

# Ultra-Low Ohmic Resistors for Current Detection

## PMR18

### ●Features

- 1) Ultra low-ohmic resistance range (2mΩ~)
- 2) Lowest height ( $\leq 0.5\text{mm}$ )
- 3) Improved current detection accuracy by trimming-less structure.  
Highly recommended for large current / High speed switching circuit.
- 4) Completely Pb free product
- 5) ISO9001- / ISO/TS 16949-approved

### ●Quick reference

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

Part No.	Size code	Rated power (70°C)	Resistance tolerance	Temperature coefficient (ppm / °C)	Resistance value (mΩ)	Operating temperature range (°C)
<b>PMR18</b>	3216 (1206)	3/4W	F ( $\pm 1\%$ ) J ( $\pm 5\%$ )	$\pm 150$	2, 3, 4, 5, 6, 7, 8, 9, 10	-55 to +155

### ●Dimensions (Unit : mm)

Part No.	Size code	L	W	t	b
<b>PMR18</b>	3216 (1206)	$3.2 \pm 0.15$	$1.6 \pm 0.15$	$0.42 \text{ to } 0.28 \pm 0.15$	$0.9 \text{ to } 0.4 \pm 0.15$

\* : Each value range varies with the resistance.

Resistors

●Part No. Explanation

<b>P</b>	<b>M</b>	<b>R</b>	<b>1</b>	<b>8</b>	<b>E</b>	<b>Z</b>	<b>P</b>	<b>J</b>	<b>V</b>																									
Part No.					Resistance tolerance			Special part number			Nominal resistance																							
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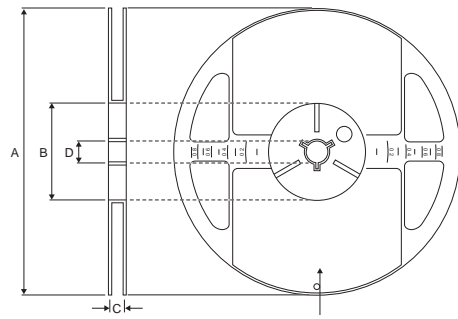
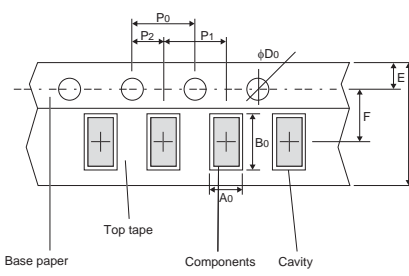
Packaging Specifications Code

Part No.	Code	Resistance tolerance		Packaging specifications	Reel	Basic ordering unit (pcs)
		J(±5%)	F(±1%)			
<b>PMR18</b>	EZP	⊙	⊙	Paper tape (4mm Pitch)	φ180mm (7in.)	5,000

Reel (φ180) : Compatible with JEITA standard "EIAJ ET-7200B"

⊙ : Standard product

●Packaging

Reel	Taping																												
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### Notes

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