



MOTOROLA
Energy Systems Group

Material or Methods Specification

Number: 5488039s
Revision: T2
ECN#: ECNXXX
Date: 12/09/03
Page: 1 of 5

Title: Label, Quadrant

Revision History

Revision	ECN#	Originator	Reason for Change	Date
T1	ECNXXX	Ryan Rye	Release for Quote / Concept	11/25/03
T2	ECNXXX	Ryan Rye	Added C-tick mark and FCC ID #s	12/9/03
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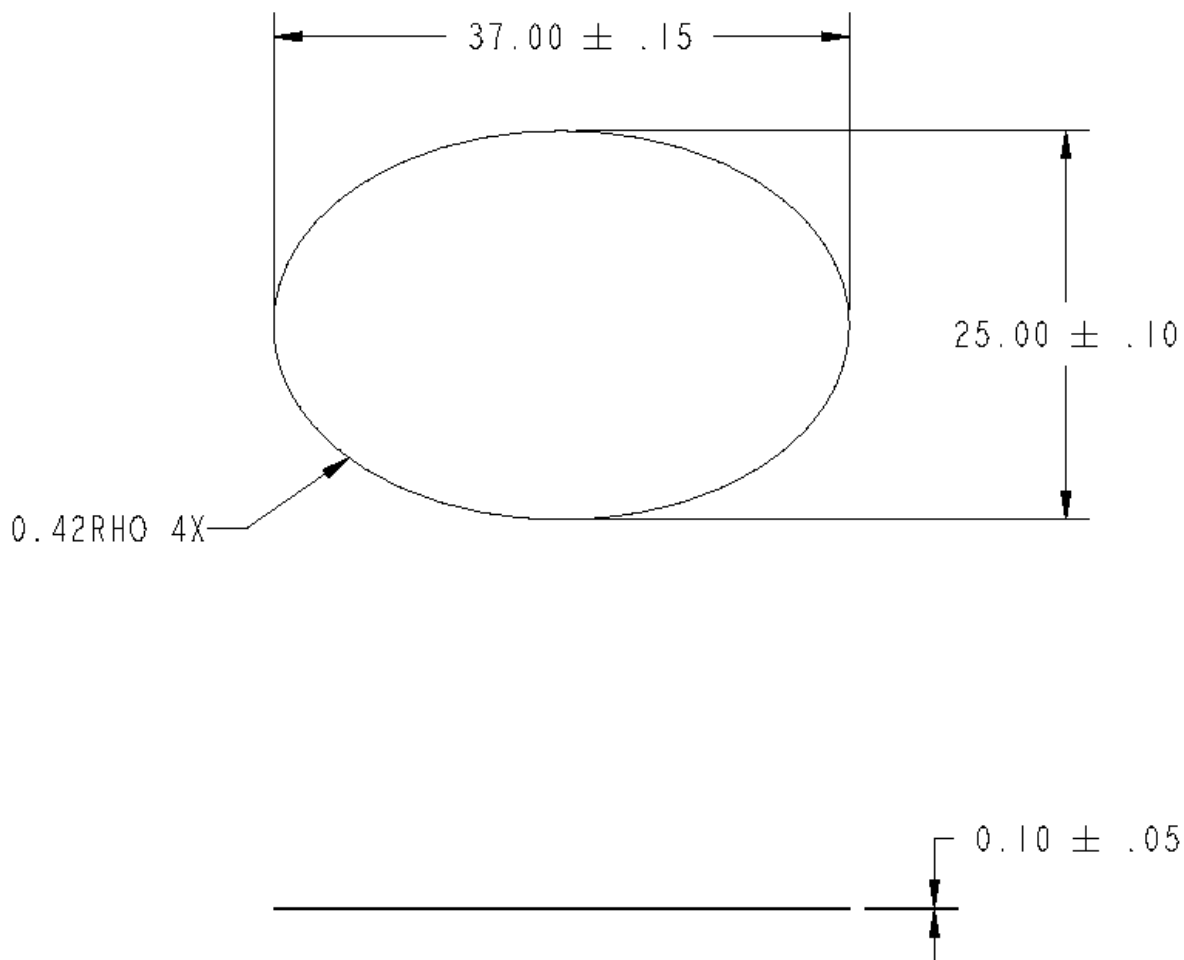
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1.0 PURPOSE AND SCOPE

This document contains specifications for part 5488039s (Label, Quadrant) to be used on the Quadrant Project (APC = 0648, NPR = C885)

2.0 DIMENSIONS



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3.0 ARTWORK

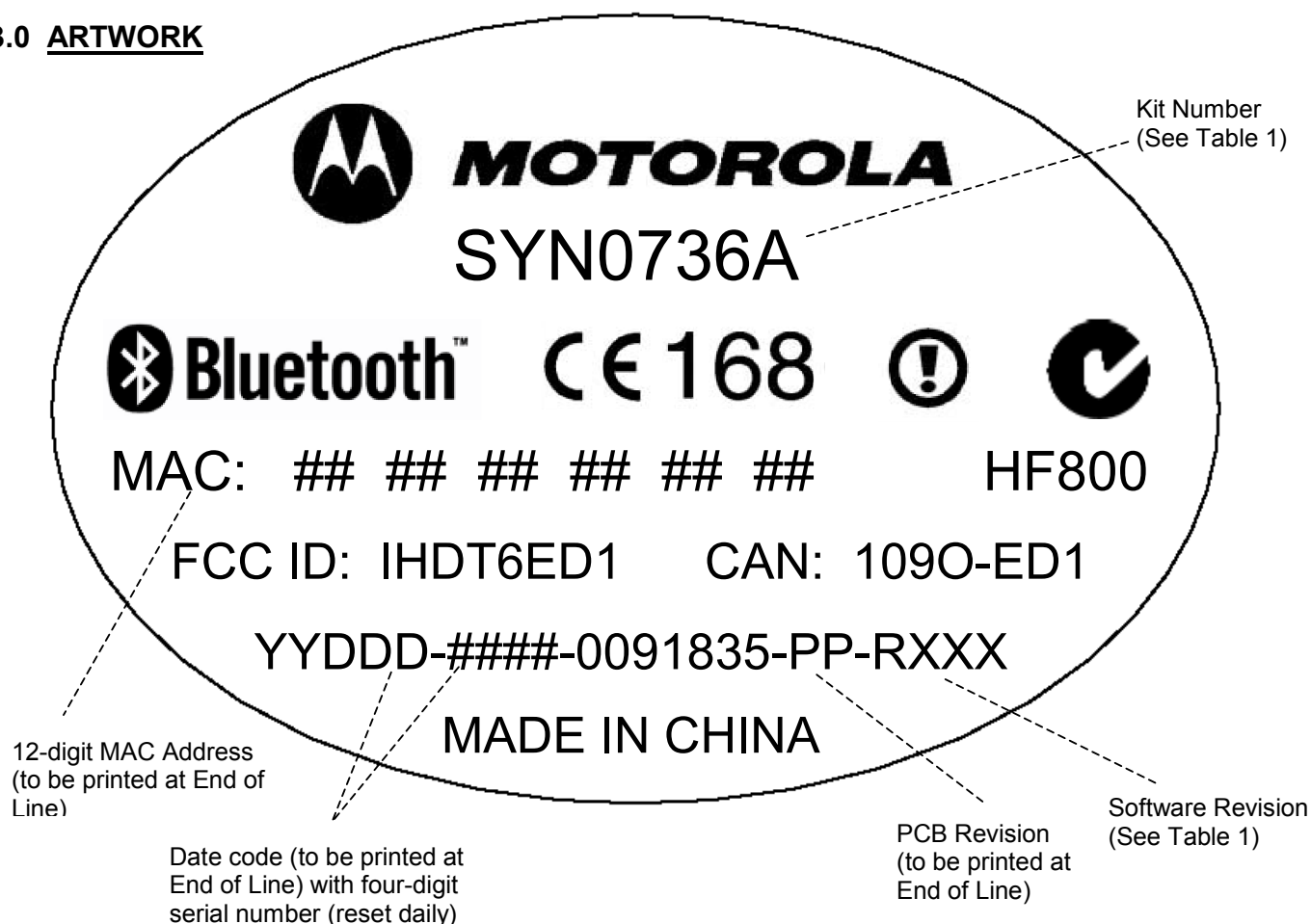


TABLE 1: LABEL TEXT INFORMATION

Label Motorola P/N	Kit Number Text	Software Revision Text
5488039S01	SYN0736A	Rxxx

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4.0 NOTES/REQUIREMENTS

4.1 DESCRIPTION AND APPLICATION: POLYESTER LABEL FOR USE IN ENERGY PRODUCTS EQUIPMENT.

4.2 APPLICABLE DOCUMENTS:

12M13933A01	MOTOROLA RECEIVING BAR CODE SPECIFICATION
12S10601A	MOTOROLA PACKAGING RULES FOR VENDORS
12M80967A78	MOTOROLA VENDOR MATERIAL QUALITY CONTROL
12M04100T26	MOTOROLA REQUIREMENTS FOR PURCHASED COMPONENT APPROVAL
PSTC-1	180j PEEL STRENGTH (PRESSURE SENSITIVE TAPE COUNCIL)

4.3. REQUIREMENTS:

4.3.1. GENERAL:

- 4.3.1.1. PARTS SHALL BE CLEAN AND FREE OF ALL FOREIGN MATTER.
- 4.3.1.2. PACKAGING FOR SHIPMENT: IN ROLL FORM PER 12S10601A AND 1213933A01.
- 4.3.1.3. DIMENSIONING AND TOLERANCING PER ASME Y14.5. DIMENSIONS PER SECTION 2 OF THIS DOCUMENT. A REFERENCE DIM (.XX) HAS NO TOLERANCE IMPLIED.
- 4.3.1.4. PARTS SHALL BE FREE OF FRAYED/RAGGED EDGES.
- 4.3.1.5. PURCHASING CYCLE SHALL NOT EXCEED 6 MONTHS TO AVOID ADHESIVE CURE.
- 4.3.1.6. ALL REFERENCE TO "APPROVAL" BELOW REFERS TO EXPLICIT WRITTEN APPROVAL BY ENERGY SYSTEMS GROUP ENGINEERING AND/OR PURCHASING DEPARTMENT(S).

4.3.2. MATERIALS:

4.3.2.1. FACESTOCK: POLYESTER FILM.

- 4.3.2.1.1. THICKNESS: .002±.0005".
- 4.3.2.1.2. COLOR: WHITE.
- 4.3.2.1.3. ADHESIVE: .0008"-.0010" ACRYLIC BASED PSA WITH SERVICE TEMP. RANGE OF -20 TO 200 DEG F AND 30 OZ./IN. MINIMUM PEEL STRENGTH PER PSTC-1.
- 4.3.2.1.4. MUST NOT ATTACK POLYCARBONATE, PVC, OR POLYOLEFINES.

4.3.2.2. OVERLAMINATE: CLEAR GLOSS THERMALLY IMPRINTABLE POLYESTER.

- 4.3.2.2.1. THICKNESS: .001±.0005". AN ADDITIONAL .001" IS ALLOWED FOR ADHESIVE.

4.3.2.3. BACKING MATERIAL: TREATED FOR EASY PEEL-OFF FROM ADHESIVE.

4.3.2.4. ARTWORK MUST BE APPROVED BY MOTOROLA ENGINEERING OR PURCHASING DEPARTMENTS.

- 4.3.2.4.1. COLOR: WHITE LABEL WITH BLACK TEXT.

- 4.3.2.4.2. SHALL CONFORM TO ESG ARTWORK (SECTION 3.0).

4.3.3. LABEL ORIENTATION:

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- 4.3.3.1. LABEL POSITION ON ROLL: BOTTOM OFF.
- 4.3.3.2. REWIND POSITION: OUTSIDE.
- 4.3.3.3. LABEL QUANTITY: 2,500 PER ROLL. WASTE REMOVED.

4.4. SUPPLIER QUALITY ASSURANCE PROVISIONS:

- 4.4.1. PART QUALIFICATION: THE SUPPLIER SHALL PROVIDE FIRST ARTICLE INSPECTION (FAI) INFORMATION PER 12M04100T26 AND 12M80967A78 IN ENGLISH WITH THE FIRST SAMPLES WHICH ARE REPRESENTATIVE OF PRODUCTION.

- 4.5. EXCEPTIONS: NO CHANGE SHALL BE ALLOWED ON PRODUCTION MATERIAL, REGARDLESS OF WHETHER SUCH CHANGE AFFECTS REQUIREMENTS SPECIFIED HEREIN, WITHOUT PRIOR APPROVAL.

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