



Tape and Reel Specification

Industrial / Automotive e•MMC Memory

Swissbit e•MMC Series
BGA 100 / 153 ball

Date: June 12, 2025
Revision: 1.02

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1. General information

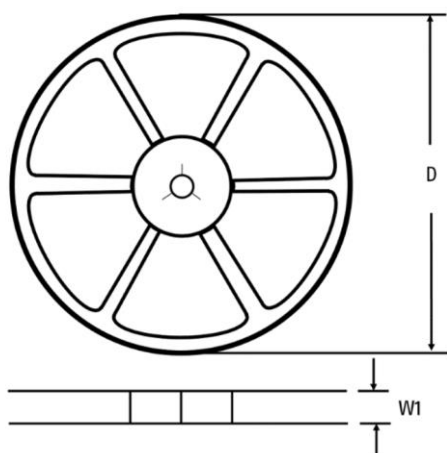
This document describes the T&R packaging of the 100 ball and 153 ball e·MMC.

The Tape and Reel dimension is according to EIA-481-F. One Reel contains 1520 e·MMC units.

Dimension	Description	Value
SPQ	Standard pack quantity	1520 pieces
Leader	Begin of tape with empty pockets	50 pockets/800 mm
Trailer	End of tape with empty pockets	50 pockets/800 mm

2. 100 ball e·MMC

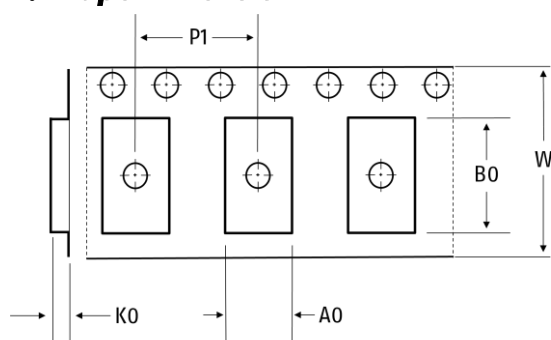
2.1 Reel Dimension



Dimension	Description	Value
D	Reel diameter	330 mm
W1	Reel width	32.4 mm

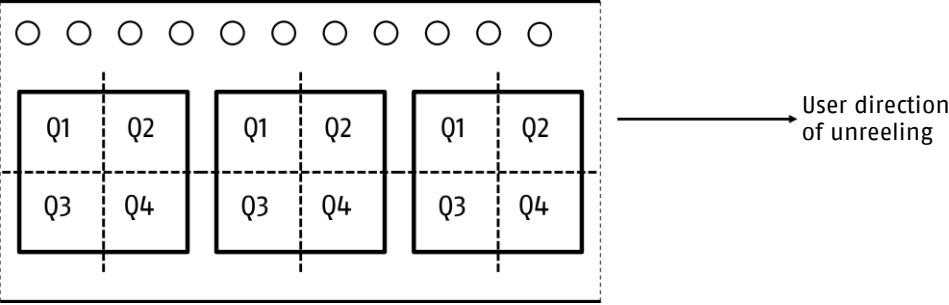
Drive: reel without drive hole with drive spokes.

2.2 Tape Dimension



Dimension	A0	B0	K0	W	P1
Description	Cavity length	Cavity width	Cavity depth	Carrier tape width	Pitch between successive cavity centers
Value	14.4 mm	18.4 mm	1.6 mm	32.0 mm	20.0 mm

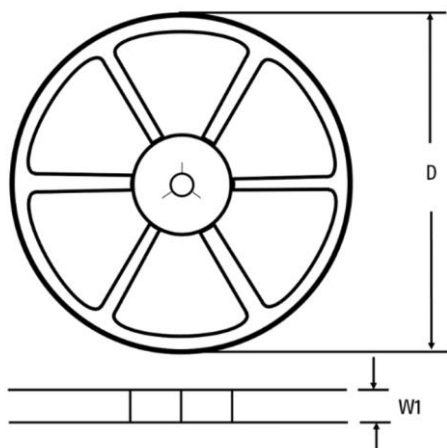
2.3 Pin A1 Orientation



Description	Value
Pin A1 Orientation	Q1

3. 153 ball e•MMC

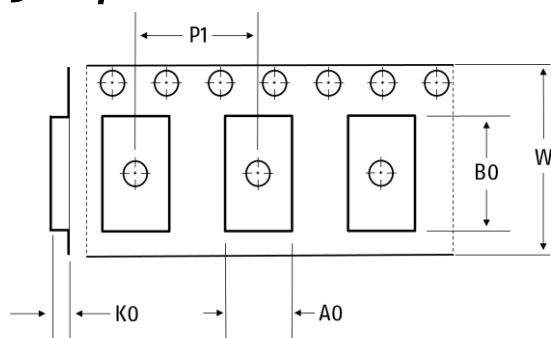
3.1 Reel Dimension



Dimension	Description	Value
D	Reel diameter	330 mm
W1	Reel width	24.4 mm

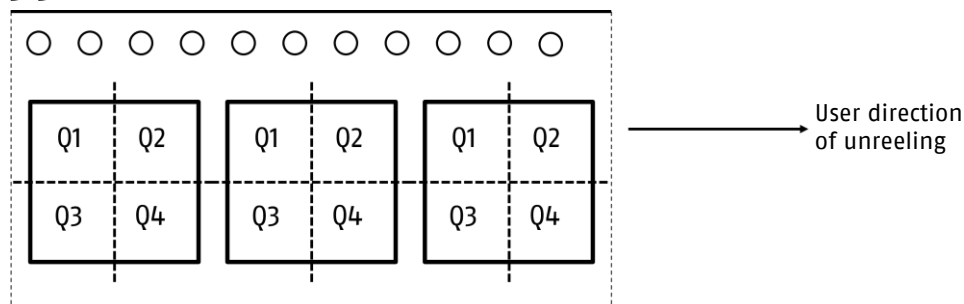
Drive: reel without drive hole with drive spokes.

3.2 Tape Dimension



Dimension	A0	B0	K0	W	P1
Description	Cavity length	Cavity width	Cavity depth	Carrier tape width	Pitch between successive cavity centers
Value	11.9 mm	13.4 mm	1.8 mm	24.0 mm	16.0 mm

3.3 Pin A1 Orientation



Description	Value
Pin A1 Orientation	Q1

4. Revision History

Table 1: Document Revision History

Date	Revision	Description	Revision Details
03 January 2024	1.00	Initial release	Doc. req. no. 6800
15 February 2024	1.01	General information was updated	Doc. req. no. 6893
12 June 2025	1.02	Added 100 ball T&R information	-

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