



**COMPONENT-MATERIAL
ENGINEERING SPECIFICATION**

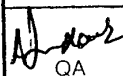
Part No.	800-646-50	REV 03
Ref. Code	404	
U.O.M.	EA	
Engg. Ref.	CH	

Part Description : MICRO CONTROLLER; USER INTERFACE BOARD (UIB)

TO BE USE FOR : CHILLER

CCCCC1-1

PART A : BASIC REQUIREMENTS	
BOARD SUPPLY (Volts/ Hz)	N/A
I/O TERMINAL DETAILS	SERIAL COMMUNICATION PORT
OPERATING TEMPERATURE	0-60°C
STORAGE TEMPERATURE	0-60°C
OPERATING HUMIDITY	90%
STORAGE HUMIDITY	90%

QUALIFIED	
 QA	17/6/06 DATE

ALL DIMENSIONS ARE IN mm				SHEET 1 of 4		SCALE : N.T.S	
Unspecified Tolerance (+,-); Fraction-1/32"; Decimal-0.031"				WRITER	AL-ALI. HUSAIN		
				INITIATOR	JESSIE		
				ENG. CHECK	AHMAD		
03	ADDED CO4	VENDOR P/N	HUSAIN	12-06-06	VERIFIED	Moh'd Al Sayyed	
02	UPDATE SPECS AS PER SPECS FORMAT		HUSAIN	18-09-05	APPROVED	FAWAZ AL-BITAR	
01	ADDED MPO		UMESH	01-02-01	Issue Date	05-06-2000	
REV	Revision Details		Designer	Rev.Date	File Ref.	Ziicnas\Eng-Specs\800\64650	



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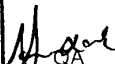
TO BE USE FOR : CHILLER

CCCCC1-2

PART B: REFERENCE DATA

OVERALL SHAPE/ SIZE & MOUNTING DETAILS PLEASE REFER TO THE ATTACHED DRAWING.

PARAMETER	--
BOARD DIMENSIONS	220 x 111mm
BOARD MATERIAL	PCB
ADDITIONAL FEATURES	20x4 CHARACTER LCD DISPLAY; 3 BOARD LEDS; 6 BOARD BUTTONS
PACKING DETAILS	1 PC PER BOX IN A BOX & MUST BE DUST PROOF
VENDOR PART No	01CO1 OR CO4
SOFTWARE REVISION DETAILS	
VENDOR	PROJECT ENGINEERING

QUALIFIED
 17/6/06
 DATE

ALL DIMENSIONS ARE IN mm				SHEET 2 of 4		SCALE : N.T.S	
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CCCCC1-3

PART C : OPERATIONAL REQUIREMENTS)

BOARD SUPPLY	Volts/ Hz	N/A
VENDOR PART No		01CO1 OR CO4
DIGITAL INPUT TERMINALS		N/A
DIGITAL OUTPUT TERMINALS		N/A
ANALOGUE INPUT TERMINALS		SERIAL PORT
ANALOGUE OUTPUT TERMINALS		N/A
ENAMEL COATING		NO COATING
OPERATING TEMPERATURE	DEG C	0-60°C
OPERATING HUMIDITY	% RH	90%

SHAPE AND DIMENSION PLEASE REFER TO ATTACHED DRAWING

**CERTIFICATION ; EN61000-4-4; EN55011; EN61000-4-4; FREQUENCY OF SURMISSION; AFTER ONE
YEAR**

APPROVEDE VENDOR : PROJECT ENGINEERING

QUALIFIED	
M. Kar QA	17/6/06 DATE

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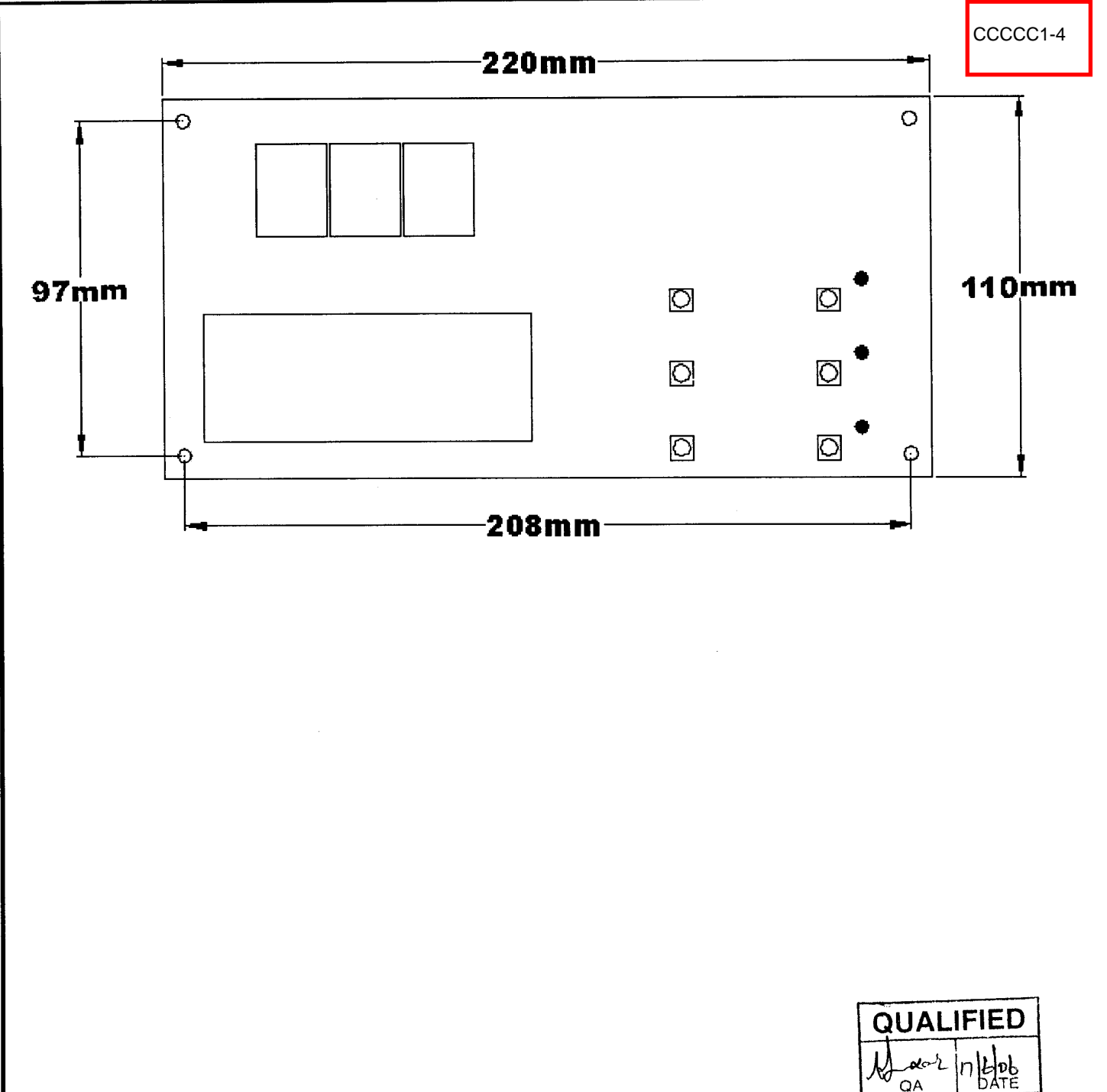


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