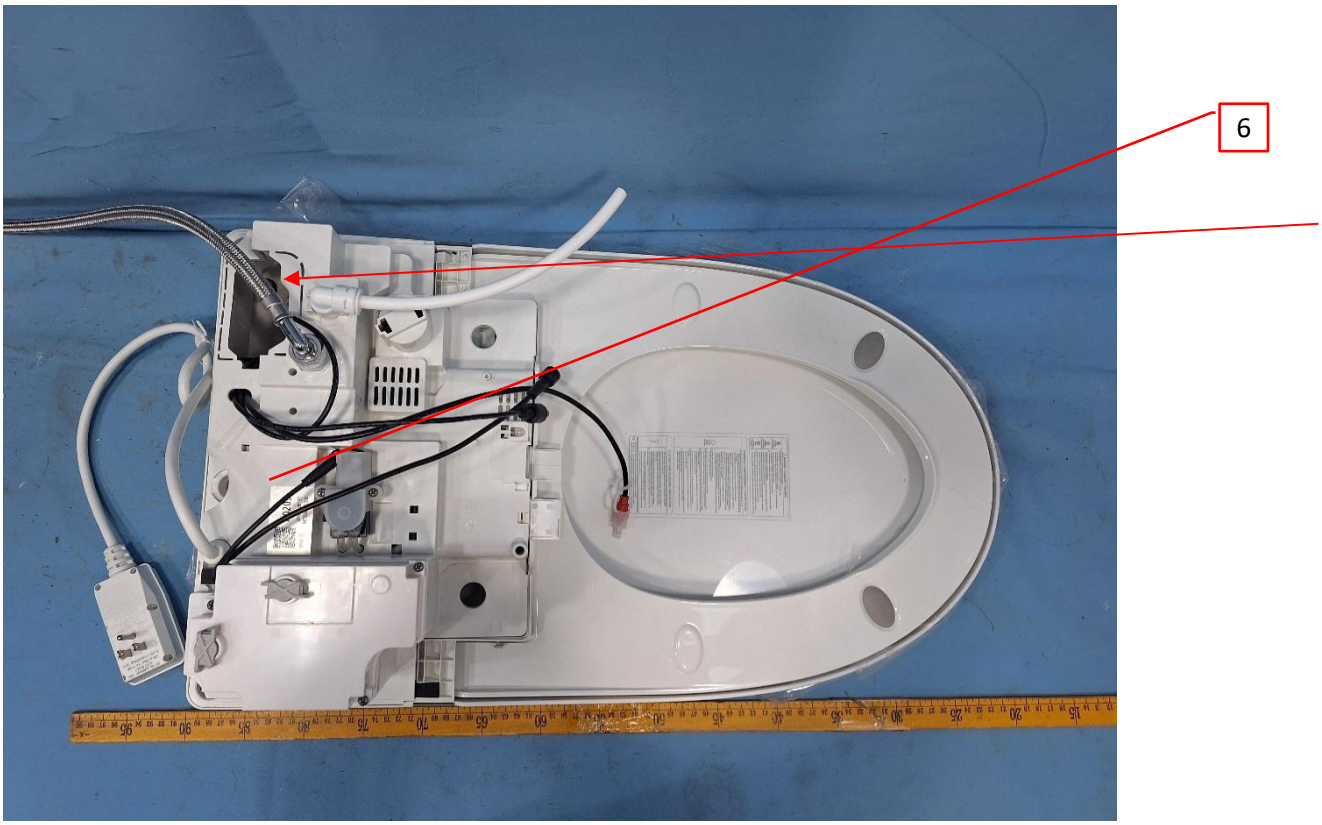


Photo 8 - View of model 9ME4653Q series

3.0 Product Photographs

Photo 9 - View of model 9ME4653Q series

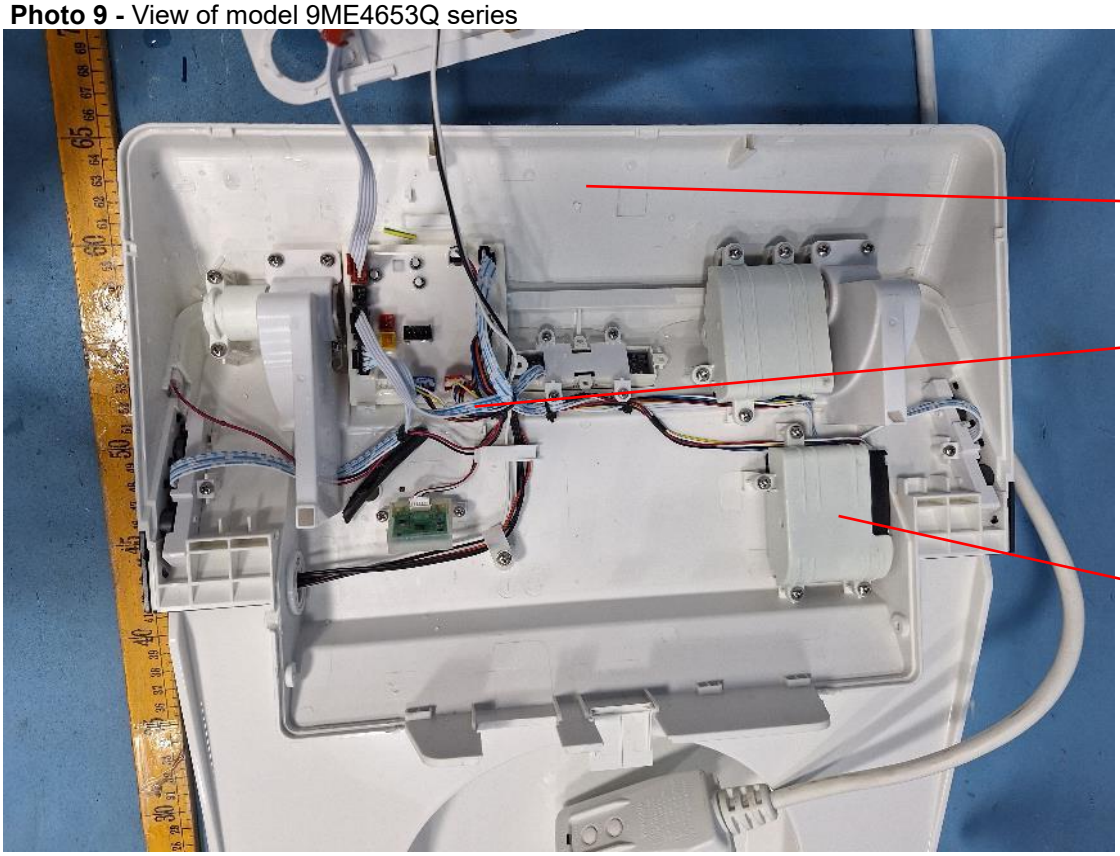


Photo 10 - View of model 9ME4653Q series

3.0 Product Photographs

Photo 11 - View of model 9ME4653Q series

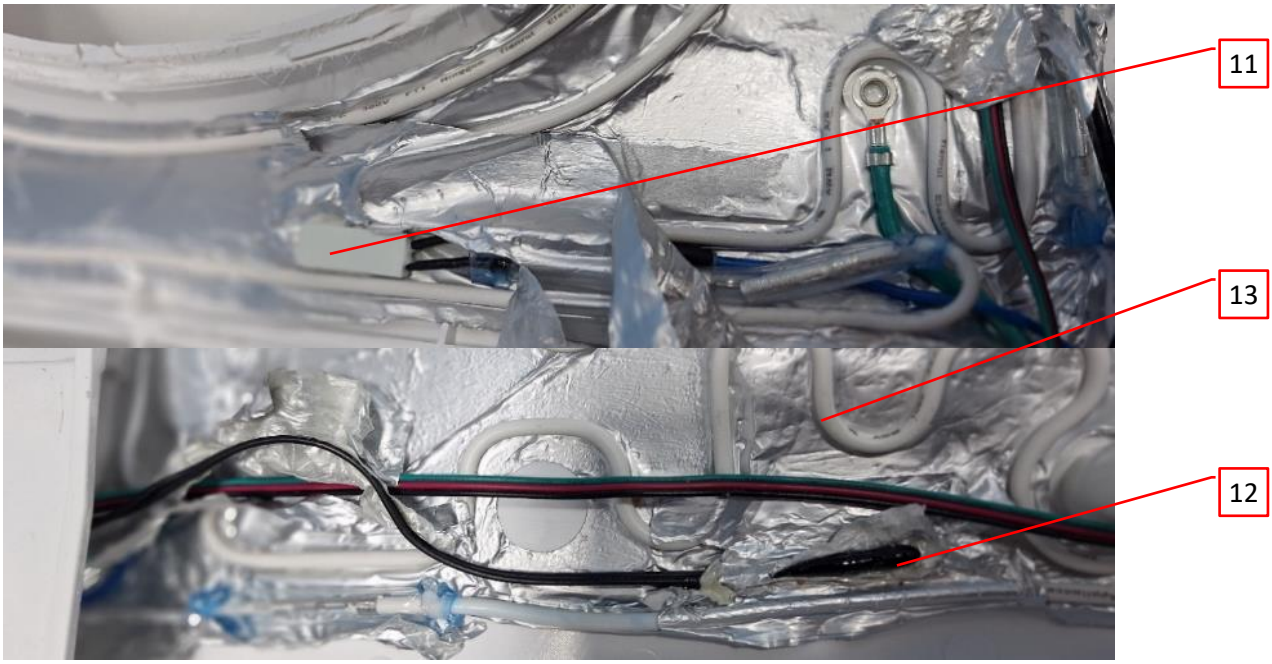
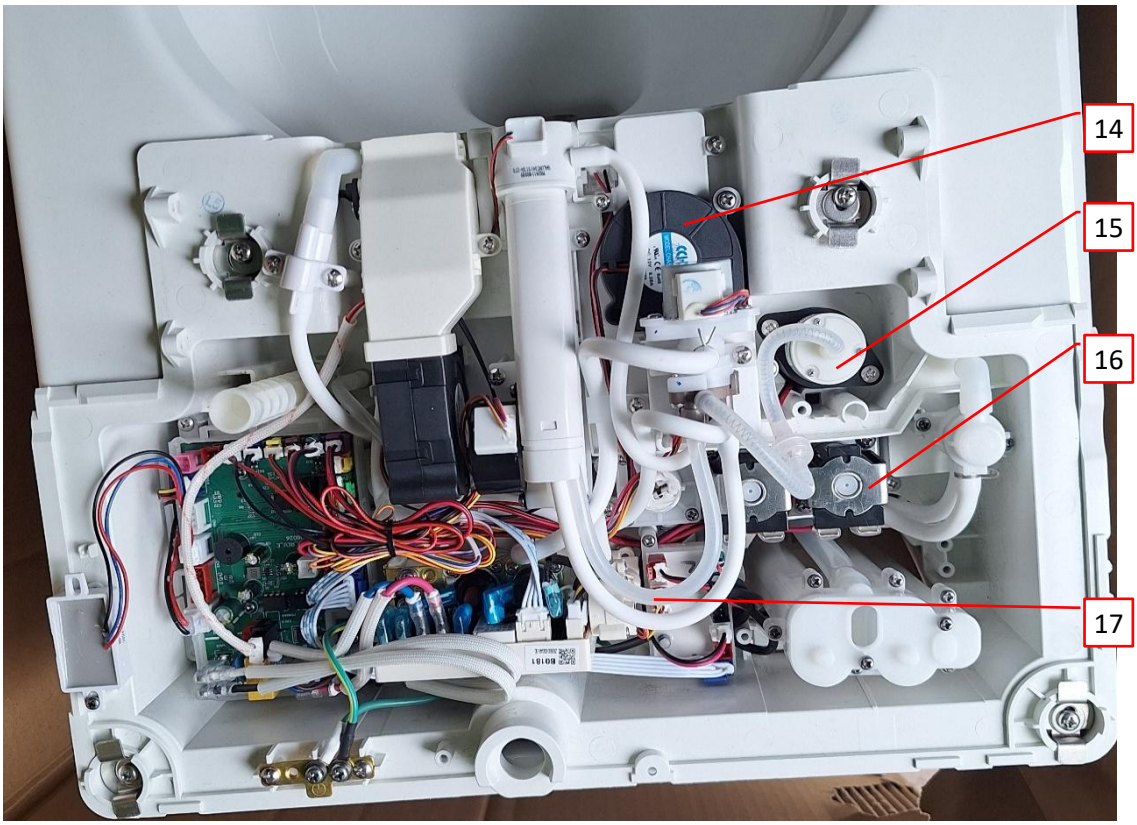


Photo 12 - View of model 9ME4653Q series



3.0 Product Photographs

Photo 13 - View of model 9ME4653Q series

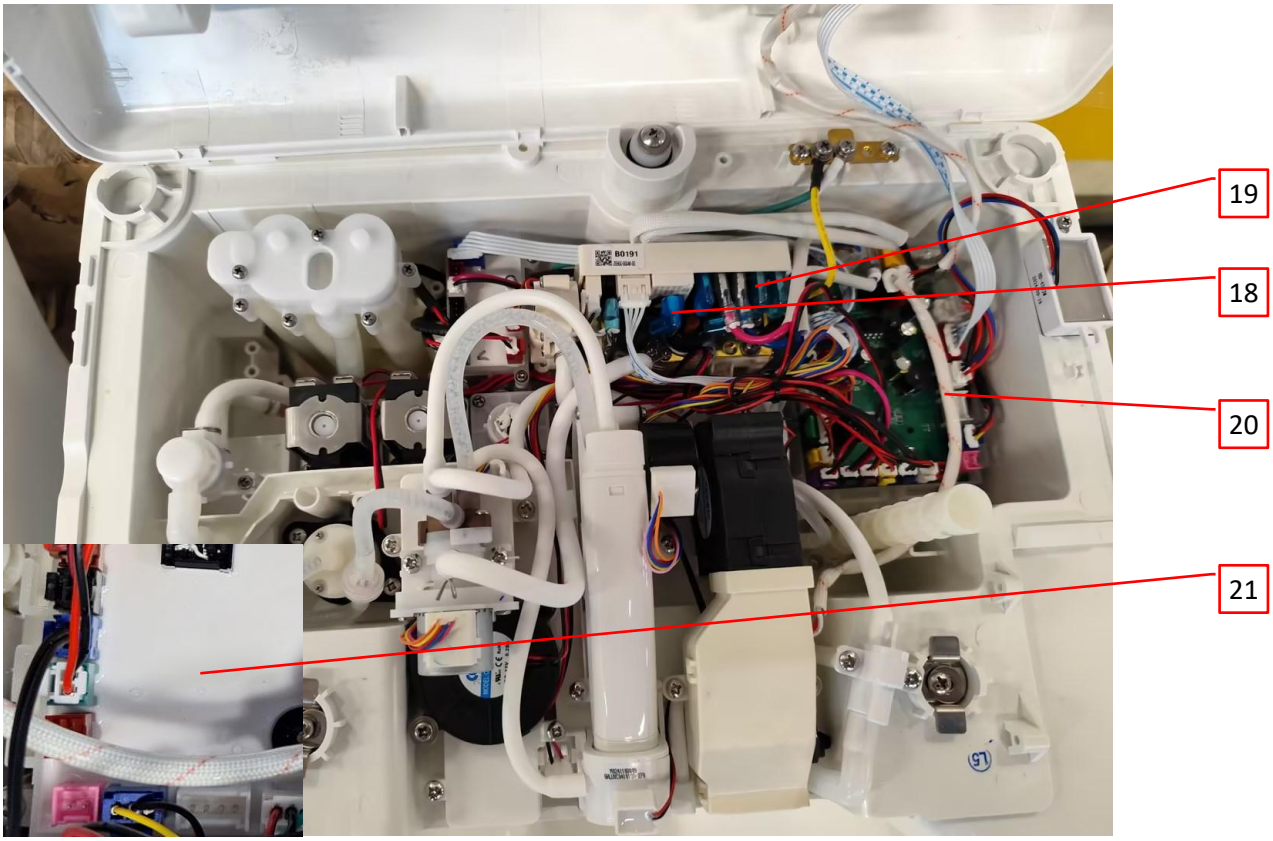
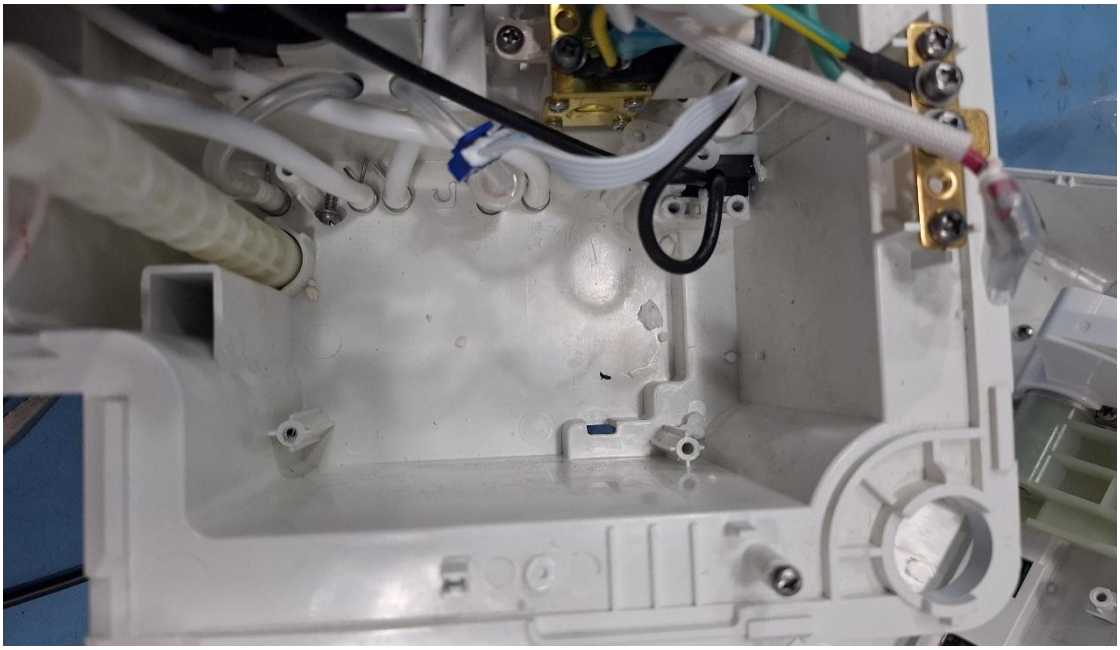


Photo 14 - View of model 9ME4653Q series



3.0 Product Photographs

Photo 15 - View of model 9ME46524 series

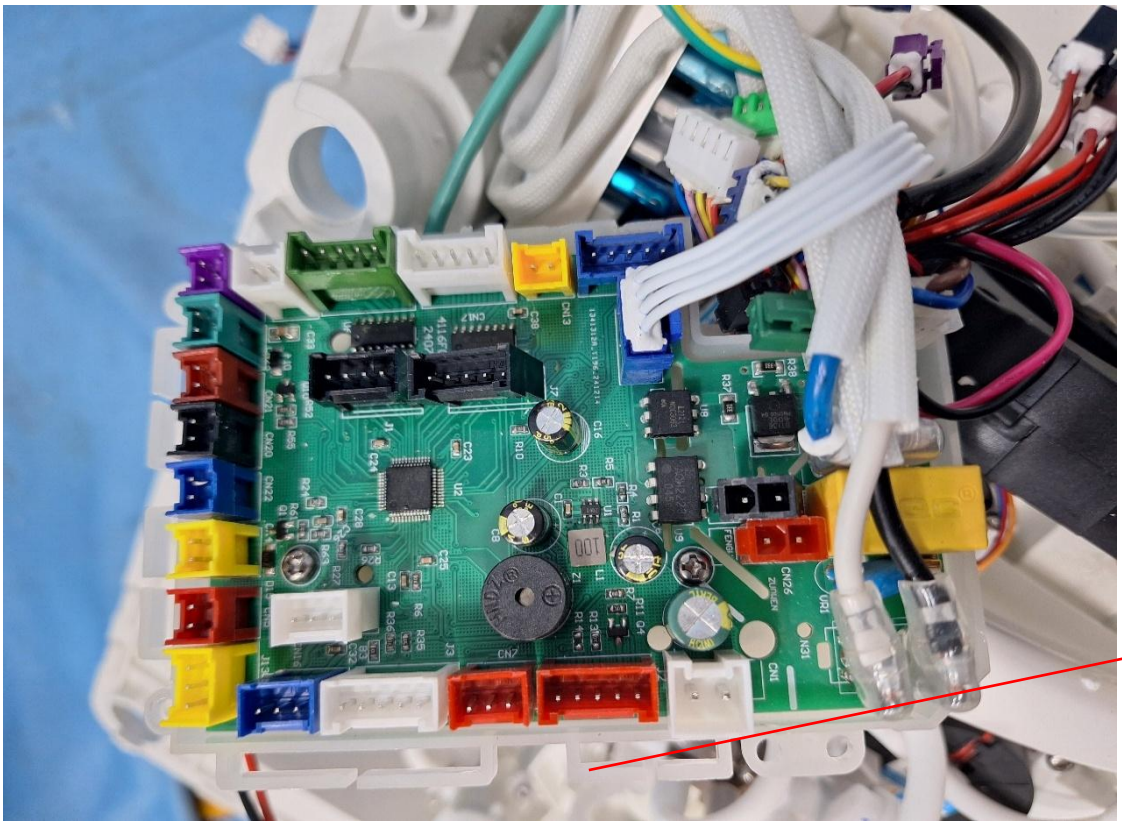
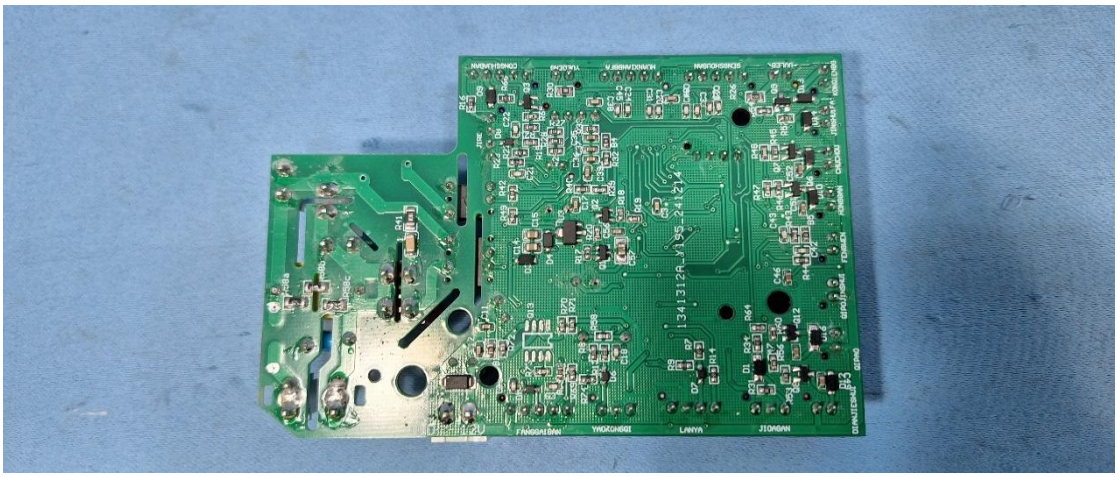


Photo 16 - View of model 9ME4653Q series



3.0 Product Photographs

Photo 17 - View of model 9ME4653Q series

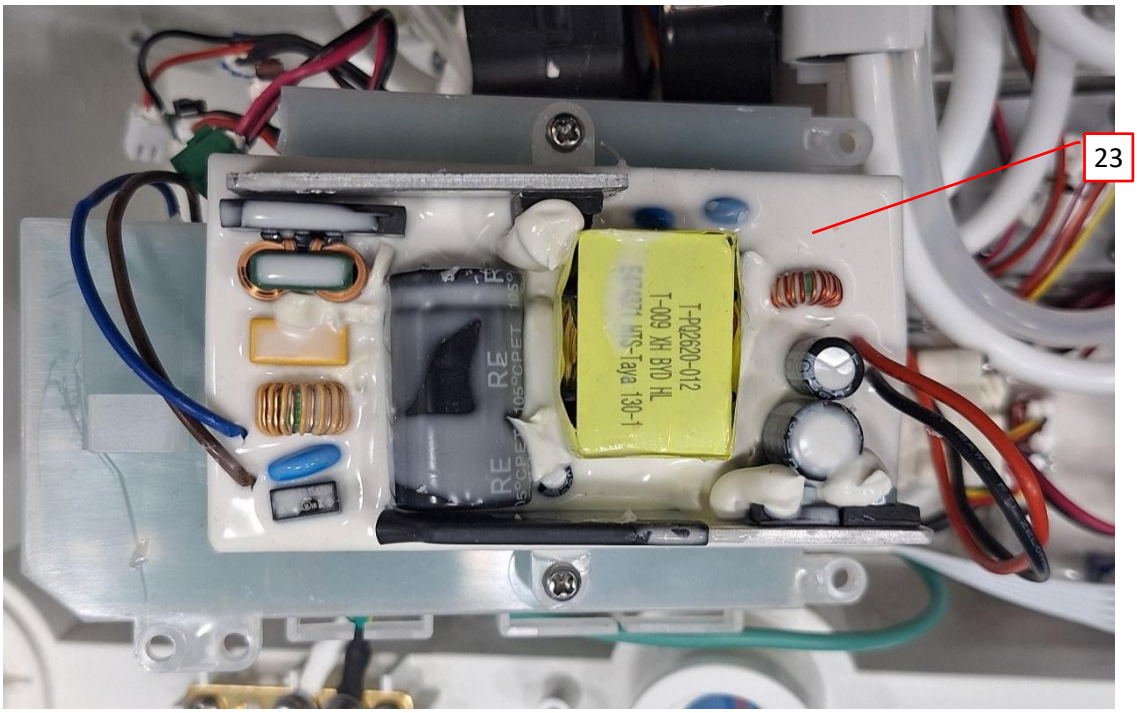
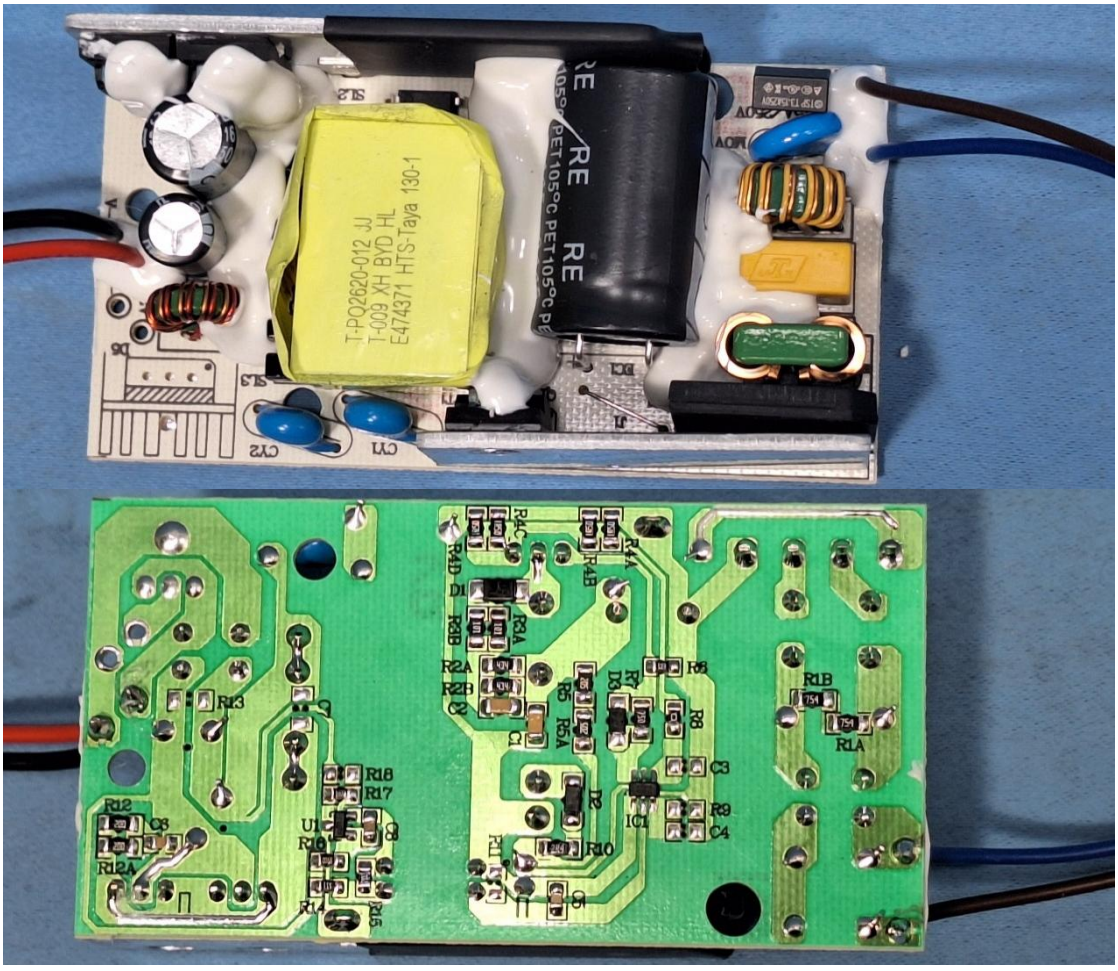


Photo 18 - View of model 9ME4653Q series



3.0 Product Photographs

Photo 19 - View of model 9ME4653Q series

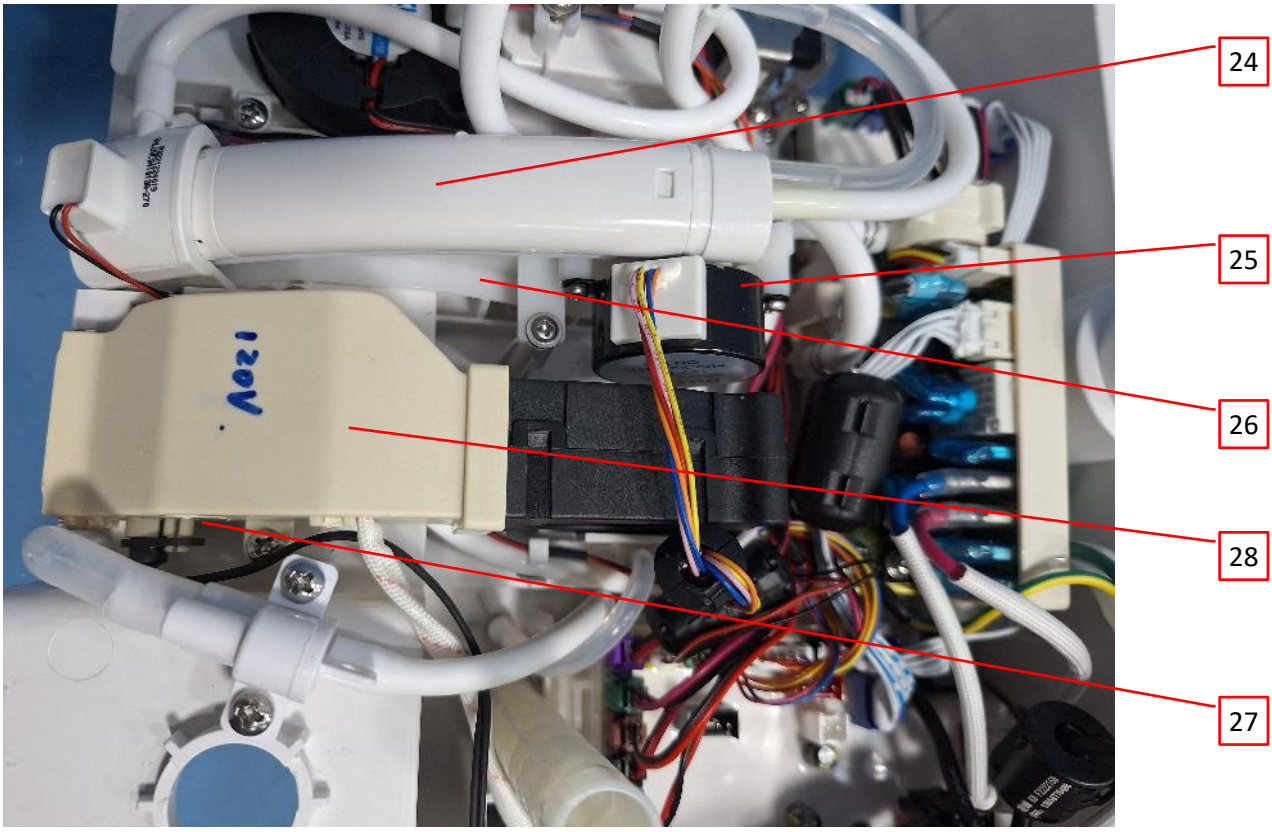
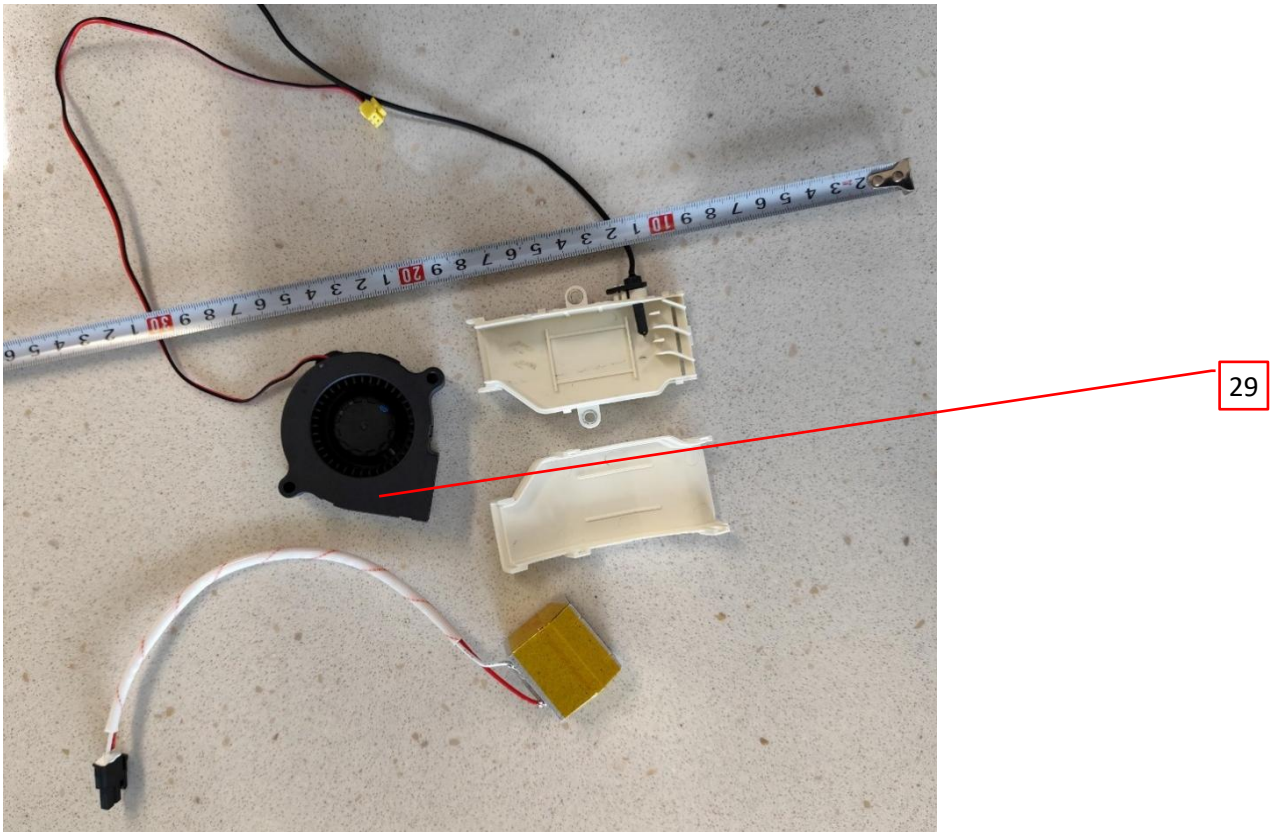


Photo 20 - View of all model ME4653



3.0 Product Photographs

Photo 21 - View of model 9ME4653Q series

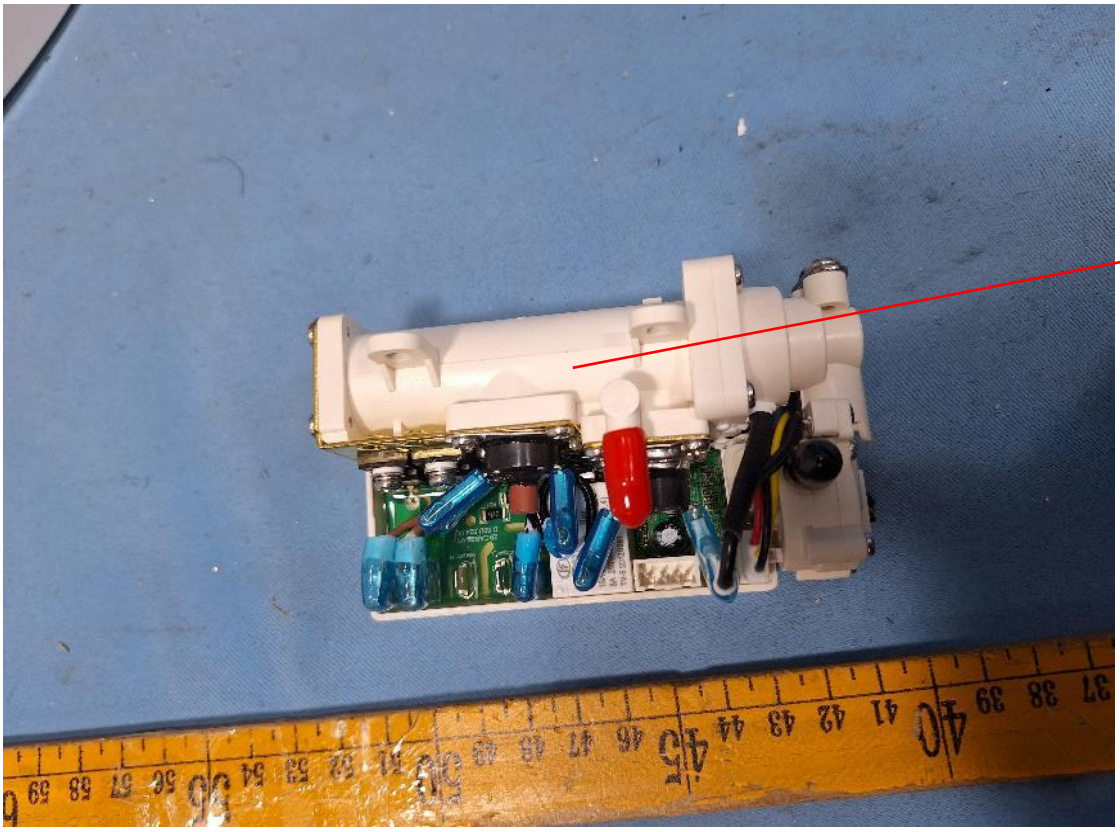
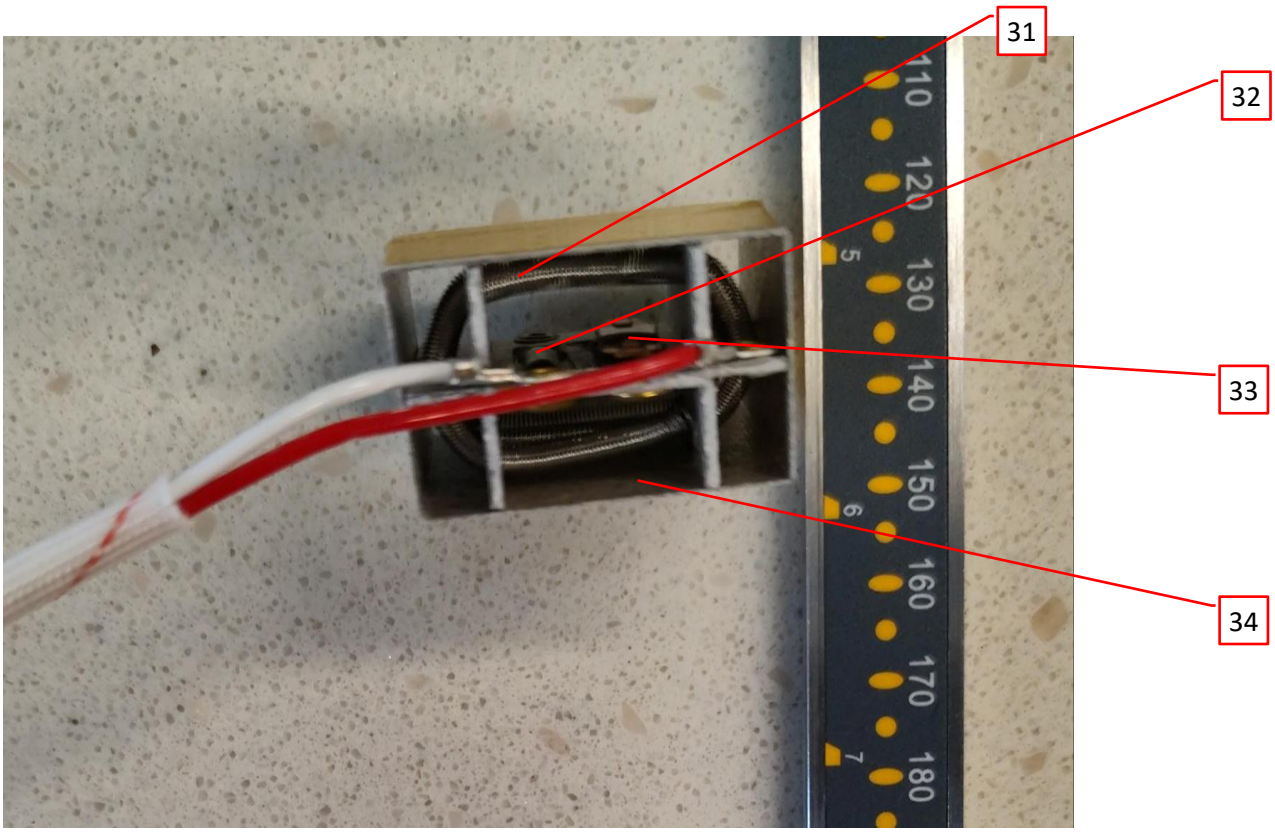
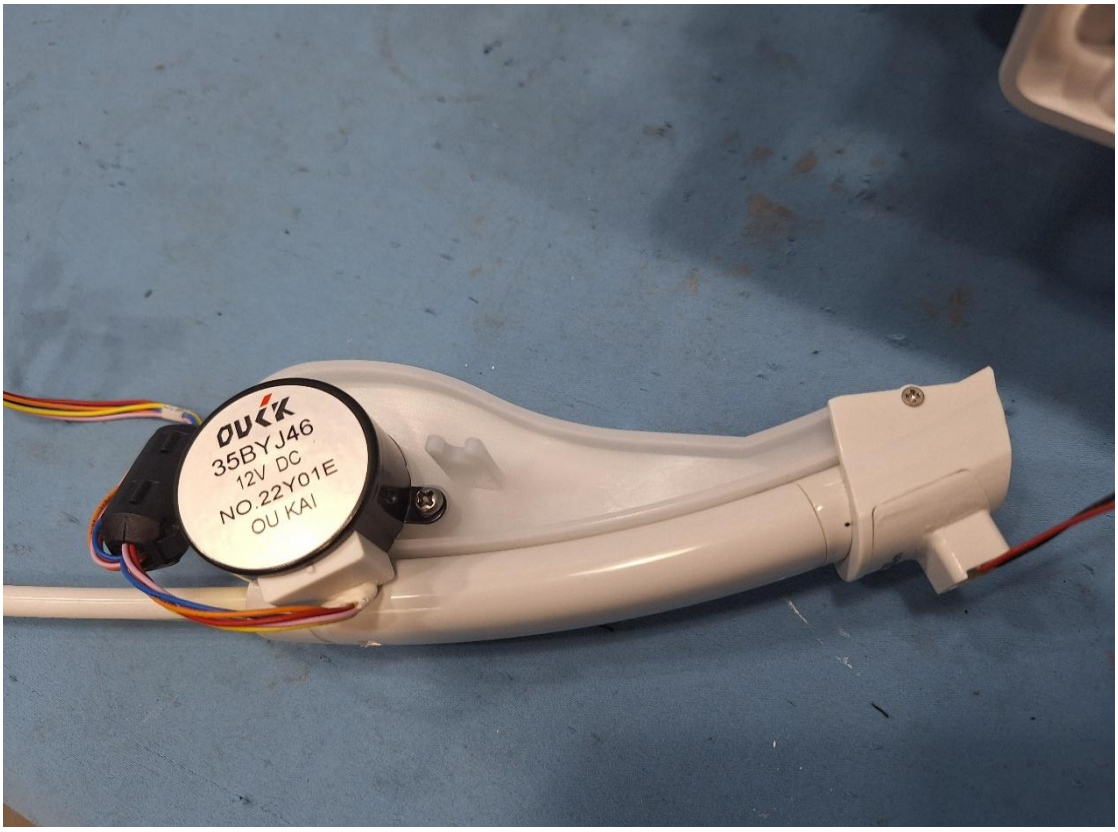


Photo 22 - View of model 9ME4653Q series



3.0 Product Photographs

Photo 23 - View of model 9ME4653Q series



4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
1	1	Toilet Seat lid	Various	Various	Minimum rated HB, PP, 65°C, min. 4.5 mm thick. Secured to main enclosure by Hinge Assembly and screw.	cURus
1	2	Seat Ring Lower Enclosure	POLYROCKS CHEMICAL CO LTD	168(+)(f1)	PP, rated V-0, HWI=3, HAI=0, 120 °C, 3.5 mm thick. Hinged to Main Enclosure after Friction welded with Seat Ring Upper Enclosure. Subjected to 127 mm flame test.	cURus
1	3	Seat	Various	Various	Ceramic.	NR
2	4	Power Cord	Various	SJTW	Rated 16AWG, 3-conductor, rated 300V, 105°C, VW-1. Cord length range 0.61m ~ 0.91m from cord entry to plug face, flexible cord terminal with a recognized GFCI.	cULus
2	5	Ground Fault Circuit Interrupter	SUZHOU ELE MFG CO LTD	G20PASR	Rated 125Vac, 60Hz, 15A.	cURus
			ZHONGSHAN KAPER ELECTRICAL CO LTD	GF01-P3-16	Rated 120Vac, 60Hz, 13A.	cURus
7	6	Main enclosure bottom	POLYROCKS CHEMICAL CO LTD	168(+)(f1)	PP, rated V-0, HWI=3, HAI=0, 120 °C, 3.5 mm thick. Subjected to 127 mm flame test.	cURus
9	7	Main Enclosure Top	POLYROCKS CHEMICAL CO LTD	168(+)(f1)	PP, rated V-0, HWI=3, HAI=0, 120 °C, 3.0 mm thick. Subjected to 127 mm flame test.	cURus
9	8	Seat Ring motor	Ningbo Heben Intelligent Technology Co., LTD	HBD-6-S5	Rated 12VDC 3.2N.M.	NR
9	9	Internal Wiring	Various	2468	Rated min.24 AWG, min.80°C, 300V, VW-1. Used for connecting flip cover PCB, heating assembly, water pump PCB.	cURus
9	9a	Internal Wiring 1 (not shown)	Various	1015	Rated 20AWG, minimum 600V, 105°C, VW-1.Connected to PCB of Ceramic Heater Element	cURus
10	10	Thermal link	ZHANGZHOU AUPO ELECTRONICS CO LTD	BF77	Rated 250V, 15A, Operating temperature at 77°C.	cURus

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
11	11	Thermostat	Zhongshan Chuancheng Precision Electronics Co Ltd	AH9B	Rated 250V, 6 A, functioning temperature set as 55°C, 10,000 endurance cycles. Secured to Seat Ring Upper Enclosure and sandwich between two aluminium foils.	cURus
			Zhong Shan Chang Hong Thermal Protector Co Ltd	RS-9700	Rated 250V, 6 A, functioning temperature set as 55°C, 10,000 endurance cycles. Secured to Seat Ring Upper Enclosure and sandwich between two aluminium foils.	cURus
11	12	NTC sensor	THINKING ELECTRONIC INDUSTRIAL CO LTD	NTS(X)503	Resistance at (R25) 50,000 ohm, Secured to Seat Ring Upper Enclosure and sandwich between two aluminium foils.	cURus
11	13	Heating Wire	Various	1080	Nickel chrome wire. Rated 300Vac 105°C, VW-1. Secured to Seat Ring Upper Enclosure.	cURus
12	14	Deodorizing fan	Guangdong Shenghui Technology Co., LTD	CHA5012RH-15B	Rated DC 12V.	cURus
12	15	Air pump	Xiamen Kunjin Electronic Technology Co., LTD	CJP37-C12D26	Rated 12VDC.	NR
12	16	Solenoid Valve	Zhejiang Fuxin Electrical Appliance Technology Co., LTD	FD-906-2	Rated DC12V, 350mA.	NR
12	17	Water tube	Various	Various	SIR material. Min. 3mm thick.	NR
13	18	Terminal tube	Various	PVC	Not heat shrinkable Polyvinyl chloride (PVC) tubing. Rated 600V, 105°C, VW-1.	cURus
13	19	Quick-connect Connecter	Various	Various	250. Straight type. Suitable for 18-22AWG wire.	cURus
13	20	Fiberglass tube	Various	Various	Grade A silicone rubber coated fiberglass sleeving. Rated 600V, 200°C, VW-1.	cURus
13	21	Glue	China Bluestar Chengrand Co Ltd	GD-6941	RTV. Rated V-0, 105°C. Min.1.8mm thick.	UR
15	22	PCB box	SABIC JAPAN L L C	945(GG)	PC. Rated V-0, HWI=3, HAI=3, 120°C, minimum 1.5mm thick.	cURus

4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
17	23	Switching Power Supply	XIAMEN XUNHENG ELECTRONICS TECH CO.,LTD.	XH1200-5000	Rated input 120Vac, 60Hz, output 12Vdc, 5A. It consisted of the following items: 23a thru 23g.	NR
17	23a	Plastic base (not shown)	SABIC JAPAN L L C	945(GG)	PC. Rated V-0, HWI=3, HAI=3, 120°C, minimum 1.5mm thick.	cURus
17	23b	Fuse (not shown)	Various	Various	Rated 3.15A, 250Vac.	cULus
17	23c	X-Capacitor (not shown)	Various	Various	Two provided. Rated 0.22uF, min. 275 Vac, min. 110 °C, type X2.	cURus
17	23d	Chock 1 (not shown)	Various	Various	LF1. Rated min.600uh. Consisted of the following items: 23d1, 23d2.	NR
17	23d 1	Magnet wire (not shown)	Various	MW75-C	Rated Min. 130°C.	UR
17	23d 2	Insulated wire (not shown)	TA YA ELECTRIC WIRE & CABLE CO LTD	TILW-B	Min. 130°C.	UR
17	23e	Chock 2 (not shown)	Various	Various	LF2. Class 130 insulation systems. Rated 15mh. Consisted of the following items: 23e1, 23e2.	NR
17	23e 1	Magnet wire (not shown)	Various	MW75-C	Rated Min. 130°C.	UR
17	23e 2	Core (not shown)	Various	Various	Ferrite.	NR
17	23f	Transformer (not shown)	XiaMen BoYeDa Industrial Trading Co., Ltd	T-009	Rated input 120Vac, 60Hz, output 12V, 5A. Class A.	See 5.0
17	23g	PCB (not shown)	Various	Various	Rated V-0, 130ºC, Min. 1.6 mm thick. Met UL 796. Refer to illustration 3 for the layout.	UR
19	24	Nozzle Pipe	Various	Various	ASA. Rated HB or better.	NR
19	25	Wand Stepper Motor	Changzhou Oukai Electrical Appliance Co., LTD	35BYJ46	Rated 12VDC.	NR
19	26	Nozzle Bracket	Various	Various	Rated HB or better, 1.9 mm thickness.	cURus
19	27	Lower Housing of Air Dryer	CELANESE INTERNATIONAL CORP	FR50G50V0	PA66, rated V-0, HWI=3, HAI=0, 120°C, 1.5 mm thick minimum.	cURus
19	28	Upper Housing of Air Dryer	CELANESE INTERNATIONAL CORP	FR50G50V0	PA66, rated V-0, HWI=3, HAI=0, 120°C, 1.5 mm thick minimum.	cURus

4.0 Critical Components

Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
20	29	Fan	Guangdong Shenghui Technology Co., LTD	CH(a)6012(b)Y-(c)25(d)	Rated DC 12V, 12.3CFM.	cURus
21	30	Ceramic Heater Element	Suzhou Langgao Intelligent Technology Co Ltd	LGIWH5.0U	Rated 120Vac, 50/60 HZ, 1300W. Secured to Main enclosure bottom by physical fit and screws.	cURus
22	31	Heating Element Assembly	Various	Various	Rated 120Vac, 230W.Coiled and seated in notches of Heating Element Support. Element end are secured to the Heating Element Support by eyelet rivets.	NR
22	32	Thermal Link	SCHOTT Japan Corporation	SF129R0	Rated125V, 20A, Tf=133°C.	cURus
22	33	Temperature Limiter	SEKI CONTROLS CO LTD	ST-12	Rated 125V, 15A, Ts-p=80°C, 10,000 endurance cycles.	cURus
22	34	Mica	Various	Various	Mica. Min.0.4mm thick.	UR

NOTES:

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) “Various“ means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

INSULATED COIL

Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
17	23f	Transformer (not shown)	XiaMen BoYeDa Industrial Trading Co., Ltd	T-009

Electrical Rating: input 120Vac, 60Hz, output 12V, 5A.	Insulation class A
Component Standard used:	UL 1310:2018 Ed.7+R:09Jun2022 (R2020) [CSA C22.2#223:2015 Ed.3]

MATERIALS LIST (refer to illustration 4 for assembly drawing)

Component	Manufacturer	Type/model	Dimensions/thickness/assembly information
Primary winding	Various	MW 79-C	Temp Class 155ºC. Consisted of N1: φ 0.3mm*2strand, 26 turns; N2: Copper foil 0.05*7mm 1.1 turns; N5：φ0.12*3 strand, 7 turns；N6：φ0.3*2 strand, 10 turns；
Bobbin	CHANG CHUN PLASTICS CO LTD	T375HF	Phenolic, V-0, HWI=0, HAI=0, min. 0.43mm thickness, 150°C.
Secondary winding	TA YA ELECTRIC WIRE & CABLE CO LTD	TILW-B	Reinforced insulation. Minimum 130°C. Consisted of N3: φ0.6*2 strand, 5 turns; N4: φ 0.6*2 strand, 5 turns.
Insulation Tape	Various	Various	Ratedd minimum 155°C.
Varnish	Various	MW 24-C	Rated Min. 155°C.
Heat shrinkable tube	Various	Various	Rated 300V, 125°C, VW-1, use to wrap the current fuse and varistor.

WINDING(S) RESISTANCE

Winding Designation	Wire Size (AWG or mm^2)	Wire Type	Turns	Volts	Amps	DC resistance (Ω) +/- 10%:
Primary winding P1	φ0.4mm	MW 79-C	19	-	-	-
Primary winding P2	φ0.4mm	MW 79-C	19	-	-	-
Primary winding PF	φ0.2mm	MW 79-C	7	-	-	-
Secondary winding S1	φ0.5mm	TILW-B	6	-	-	-

VERIFICATION PROCESS

Frequency: **Annual**	Test Site: **CEC**	Number of samples to test: **1**

Test Name	Test Parameters		
Winding resistance	See resistance per winding above.		
Dielectric Strength	Apply voltage Between	Test Voltage	Test Time
	Primary to core	1440V	60s
	Primary to secondary	1440V	60s
	Secondary to core	500V	60s

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - In primary circuits 1.6 mm minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and between bare live part and other non-current-carrying conductive parts other than enclosure, minimum 3.1 mm spacing between current-carrying parts and electrically conductive enclosure.

2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.

3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.

4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.

5. Grounding - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the grounding lead of the power supply cord and the equipment grounding terminal.

6. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets.

7. Schematics - Refer to Illustrations 2 for schematics requiring verification during Field Representative Inspection Audits.

8. Markings - The product is marked by molding into polymeric enclosure as follows:
   - applicant's name, brand name or Multiple Listee's name
   - model number
   - date of manufacture
   - electrical ratings

9. Cautionary Markings - The following are required, cautionary marking shall be prefixed with the word "CAUTION" or "WARNING" in letters not less than 3.2 mm high. The remaining letters of such marking shall not be less than 1.6 mm high:

   CAUTION: Risk of electric shock, do not remove cover (or back). Refer servicing to qualified service personnel.
   Risque de choc électrique, ne retirez pas le couvercle (ou le dos). Confiez l'entretien à un personnel d'entretien qualifié.

6.0 Critical Features

10. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer.
    - Upper case and lower case letters shall not be less than 2.0 mm and 1.6 mm in height respectively.
    - The phrases “IMPORTANT SAFEGUARDS” and “SAVE THESE INSTRUCTIONS” shall be in letters not less than 4.8 mm in height.
    - "READ ALL INSTRUCTIONS BEFORE USING" and "DANGER" shall be in letters at least 2.0 mm high, but less than 4.8 mm high.
    Refer to Illustrations 1, 1a for details.

7.0 Illustrations

Illustration 1 - Instruction manual

IMPORTANT SAFEGUARDS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING

DANGER– To reduce the risk of electrocution:

1. Do not use while bathing.

2. Do not place or store product where it can fall or be pulled into a tub or sink.

3. Do not place in or drop into water or other liquid.

4. Do not reach for a product that has fallen into water. Unplug immediately.

WARNING – To reduce the risk of burns, electrocution, fire, or injury to persons.

1. Close supervision is necessary when this product is used by, on, or near children or invalids.

2. Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.

3. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination and repair.

4. Keep the cord away from heated surfaces.

5. Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and the like.

6. Never use while sleeping or drowsy.

7. Never drop or insert any object into any opening or hose.

8. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.

9. Connect this product to a properly grounded outlet only. See Grounding Instructions.

SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

7.0 Illustrations

Illustration 1a - Instruction manual

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

DANGER– Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

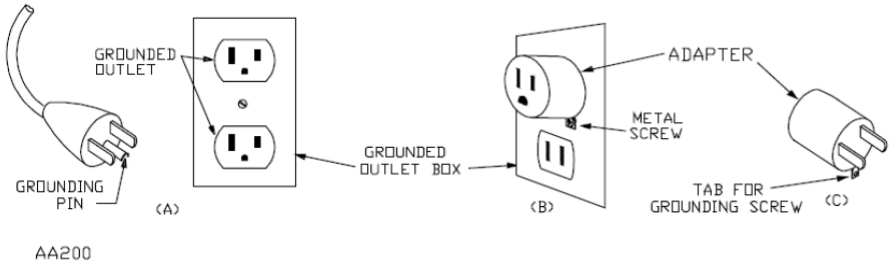
This product is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in sketch A in Figure 75.1. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if

a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug, and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in

place by the screw.

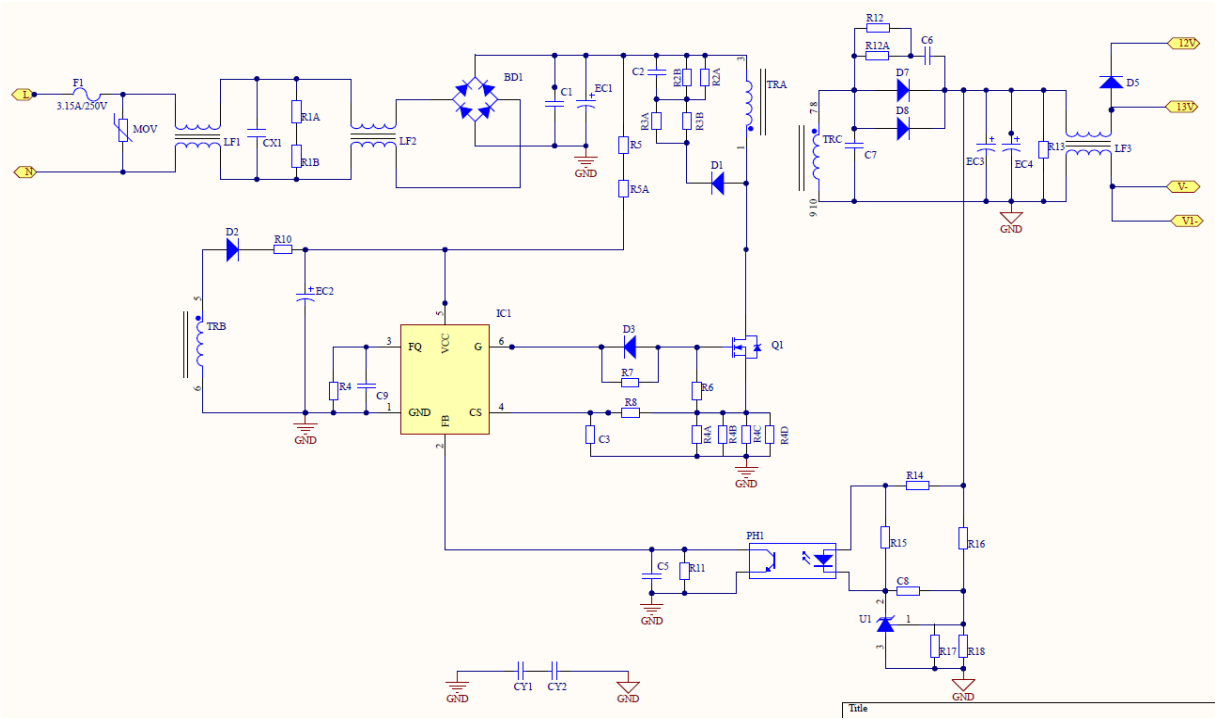
Figure 75.1

Grounding methods



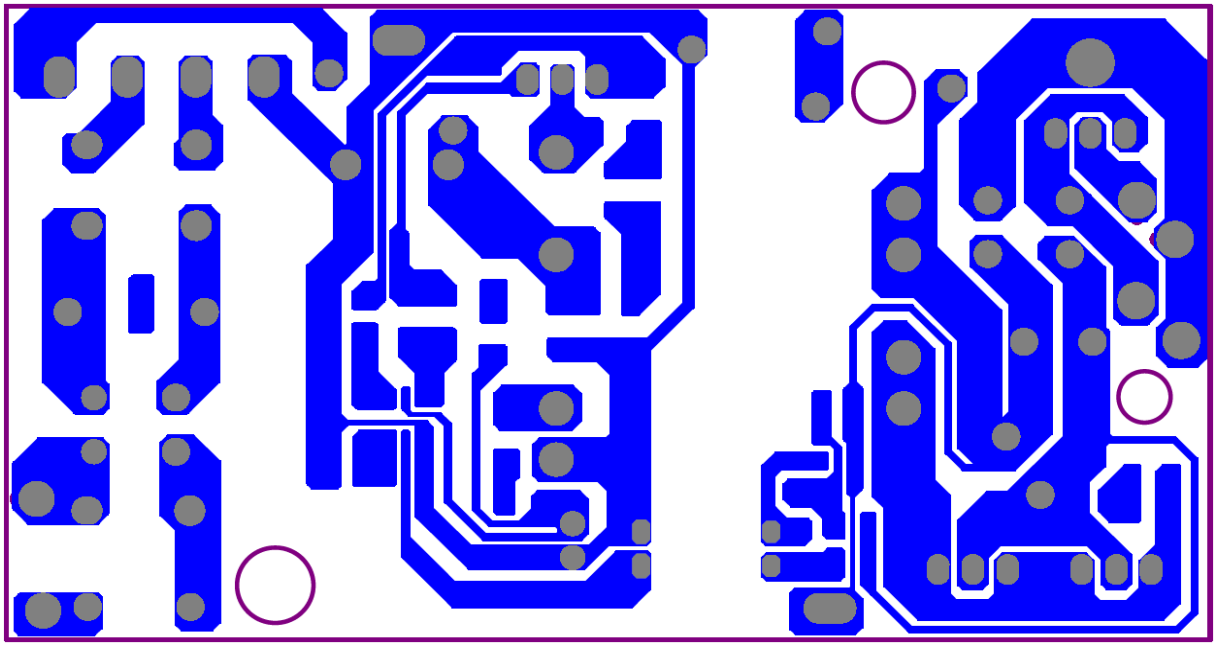
7.0 Illustrations

Illustration 2 - Circuit Diagram for PWB



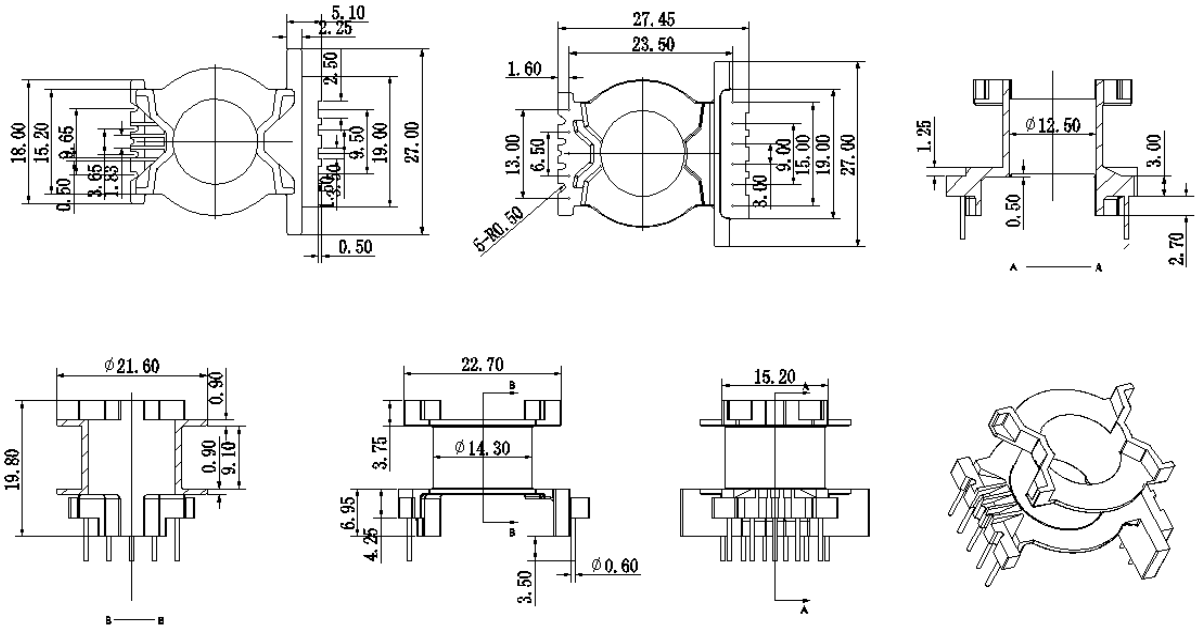
7.0 Illustrations

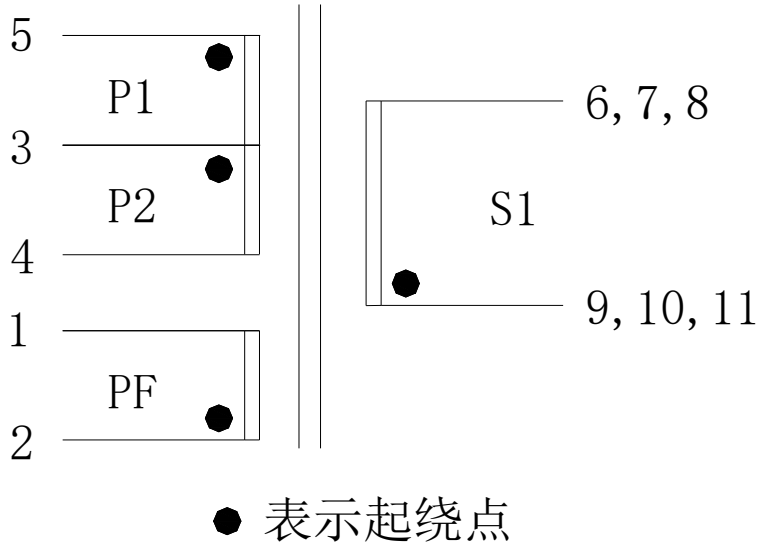
Illustration 3 - layout of PWB



7.0 Illustrations

Illustration 4 - Transformer Drawing





7.0 Illustrations

Illustration 5 - Model similarity

		Model			
		Without Dot matrix lamp		With Dot matrix lamp	
		9ME46524	9ME4653Q	9ME46564	9ME4657Q
Function	Leave the flushing	●	●	●	●
	Seat ring heating	●	●	●	●
	Wash the buns	●	●	●	●
	Dry and deodorize	●	●	●	●
	Automatic opening/closing cover ring	/	●	/	●
	Other comforts, selling points and features	◎	◎	◎	◎
With Remote control (Yes/No)		Yes	Yes	Yes	Yes
Appearance					
Remark: "●" means with the function; "/" means no the function; "◎" means may be with the function.					

8.0 Test Summary					
Evaluation Period	9-Aug-2024 ~ 17-Mar-2026			Project No.	240809139GZU
Sample Rec. Date	9-Aug-2024	Condition	Prototype	Sample ID.	S240809139-001~007
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch. (Address: Room 101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China)				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					

Test Description	UL 1431:2011 Ed.3+R:13Mar2025 / Clause	UL 1951:2025 Ed.3 / Clause	CSA C22.2#64:2025 Ed.9 / Clause	CSA C22.2#68:2018 Ed.8+U1;U2 / Clause
Surface Temperatures	37	-	-	-
Operational Test	45	51	-	-
Leakage Current Test	46	40	7.8	6.9
Leakage Current Following Humidity Conditioning Test	47	41	-	6.18
Starting Current Test	48	44	-	6.3
Power Input Test	49	39	7.2	6.4
Temperature Test	50	45, 66.1	7.3	6.2, 6.5
Dielectric Voltage-Withstand Test	51	46	7.5	6.6
Grounding Impedance Test	53	43	5.21	5.18
Abnormal Operation Tests	54	53	7.4	6.7
Dispenser Leakage Test	57	-	-	-
Cleaning Test	58	-	-	-
Thermostats Test	59	-	-	-
Printed Wiring Assemblies Test	60	-	-	-
Strain Relief Test	61	48	5.6.4	6.12.1
Rain Test	-	47	-	-
Overload Test on Switches and Controls	-	50	-	6.8
Flexing (Power Supply Cords and Cord Sets)	-	-	7.6	6.12.2
Flexing (Internal Wiring)	-	-	7.7	6.12.2
Performance of automatic temperature controls	-	-	7.1	-
Performance of Fusible Links	-	-	7.11	-
Aging of water seals	-	-	7.12	-
Physical Abuse	-	-	7.13	6.11
Backflow	-	-	7.14	5.1.3.2
Open-Coil Heating Element Breakage	-	-	7.24	-
Mold Stress Distortion Test	-	-	-	6.21

Test Description	UL 1310:2018 Ed.7+R:09Jun2022 / Clause	(R2020) [CSA C22.2#223:2015 Ed.3] / Clause	UL 746C:2018 Ed.7+R:30Nov2023 / Clause	-
Leakage Current Test	26	6.6	-	-
Leakage Current Test and Dielectric Voltage Withstand Test After Humidity Exposure	27	-	-	-
Maximum Output Voltage Test	28	6.3.1	-	-
Maximum Input Test	29	6.3.2	-	-
Output Current and Power Test	30	6.3.4	-	-
Full-Load Output Current Test	32	6.3.3	-	-
Dielectric Voltage Withstand Test	34	6.5	-	-

8.0 Test Summary				
Endurance Test on Overcurrent- and Overtemperature-Protective Devices	35	-	-	-
Abnormal Tests	39	6.8	-	-
Tests on Insulating Materials	40	6.14	-	-
Secondary Circuit Protection	-	6.7	-	-
Securement of Components	-	6.12	-	-
Strain-Relief Test after Mold Stress-Relief Distortion	-	-	31	-
Flammability – 127 mm (5 inch) Flame Test	-	-	52	-
Crushing Resistance Test	-	-	55	-
Polymeric Enclosure Impact Test	-	-	56	-
Mold Stress Distortion Test	-	-	61	-

8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.			
Completed by:	Jeff Liu	Reviewed by:	Benson Li
Title:	Engineer	Title:	Sr. Tech. Supervisor
Signature:	Jeff Liu	Signature:	Benson

9.0 Correlation Page For Multiple Listings	
The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.	
BASIC LISTEE	Hoti (Xiamen) Tech Home Inc
Address	No.6 Guoyuan Road, Tongxiang High-tech Park, Hongtang Town, Tongan' District, Xiamen 361100
Country	China
Product	Smart Toilet

MULTIPLE LISTEE 1	AVENUE HOME OPERATION CORP.
Address	4916 3RD AVENUE BROOKLYN, NY 11220
Country	THE UNITED STATES
Brand Name	NVAO
ASSOCIATED MANUFACTURER	Hoti (Xiamen) Tech Home Inc
Address	No.6 Guoyuan Road, Tongxiang High-tech Park, Hongtang Town, Tongan' District, Xiamen 361100
Country	China

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS
ME4653Q may be followed by -; followed by up to eight characters. ME4657Q may be followed by -; followed by up to eight characters. ME46524 may be followed by -; followed by up to eight characters. ME46564 may be followed by -; followed by up to eight characters.	9ME4653Q may be followed by -; followed by up to eight characters. 9ME4657Q may be followed by -; followed by up to eight characters. 9ME46524 may be followed by -; followed by up to eight characters. 9ME46564 may be followed by -; followed by up to eight characters.

MULTIPLE LISTEE 2	LETTOI LLC
Address	2045 W Grand Ave Ste,Chicago, Illinois Chicago60612
Country	USA
Brand Name	DeerValley
ASSOCIATED MANUFACTURER	Hoti (Xiamen) Tech Home Inc
Address	No.6 Guoyuan Road, Tongxiang High-tech Park, Hongtang Town, Tongan' District, Xiamen 361100
Country	China

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS
9ME46564 may be followed by -; followed by up to eight characters, DV-1S0289. 9ME4657Q may be followed by -; followed by up to eight characters, DV-1S0289-V3.	9ME46564 may be followed by -; followed by up to eight characters. 9ME4657Q may be followed by -; followed by up to eight characters.

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
3) a control number issued by Intertek
4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, “Conforms to” shall appear with the standard number along with the word, “ Standard” or “Std.” Example: “Conforms to ANSI/UL Std. XX.”

For Canadian standards, the words “Certified to CAN/CSA Standard CXX No. XX.” shall be used, or abbreviated, “Cert. to CAN/CSA Std. CXX No. XX.”

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use. The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:
Intertek Testing Services Shenzhen Limited Guangzhou Branch
ETL Component Evaluation Center
Room 101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District

Guangzhou, Guangdong, China
Attn: Ms. Joey Kuang
Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Dielectric Voltage Withstand Test.
Grounding Continuity Test.

11.1 Dielectric Voltage Withstand Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contactors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.
The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.
If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:
1 - a voltmeter in the primary circuit;
2 - a selector switch marked to indicate the test potential; or
3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.
In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

Product	Test Voltage	Test Time
All products covered by this Report.	1000V	60 s
	or	
	1200V	1 s

11.2 Grounding Continuity Test

Method

Each product listed below shall be subjected to a test to determine that there is continuity between accessible dead-metal parts of the product and the grounding pin or blade of the attachment plug.

If all accessible dead metal is connected, only a single test need be performed. A visual or audible device (ohmmeter, buzzer, etc.) may be used to indicate grounding continuity.

Products Requiring Grounding Continuity Test:

All products covered by this Report.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
				None