

Ultra-low Ohmic Resistors for Current Detection (Wide terminal type)

PML50
***Under development**

●Features

- 1) Ultra-low resistance range (0.5mΩ-)
 - 2) Wide terminal configuration for high joint reliability.
 - 3) Unique trimless structure utilized for improved current detection accuracy.
- ISO9001- / ISO/TS 16949- approved

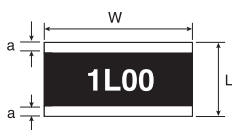
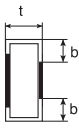
●Tentative specification

Part No.	Size code	Rated power (70°C)	Resistance tolerance	Resistance value (mΩ)	Operating temperature range (°C)
☆ PML50	5025 (2010)	1.5W (2W at 25°C)	J (±5%)	0.5, 1, 1.5, 2, 2.2	−55 to +155

☆ : Under development

The design and specifications are subject to change without prior notice. Before ordering or using, please check the latest technical specifications.

●Dimensions (Unit : mm)

						
Part No.	Size code	L	W	t	a	b
PML50	5025	2.5±0.20	5.0±0.20	0.52 to 0.32*±0.15	0.4±0.20	1.0 to 0.5*±0.20

* : Each value range varies with the resistance.

●Part No. Explanation

P	M	L	5	0	H	Z	P	J	V			
Part No.					Resistance tolerance			Special part number		Nominal resistance		
					J ±5%					Resistance code, 3 digits.		
										Resistance Value		
										3 digits(J)		
										0.5mΩ		
										1mΩ		
										1.5mΩ		
										2mΩ		
										2.2mΩ		

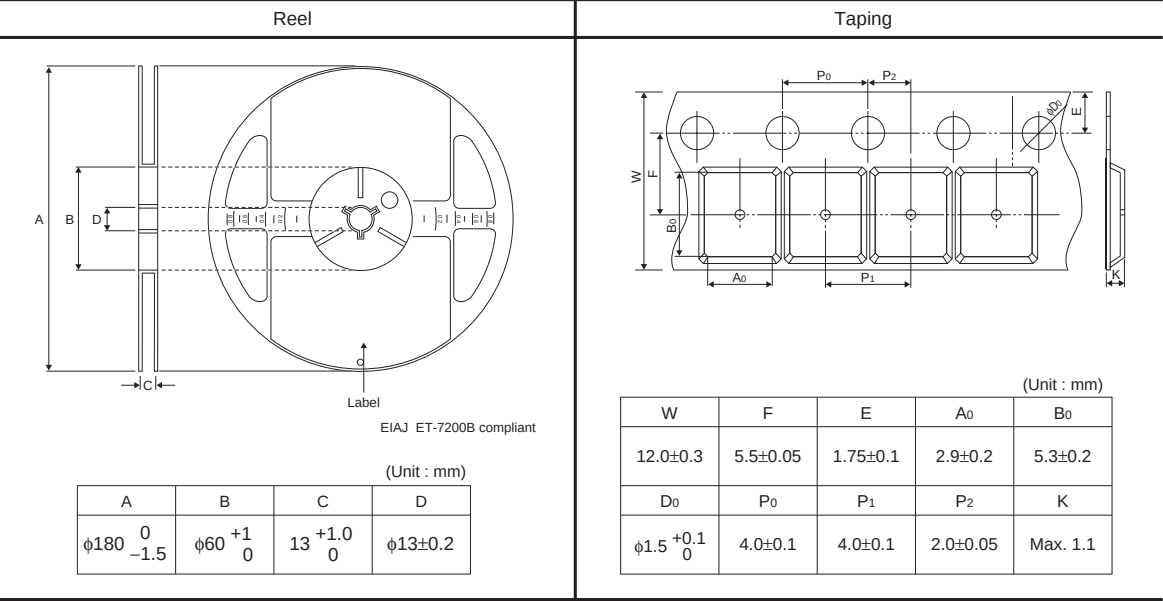
Packaging Specifications Code

Part No.	Code	Resistance tolerance J(±5%)	Packaging specifications	Reel	Basic ordering unit (pcs)
PML50	HZP	☆	Embossed tape (4mm Pitch)	φ180mm (7inch)	2,000

Reel (φ180mm) : Compatible with JEITA standard "EIAJ ET-7200B"

☆ : Under development

●Packaging



Notes

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