



RESEARCH & ENGINEERING ■ 750 MONTE RD ■ BENTON HARBOR, MI 49022

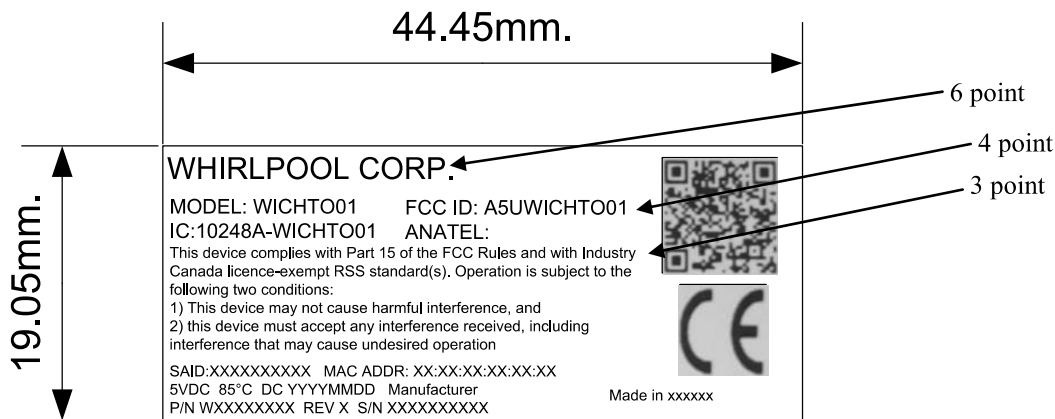
Sample Label for Whirlpool WiFi Module

Overall dimensions 44.05mm x 19.05mm

Font sizes as indicated

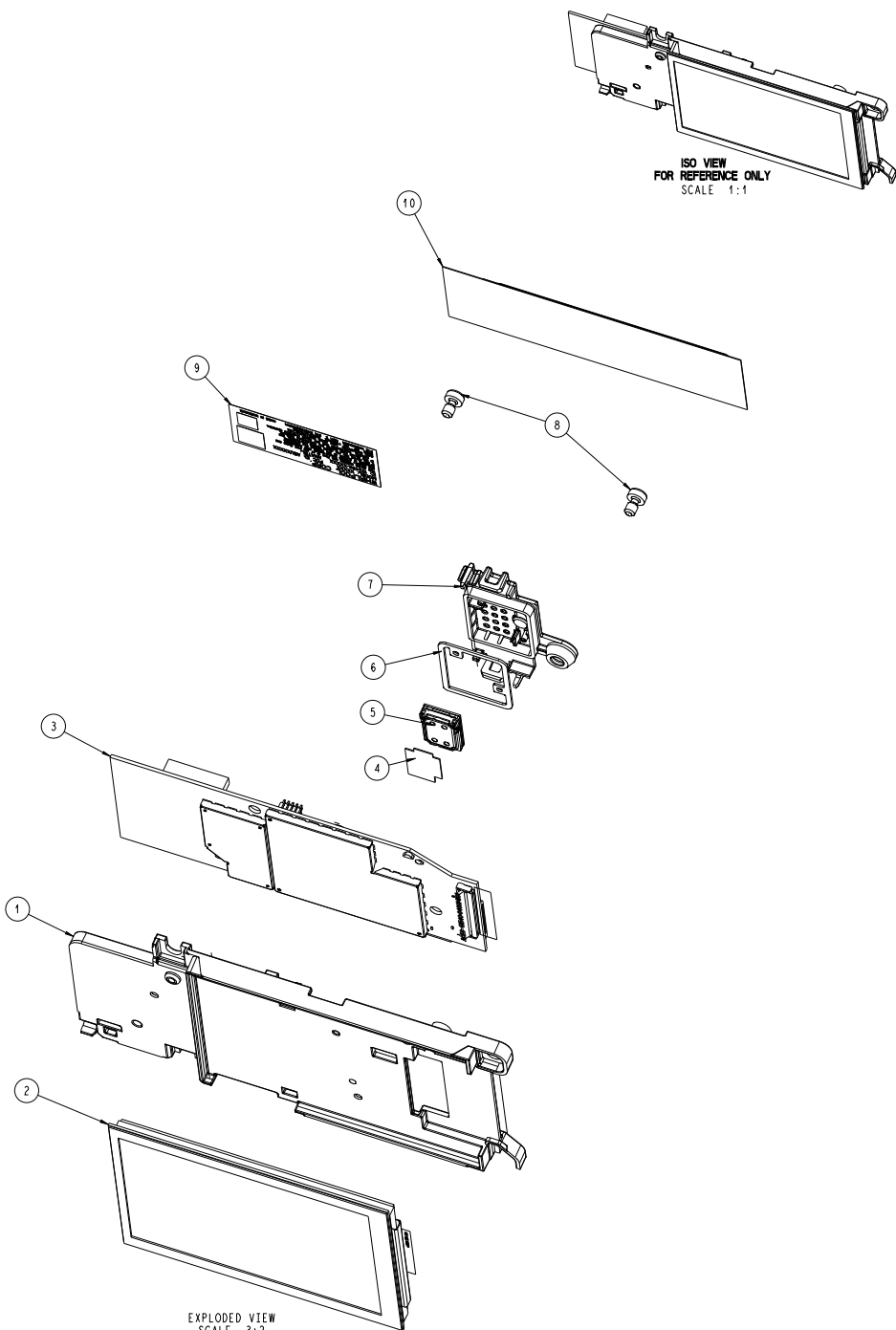
QR code contains SAID and MAC ADDR information 8mm x 8mm

CE mark is 6mm x 6mm



Actual Size

- NOTES:
- PART MARKING:
PARTS TO BE MARKED WITH: "SEE DETAIL B" PER WHIRLPOOL SPEC C033
INFORMATION REQUIRED ON THE BAR CODE
WHIRLPOOL P/N, PART SERIAL NUMBER, & DATE CODE
 - ADHESIVE BACKED LABELS MUST MEET M4 GRADE-2
 - PART REVISIONS REQUIRE WHIRLPOOL ENGINEERING CODES AND LAB APPROVAL.
 - COMPONENT(S) REFERENCED HEREIN SHALL COMPLY WITH WHIRLPOOL'S
CURRENT SPECIFICATIONS, INCLUDING ITS RESTRICTED MATERIALS LIST
SPECIFICATION GES0084 - US & CANADA COLUMN, AND ALL ANNEXES.
 - REWORK - REWORKED BOARDS MUST BE CLEARLY MARK FOR VISUAL IDENTIFICATION
 - COMPLY WITH PE20 ECM TEST REQUIREMENTS SPECIFICATION W10862068
 - SUPPLIER MUST COMPLY WITH GES0168 GENERAL ECM REQUIREMENTS SPECIFICATION.
 - DISPLAY, LIGHTING, SENSOR AND AUDIO PERFORMANCE BOUNDARY SAMPLE
TEST EQUIPMENT PASS/FAIL LIMITS TO BE REVIEWED AND
APPROVED BY WHIRLPOOL ENGINEERING.
 - TIGHTEN SCREWS TO 0.4±0.15 Nm. SCREWS MUST BE FULLY SEATED.
ALL SNAPS MUST BE FULLY ENGAGED
 - RELIABILITY REQUIREMENT
1 YEAR: RELIABILITY 99.5% AT 90% CONFIDENCE
4 YEARS: RELIABILITY 99% AT 90% CONFIDENCE
10 YEARS: RELIABILITY 95% AT 90% CONFIDENCE
 - DISPLAY FPC TO BE FULLY INSERTED TO THE CONNECTOR.
 - WHEN PURCHASED NOT AS PART OF A HMI ASSEMBLY
A. ASSEMBLY MUST CONFORM TO SHIPPING AND STORAGE PER ISTA 3E,
WITH FOLLOWING ATMOSPHERIC CONDITIONS:
EXTREME COLD, UNCONTROLLED RH AT -29°C
HOT, HUMID AT 38°C THEN EXTREME HEAT, MODERATE RH AT 60°C
B. DISPLAY MUST BE COVERED WITH PROTECTIVE FILM WITH PULL TAB FOR REMOVAL.
 - 100% INSPECTION FOR THE FOLLOWING ITEMS:
A. DISPLAY: (CONDITIONS: 0°, LED = 20mA, CENTER, CIE1931)
LUMINANCE (LV): 350cd/m2 MIN, 450cd/m2 TYPICAL
RED R=255±/-0 G=48±28-48 B=23±80-23
GREEN R=98±55-98 G=25±0/-1 B=0±10/-0
BLUE R=0±115/-0 G=0±82/-0 B=255±/-0
WHITE R=187±68/-161 G=209±21/-51 B=254±0/-56
LCD PIXEL DEFECTS PER ISO 13406-2, CLASS-3 GUIDELINES
CONTRAST RATIO (CR): 600 MIN, 800 TYPICAL (CONDITIONS: 0°, CENTER)
ULTRA LOW POWER MODE: 0.1W MAX
MAX OPERATION MODE: 3.5W
B. ON-BOARD SPEAKER:
RATED POWER = 0.5 WATT
SPL 73±2db (0.1W/0.1M AVERAGE AT 2kHz to 5kHz)
IMPEDANCE @ 1kHz = 80HMS±15%
CONE MATERIAL: POLYARYLATE-COMPOUND
OPERATING TEMP. = 0° TO 85°C
STORAGE TEMP. = 0° TO 85°C
C. WIFI:
ANTENNA "A" 802.11B TX PWR: 16±4dBm
ANTENNA "B" 802.11B TX PWR: 16±4dBm
D. DISPLAY UNIFORMITY (DELTA LV): 80% MIN (CONDITIONS: 0°, WHITE)
 - SAID LABEL PLACEMENT
A. WHEN MODULE IS SHIPPED AS PART OF HMI ASSEMBLY:
TEAR OFF "PORTION-1" AND "PORTION-2" ALONG THE PERFORATION.
ADHERE "PORTION-1" IN THE LOCATION SHOWN AND "PORTION-2" OF SAID LABEL
MUST BE PLACED ON HMI ASSEMBLY (REFER HMI ASSEMBLY FOR LOCATION)
THIS "PORTION-2" WILL BE REMOVED AT APPLIANCE MFG. SITE AND
PLACED ON APPLIANCE IN A LOCATION EASILY ACCESSIBLE TO CONSUMER.
B. WHEN MODULE IS SHIPPED AS STANDALONE ASSEMBLY:
TEAR OFF "PORTION-1" AND "PORTION-2" ALONG THE PERFORATION.
ADHERE "PORTION-1" IN THE LOCATION SHOWN AND "PORTION-2" OF SAID LABEL
SHOULD BE TAPED TO DISPLAY PROTECTIVE FILM WITH A REMOVABLE TAPE.
THIS "PORTION-2" WILL BE REMOVED AT APPLIANCE MFG. SITE AND
PLACED ON APPLIANCE IN A LOCATION EASILY ACCESSIBLE TO CONSUMER.



ISO VIEW
FOR REFERENCE ONLY
SCALE 1:1

REV	DESCRIPTION OF CHANGE	LOC	BY	C.N.	DATE
A	RELEASE W10912629, W10912631 AND W10912630	A5-1	BEHEM	2072362	18-AUG-2016
	CHECKED BY	---	SUBRAS		
B	CALLOUT "MYKAR, REAR COVER, PCBA & SPEAKER HIDDEN" WAS REAR COVER, PCBA & SPEAKER HIDDEN	G3-2			
	ADD "ON BOARD-SPKR, MYKAR" TO ASSEMBLY	H5-2	KIREEK	2094313	16-JAN-2017
	UPDATED PART CHART	---			
	W10912631, W10912630 AND W10912629 TO REV B	G1-2			
	CHECKED BY	---	SUBRAS		17-JAN-2017
	DISPLAY, 3-5, GEBL "W1086069 OR W10910307"	H4-2			
	REAR_CVR_TRMLN - W1095074 WAS TRMLN_REAR_CVR_GEBL - W10912634	H6-2			
	21" SCREEN "W1099149" WAS "W10006580 OR EQUIVALENT"	G7-2			
	REMOVED NOTE "REFER P/N W10464871 FOR FAKRA CONNECTOR"	F5-2			
	REMOVED "CONNECTIVITY" COLUMN	H9-2	KIREEK	2095231	04-APR-2017
	REMOVED "BACK VIEW"	F8-2			
	REMOVED NOTE "SNAPS SEE NOTE 9"	F2-2			
	ADDED VIEW C-C	F7-2			
	ADDED CALLOUT DISPLAY & DISPLAY COVER HIDDEN	H7-2			
	DETAIL B ROTATED 90°	F11-2			
	"PART MARKING LABEL" SIZE CHANGE	E11-2			
	ADDED DIM (10.84) & (22.02)	E8-2			
	ADDED CALLOUT DETAIL A	E6-2			
	W10912631, W10912630 AND W10912629 TO REV C	G1-2			
	CHECKED BY	---	SUBRAS		07-APR-2017

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REVISION	THIRD ANGLE PROJECTION	CREATION DATE
DETAIL SCALE	1:1	29-JUL-2016
DO NOT SCALE FROM		DRAWN BY
		BEHEM
DESCRIPTION (ENGLISH)	TRMLN_ASM, GEBL	
DESCRIPTION (LOCAL)	---	
WHIRLPOOL		
Whirlpool Corporation Benton Harbor, MI USA		
DRAWING SIZE	SHEET	DRAWING REV
A1	1 OF 2	W10912629
		C

In some European factories the letter "W" of the part code mentioned herein will be automatically replaced by the number "4000" (e.g. "W12345678" becomes "400012345678")

