

Notification about the transfer of the semiconductor business

The semiconductor business of Panasonic Corporation was transferred on September 1, 2020 to Nuvoton Technology Corporation (hereinafter referred to as "Nuvoton"). Accordingly, Panasonic Semiconductor Solutions Co., Ltd. became under the umbrella of the Nuvoton Group, with the new name of Nuvoton Technology Corporation Japan (hereinafter referred to as "NTCJ").

In accordance with this transfer, semiconductor products will be handled as NTCJ-made products after September 1, 2020. However, such products will be continuously sold through Panasonic Corporation.

Publisher of this Document is NTCJ.

If you would find description "Panasonic" or "Panasonic semiconductor solutions", please replace it with NTCJ.

※ Except below description page

"Request for your special attention and precautions in using the technical information and semiconductors described in this book"

Nuvoton Technology Corporation Japan

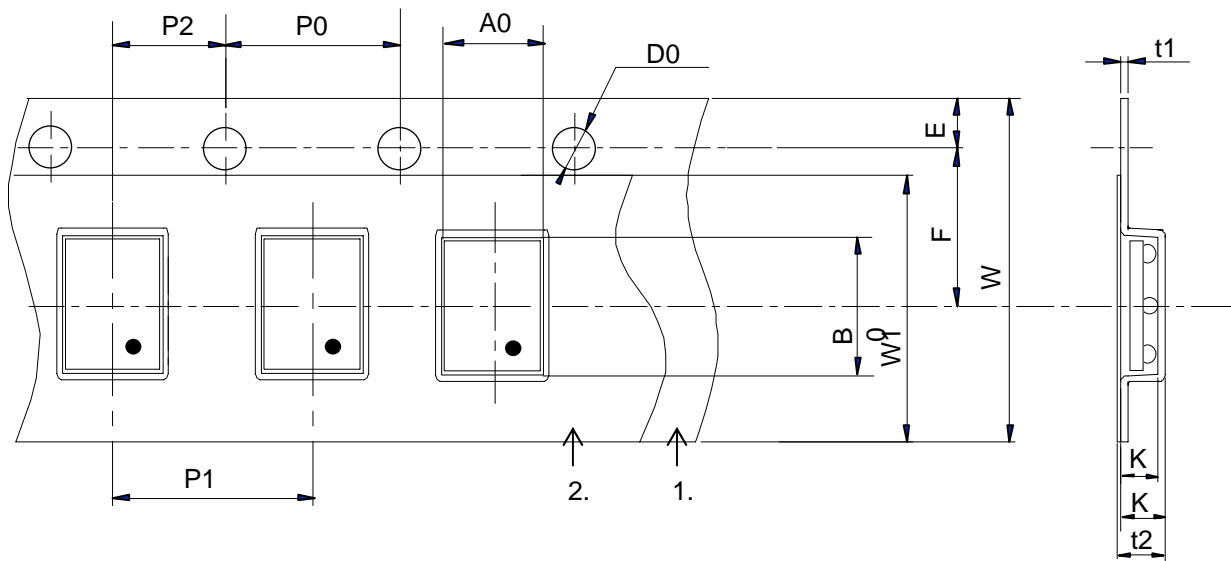
Reference	Tape and reel information	MBGA006-W-1723APA	
		Total pages	page
		2	1

1. Taping Quantity

The standard quantity shall be 5,000 pcs / reel.
5 reels shall be packed in the specified carton case.

2. Taping form and dimensions

Unit : mm



1. Carrier tape
2. Cover tape

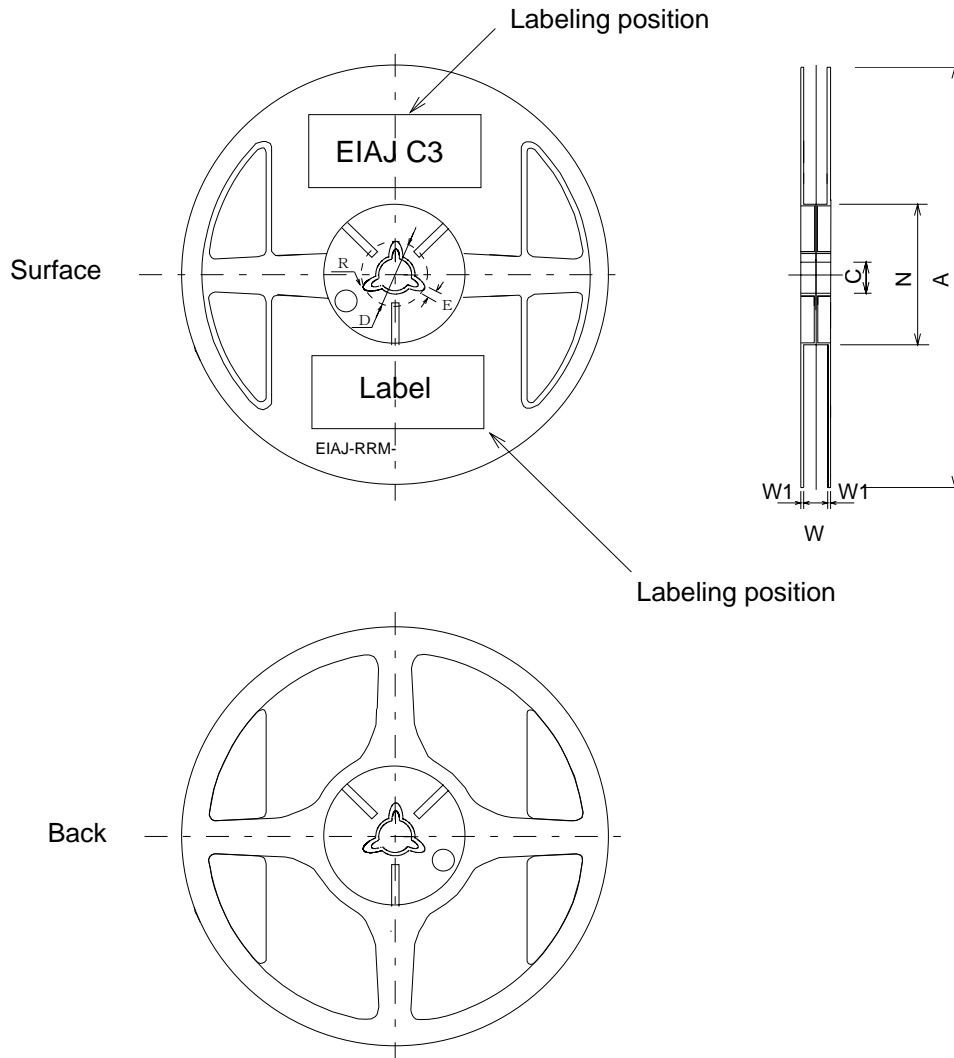
Item	Symbol	Dimensions	Remarks	
Dented square hole for product insertion	Length	A0	1.82±0.05	
	Width	B0	2.47±0.05	
	Depth	K	0.50±0.05	
	Pitch	P1	4.00±0.10	Accumulated error ±0.15max/10 pitches
Sprocket hole	Diameter	D0	1.50+0.1/-0	
	Pitch	P0	4.00±0.10	Accumulated error ±0.15max/10 pitches
	Position	E	1.75±0.10	
Center-to-center distance	Longitudinal	P2	2.00±0.05	
	Traverse	F	3.50±0.05	
Cover tape	Width	W1	5.4±0.10	
Carrier tape	Width	W	8.0±0.20	
	Thickness	t1	0.20±0.05	
Hole outer depth	K1	0.70±0.05		
Total thickness	t2	0.92±0.20		

Note : 1) Radius at each corner shall be 0.25R or less.

Reference	Tape and reel information	MBGA006-W-1723APA	
		Total pages	page
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3. Reel and dimensions

Unit:mm



Item		Symbol	Dimensions	Remarks	
Flange	Diameter	A	180+0.0/-3.0		
	Thickness	W1	1.2		
	Distance between flanges	W	9.0±0.3		
Hub	Outer diameter	N	60+1.0/-0.0		
	Spindle hole diameter	C	13.0±0.2		
	Keyway	Width	E	2.0±0.5	
		Depth	D	21.0±0.8	
	Radius at corner	R	1.0		
Indication of the type		Mark on one side of flange Indicate type name, quantity and serial No. etc.			

Request for your special attention and precautions in using the technical information and semiconductors described in this book

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- (2) The technical information described in this book is intended only to show the main characteristics and application circuit examples of the products. No license is granted in and to any intellectual property right or other right owned by Panasonic Corporation, Nuvoton Technology Corporation Japan or any other company. Therefore, no responsibility is assumed by our company as to the infringement upon any such right owned by any other company which may arise as a result of the use of technical information de-scribed in this book.
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Even when the products are used within the guaranteed values, take into the consideration of incidence of break down and failure mode, possible to occur to semiconductor products. Measures on the systems such as redundant design, arresting the spread of fire or preventing glitch are recommended in order to prevent physical injury, fire, social damages, for example, by using the products.
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