

Uppgjord (även faktaansvarig om annan) – Prepared (also subject responsible if other)	Nr - No.	Rev
Peter Malm	10201– SPB620 Marking Instruction	E
Dokansv/Godk - Doc respons/Approved Kontr -	Datum - Date 2023-07-17	File

SPB620 Module Marking Instruction

Revision History

Revision	Revision date	Description
A	2023-05-23	Updated after first review
B	2023-05-24	Minor corrections (font size and tolerance)
C	2023-06-27	Updated serial number structure and placement
D	2023-06-28	Minor corrections
E	2023-07-17	Updated module revision to R3A

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1 Scope

This document defines the laser marking and packing of the SPB620 module and describes the procedure.

2 Marking

2.1 Mechanical outline

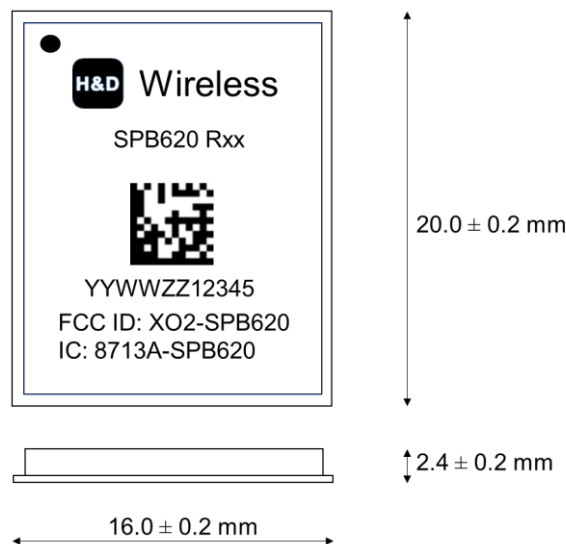


Figure 2.1: Mechanical drawing (not to scale)

2.2 Marking SPB620 package

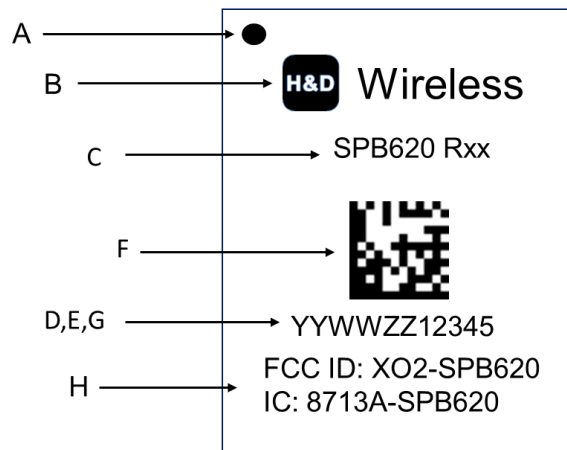


Figure 2.2: SPB620 package marking.

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Ref	Marking	Description
A	Dot	Pin 1 marking (top view)
B	H&D Wireless	Company Logo Square around H&D is 2mm x 2mm
C	SPB620 Rxx	Product name and revision (i.e. R3A), (Font: Arial, 0.7mm)
D	YYWW	Production date. YY= year, WW=week (Font: Arial, 0.7mm)
E	ZZ	Production lot, start on 01, (Font: Arial, 0.7mm)
F	QR code, serial number	Maximum 5 x 5 mm, 11 digits, start with YYWWZZ00001 (no gaps)
G	Serial number	Same as QR code (Font: Arial, 0.7mm, no gaps)
H	FCC ID: XO2-SPB620 IC: 8713A-SPB620	FCC approval number IC approval number (Font: Arial, 0.7mm)

Table 1: Package marking description

The text shall be centered +/- 1.0 mm.

2.3 Labels

The labels for reel, bag and box are identical.

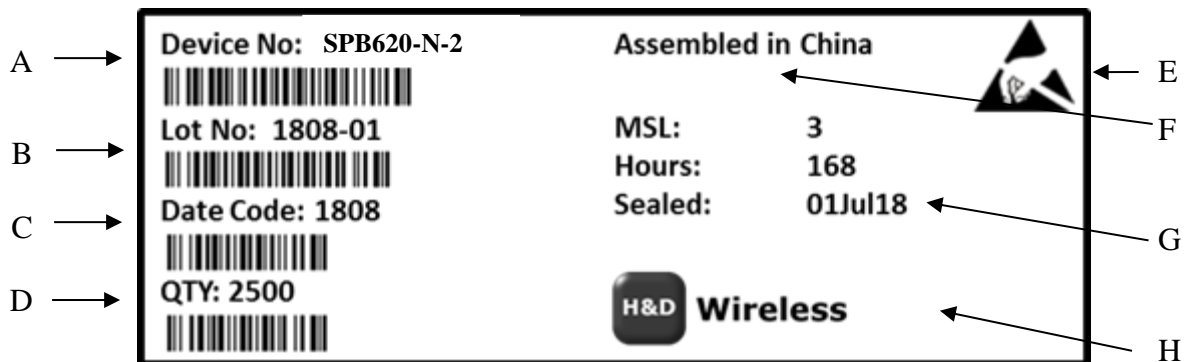


Figure 2.3: SPB228 reel, bag and box label.

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Ref	Item	Value
Size	Approximately 101.5 x 63.5mm	
A	Device No in Text and Bar Code	SPB620-N-2 = product version
B	Lot ID in Text and Bar Code	In-Tech lot number
C	Date code in Text and Bar Code	YYWW-NN (year week - lot)
D	Quantity in Text and Bar Code	
E	ESD Caution	
F	Assembly location	Optional
G	MSL data	Class, Max time out, Seal date
H	Logo	H&D Wireless logo

Table 2: Label marking description

3 Procedure

All handling, baking, packing and shipping of ESD and moisture sensitive components is according to IPC/JEDEC J-STD-033 (MSL3)

- Mark inscription according to 2.2
- Baking according to MSL3
- Tape & reeling 500 pcs/reel, 1000 pcs/reel or 2500 pcs/reel according to EIA-481
- Packing MBB with desiccant pouches, HIC and labels according to the standard.
- Labels. Print and apply labels according to the pictures below.

