

SURFACE PREPARATION INSTRUCTIONS



1. SAFETY

WEAR NITRILE GLOVES AND GOGGLES BEFORE HANDLING COMPONENTS AND SOLUTION.



2. POWER OFF DEVICE

ENSURE THE DEVICE IS UNPLUGGED AND FULLY POWERED DOWN FOR AT LEAST 5 MINUTES.

DISMANTLE AND REMOVE ELECTRICAL COMPONENTS TO BE TREATED FROM DEVICE IF POSSIBLE.



3. HAVE A CLEAN DEVICE

CLEAN ELECTRICAL COMPONENTS WITH 91% ISOPROPYL (RUBBING ALCOHOL) TO REMOVE DUST AND OILS.

WE RECOMMEND USING A SOFT BRISTLE TOOTHBRUSH AND/OR A LINT FREE MICROFIBER. ALLOW DEVICE TO DRY.

IMPORTANT

DO NOT SUBMERGE OR APPLY SOLUTION TO LCD SCREENS.

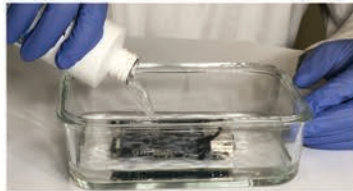
DIRTY COMPONENTS WILL PREVENT THE COATING FROM ADHERING TO THE SURFACE, RESULTING IN AN INEFFECTIVE COATING.

NANOCOATING APPLICATION INSTRUCTIONS



1. FIND A CLEAN DIP TRAY

USE A CLEAN GLASS CONTAINER THAT WILL ALLOW THE COMPONENT TO SUBMERGE IN THE SOLUTION.



2. DIP DEVICE IN SOLUTION

PLACE ELECTRONIC COMPONENT IN THE GLASS CONTAINER, SLOWLY POUR THE SOLUTION COMPLETELY SUBMERGING THE COMPONENT FOR 10 SECONDS OR WHEN AIR BUBBLES ARE GONE.



3. DRAIN EXCESS SOLUTION

REMOVE COMPONENT HANDLING BY IT'S SIDES ONLY IN A 45 DEGREE ANGLE. CONNECTORS DOWNWARDS. ALLOW EXCESS SOLUTION TO DRAIN FROM ALL CONNECTORS.



4. AIR OR HEAT CURE COATING

SOLUTION WILL AIR CURE IN 24 HOURS. FOR BEST RESULTS, PLEASE PLACE THE DEVICE IN A CURING OVEN SET AT 90 °C (194°F) FOR UP TO 10 MINUTES THEN AIR-CURE FOR 8 TO 24 HOURS. DO NOT EXPOSE TO LIQUID DURING THE CURE TIME.

NOTE: UNUSED SOLUTION IN THE TRAY SHOULD BE RESEALED INTO THE ORIGINAL BOTTLE OR IN A AIR TIGHT CONTAINER TO PREVENT SOLUTION EVAPORATION.

STORAGE AND HANDLING

- REMAINING SOLUTION IN GLASS CONTAINER SHOULD BE Poured THROUGH A STRAINER FILTER (10TTT0 MICRON) AND FUNNEL BACK INTO THE ORIGINAL BOTTLE FOR FUTURE USE.
- ENSURE CAP IS SECURED TIGHTLY AND STORE SOLUTION AT ROOM TEMPERATURE IN A COOL, DRY ENVIRONMENT, AND AWAY FROM DIRECT SUNLIGHT.

FOR IP67/68 RATING

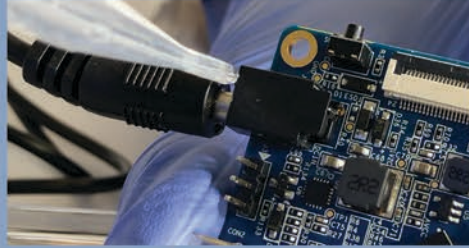
WE RECOMMEND DIPPING CONNECTING CABLES TO ENSURE TWO COMPONENTS ARE COATED AND NOT JUST HALF OF A DEVICE. DIP, HEAT, CURE AND THEN CONNECT. OPTION 2 IS TO INSERT THE CONNECTOR AND THEN ADD A TOUCH OF SOLUTION ON TOP OF THE CONNECTOR TO SEAL THE CONNECTOR AREA

TOUCH UP INSTRUCTIONS



1. TOUCH UP CONNECTOR

USE A PIPETTE TO PUT DROPS ON THE HEADS OF MALE END OF CONNECTIONS/PLUGS THAT WILL BE DIRECTLY CONNECTED INTO THE TREATED COMPONENT. ENSURE THE CABLES ARE FULLY SATURATED WITH VX3 SOLUTION AND HEAT CURE THE COMPONENT FOR 1 MINUTE.



2. TOUCH UP CONNECTION AREA

ONCE THE CABLES HAVE DRIED, PLUG IN OR CONNECT THE CABLES INTO THE COATED COMPONENT AND ADD A FEW DROPS USING A PIPETTE TO THE SURROUNDING ATTACHED AREAS.



3. HEAT TO CURE

USE A HEAT GUN AT 194°F(90°C) TO HEAT THE CONNECTION POINTS FOR 1 MINUTE ON EACH SIDE OR 2-5 MINUTES IN A HEAT CURING OVEN. LET THE DEVICE COOL TO ROOM TEMPERATURE.

TOUCH UP COMPLETE.

FIRST AID MEASURES

- **SKIN CONTACT:** IMMEDIATELY FLUSH THE CONTAMINATED CLOTHING AND FLUSH SKIN WITH WATER AND SOAP. IF SIGNS/SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION.
- **EYE CONTACT:** IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND THEN SEEK MEDICAL HELP. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
- **INHALATION:** FOR MASSIVE INHALATION. IMMEDIATELY TRANSFER THE PATIENT TO AN AREA WITH FRESH AIR. IF THE PATIENT STOPS BREATHING, PLEASE PROVIDE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, PROVIDE OXYGEN AND SEEK MEDICAL HELP.
- **INGESTION:** IMMEDIATELY OBTAIN MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

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