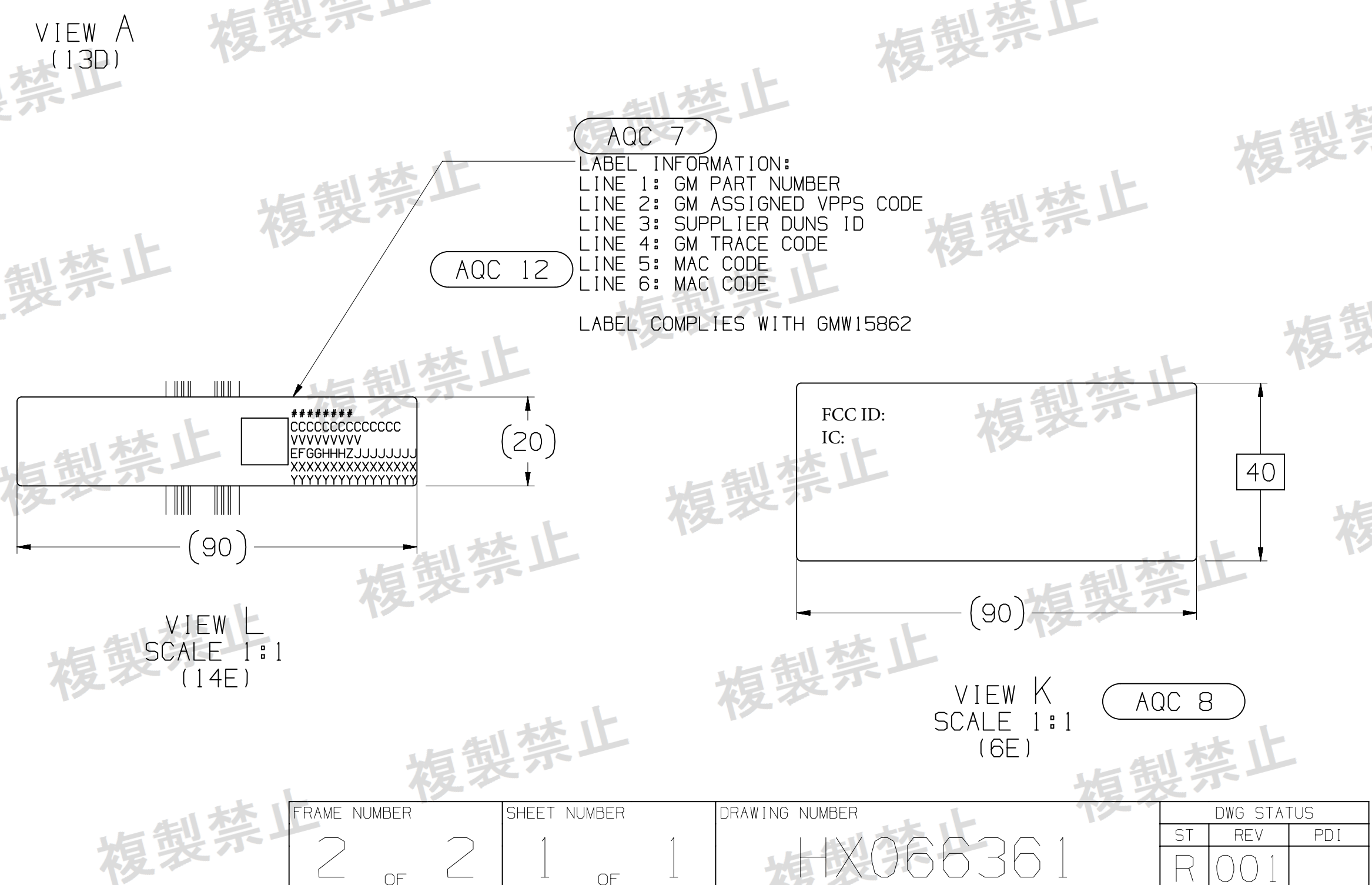
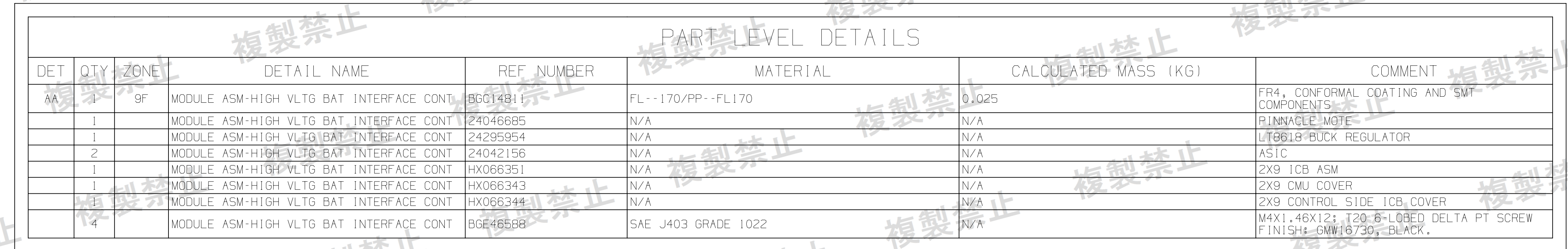


SLAP2X9 PWB: 27025



UNLESS OTHERWISE SPECIFIED:
SCALE 1:1
WHERE DIMENSIONS ARE SPECIFIED ON THE DRAWING, THE DRAWING IS, THE AUTHORITY FOR DIMENSIONAL VARIATIONS.

WHERE DIMENSIONS ARE NOT SPECIFIED ON THE DRAWING, THE DIGITAL MODEL IS THE AUTHORITY FOR DIMENSIONAL VARIATIONS.

DIMENSIONS OBTAINED FROM THE DIGITAL MODEL ARE BASIC:

1. FOR RELATIONSHIPS BETWEEN FEATURES WHEN ESTABLISHED BY GEOMETRIC TOLERANCES.
2. FOR THE FORM OF A FEATURE WHEN CONTROLLED BY A PROFILE TOLERANCE.
3. FOR THE SIZE, FORM AND/OR RELATIONSHIP BETWEEN FIXED DATUM TARGETS.

DIMENSIONS OBTAINED FROM THE DIGITAL MODEL ARE ROUNDED TO TWO DECIMAL PLACES (PER IEEE/ASTM 51 10-2010)

THE DIGITAL MODEL SHOULD CORRESPOND TO THE RELEASE LEVEL SHOWN IN THE PART BLOCK ON THIS DOCUMENT.

PARTS AS DELIVERED TO MACHINING/ASSEMBLY SHALL BE CLEAN AND FREE OF DEBRIS, RESIDUAL ADVERSIVE MATERIAL, AND CORROSION PRODUCTS ABRAASIVELY AFFECTING FUNCTION OR APPEARANCE.

DEBRIS ON FINISHED PARTS SHALL BE REGULARLY MONITORED AND CONTROLLED USING STATISTICAL METHOD ON UPPER CONTROL LIMITS AND PROCEDURES APPROVED BY GLOBAL PROPULSION SYSTEMS MATERIALS ENGINEERING AND DEFINED IN THE SUPPLIER PROCESS CONTROL PLAN

PARTS MUST BE FREE FROM BURRS AND SHARP EDGES, WHICH MIGHT BE DETRIMENTAL TO SATISFACTORY ASSEMBLY, SAFE HANDLING OR FUNCTION OF PART.

FOR SPECIFICATION AND INTERPRETATION OF KCDS BLOCK AND DRAWING SYMBOLS, SEE GM GLOBAL KCDS STANDARD GMW15049 AND GENERAL MOTORS PROCEDURE ETO-114.

NOTES:
BREAK SHARP EDGES 0.5 MAX. REMOVE ALL BURRS. PARTS TO BE FREE OF CRACKS/NOTES 101L, GREASE, ETC.)

RECYCLABILITY REQUIRED PER GMW 3116 1501043

GM DRE MUST APPROVE PARTING LINES, EJECTOR PIN DEPRESSIONS, ENGRAVINGS, DRAFT ANGLES, AND OTHER PROCESSING PART EFFECTS, IF NEEDED FOR MANUFACTURE.

PART MARKING/LABELING REQUIRED PER GMW15850 3.1.12 LOCATION/SIZE/CONTENT MUST BE APPROVED BY GM DESIGN AND RELEASE ENGINEER.

CONFORMAL COATING SHALL BE APPLIED PER IPC A 610 CLASS 3

ENSURE CMU IS FULLY SEATED AND SNAP FITS ARE ENGAGED, BEFORE HEATSTAKING THE CMU.

PROCESS TO INSTALL CMU:
1. CLEAN CMU WITH HEAT STAKES POSTS
2. ENGAGE SNAP-FIT AT LOCATION 1
3. ENGAGE SNAP-FIT AT LOCATION 2

COVER BOLTS TORQUE 1.5Nm $\pm$ 0.15

100% ACCEPTANCE TEST CRITERIA:
HI-POT TEST: CHANNELS ARE ALL SHROUD TOGETHER ENERGIZED, AND HI-POT TESTED WITH RELATION TO GROUND PLANE, THIS SHALL BE DONE AT 1950 VDC FOR 10 SECOND AND SHALL NOT EXCEED 35.6 uA LEAKAGE OR EQUIVALENT

- 2) RESISTANCE TEST: EACH SOLDER JUNT SHALL BE TESTED FOR RESISTANCE. REQUIRED TO BE $\leq$ 2500 mΩ ON CONTROL SIDE AND $\leq$ 2500 mΩ ON CONNECT SIDE
- 3) CUMULATIVE FUNCTIONAL TEST: EACH SOLDER JUNT SHALL BE PERFORMED IN 100% OF THE UNITS VALIDATING CELL VOLTAGE, RSSI, WREFTZ AND NTC READINGS

TEMPERATURE TEST: EACH THERMISTOR SHALL BE TESTED FOR TEMPERATURE MEASUREMENT REPORTED BY CMU DURING WIRELESS NETWORK TEST

ENSURE LABEL IS PRESENT, LEGIBLE AND SECURE TO PART. LABEL CONTAIN FCC IDENTIFIER, CONTACTING OR LOGO ELEMENTS IN THE EXACT ORIENTATION SPECIFIED. FCC CERTIFICATION LABEL REQUIRED PER FCC KDB "GENERAL GUIDELINES FOR LABELING AND OTHER INFORMATION REQUIRED TO BE PROVIDED TO USERS" PHYSICAL FCC ID LABEL MUST BE LOCATED ON THE SURFACE OF THE PRODUCT, OR WITHIN A USER-ACCESSIBLE NON-DETACHABLE COMPARTMENT.

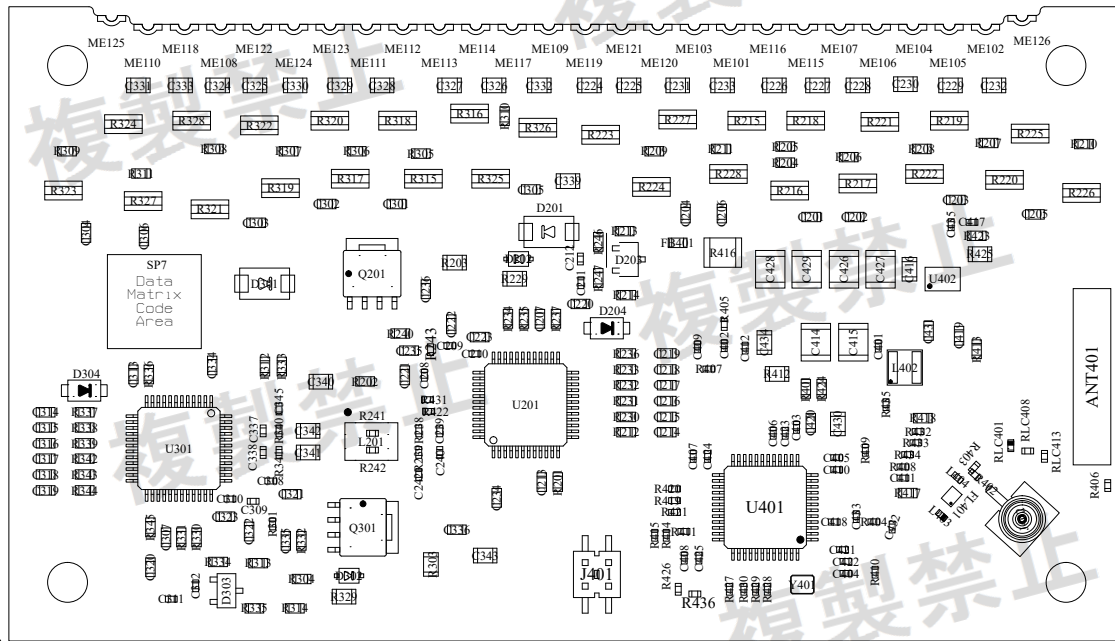
CONFORMAL COATING PRESENCE: APPLY CONFORMAL COATING ON ALL THE BOARD, INCLUDING CASTELLATED VIA INTERFACE WITH FPC EXCEPT KEEP OUT ZONES SHOWN IN CROSS HATCH AREA.

RF POWER: TX POWER SHALL BE $\pm$ 2.0DB COMPARED TO GOLDEN SAMPLE

SIGNAL STRENGTH TEST: SIGNAL STRENGTH (RSSI) SHALL BE $\pm$ 2.0DB COMPARED TO GOLDEN SAMPLE.

HEAT STAKING VERIFICATION: FOUR FORMED AND FUNCTIONAL HEAT STAKE DOMES SHALL BE PRESENT

[illegible]



【SLAP2X9 外觀図、配置図】