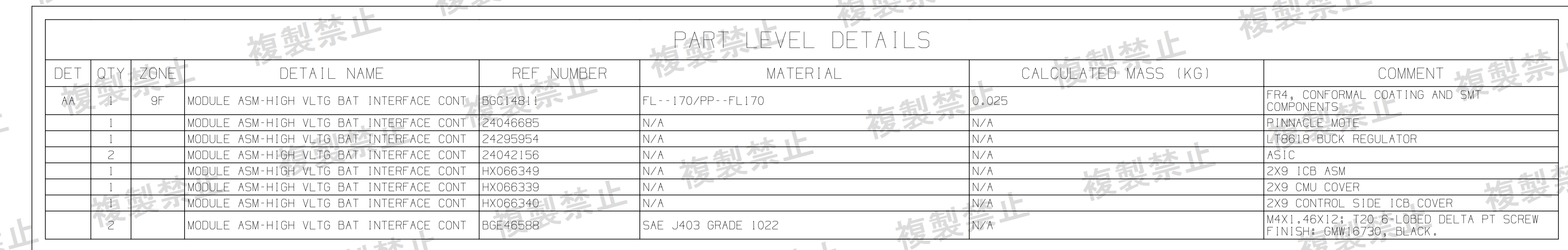


SLAP2X6 PWB: 26902

[illegible]

VIEWS AND TENDS ON THIS DRAWING ARE FOR ASSEMBLY WITH GM S1100-2
 RESTRICTED AND REPORTABLE SUBSTANCE FOR ASSEMBLY GM3039
 THIS DOCUMENT IS AN ADDENDUM DATED 14-10-2015 AS AMENDED BY THE GM 2016
 STANDARD AND IS TO BE USED IN ACCORDANCE WITH GM 3039 FROM 01/01/2016
 REFERENCE TO: GM 3039
 PART: CLUSTER, G-CLASS AND
 REFNO: ALMUHIN IN SARKI
 REFNO: 244242
 CHANGES RESTRICTED TO CLUSTER, G-CLASS AND
 AND MANUAL CHANGES
 FOR FURTHER DRAFTING
 STANDARDS SEE
 ON S1100

METRIC
 DIMENSIONS SHOW IN
 MILLIMETERS UNLESS
 OTHERWISE SPECIFIED

DRAWING NAME: BOARD ASM-CLAT BAT CIRC

SIZE	DRAWING NUMBER	REV	DESCRIPTION	SHEET NUMBER
R	HX066359	R0001	REV (0)	1 of 1

ZONE	DWG STATUS					REVISION HISTORY										AUTH	DR	APVD 1	APVD 2	APVD 3	APVD 4	APVD 5
	DATE	ST	REV	POS	PD1																	
	24.14.23	P	001			INITIAL RELEASE							REB26	GC	AC							

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

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

DIMENSIONS OBTAINED FROM THE DIGITAL MODEL ARE BASIC:

1. FOR RELATIONSHIP 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 FITTED DATUM TARGETS.

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

THE DIGITAL MODEL MUST 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 OIL, GREASE, RESIDUE, ABRAISIVE MATERIAL, AND CORROSION PRODUCTS ADVERSELY AFFECTING FUNCTION OR APPEARANCE.

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

PARTS MUST BE FREE FROM BURRS AND SHARP EDGES, WHICH WOULD 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 GM15049 AND GENERAL MOTORS PROCEDURE ETO-114.

NOTES:
BREAK SHARP EDGES 0.5 MM, REMOVE ALL BURRS. PARTS TO BE FREE OF CONTAMINANTS (OIL, GREASE, ETC.)

RECYCLABILITY REQUIRED PER GM 3118-1501043-1

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 GM15850 3.1.1.2 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 SEALED AND SNAP FITS ARE ENGAGED, BEFORE HEATSTAKING THE CMU.

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

COVER BOLTS TORQUE 1.5NM +/- 0.15

100% CERTIFICATION TEST CRITERIA:
1. HI- POT TEST: ALL CHANNELS ARE ALL SHORDED 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 35.8 uA LEAKAGE OR EQUIVALENT APPROVED BY GM

2. RESISTANCE TEST: EACH SOLDER JUNT SHALL BE TESTED FOR RESISTANCE. REQUIRED TO BE <1500 mΩ ON CONTROL SIDE AND <2500 mΩ ON CONNECT SIDE
3. CMU FUNCTIONAL TEST: FUNCTIONAL WIRELESS TEST SHALL BE PERFORMED IN 100% OF THE UNITS VALIDATING CELL VOLTAGE (VBE), VREF2 AND NTC READINGS

THERMISTOR TESTS 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 IDENTIFICATION OF THE TWO ELEMENTS IN THE EXACT ORDER 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 EASILY ACCESSIBLE NON-DETACHABLE COMPARTMENT.

CONFORMAL COATING PRESENCE: APPV CONFORMAL COATING ON ALL THE BOARD INCLUDING CASTLELATED VIA INTERFACE WITH FCC EXCEPT KEEP OUT ZONES SHOWN IN CROSS HATCH AREA.

RF POWER: TX POWER SHALL BE +2.0DB COMPARED TO GOLDEN SAMPLE

SIGNAL STRENGTH TEST: SIGNAL STRENGTH (RSSI) SHALL BE +2.0DB COMPARED TO -15DBM OR GOLDEN SAMPLE.

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

