

High Power Chip Resistors / Wide Terminal Type 1225, 1020, 0612, 0508

Type: **ERJ A1, B1, B2, B3**



■ Features

- High solder-joint reliability by wide terminal construction
- Excellent heat dissipation characteristics by wide terminal construction
- AEC-Q200 qualified
- RoHS compliant

■ Recommended Applications

- Automotive electronic circuits including ECUs (Electrical control unit), anti-lock breaking systems and air-bag systems
- Current sensing for power supply circuits in a variety of equipment

■ Packaging Methods, Land Pattern, Soldering Conditions and Safety Precautions

Please see Data Files

■ Explanation of Part Numbers

1		2		3		4		5		6		7		8		9		10		11	
E		R		J		A		1		A		J		1		0		2		U	
Product Code		Size, Power Rating				Resistance Value Region				Resistance Tolerance				Packaging Methods							
Thick Film Chip Resistors		Type : inch		Power R.		A		10 Ω ≤ R		F		± 1 %		Code		Packaging		Type			
		A1 : 1225		1.33 W		B		0.22 Ω ≤ R < 10 Ω		G		± 2 %		V		Punched Carrier Taping 4 mm pitch, 5,000 pcs.		ERJB2 ERJB3			
		B1 : 1020		1 W, 2 W (R ≤ 10 Ω)		C		0.01 Ω ≤ R < 0.22 Ω		J		± 5 %		U		Embossed Carrier Taping 4 mm pitch, 5,000 pcs.		ERJB1			
		B2 : 0612		0.75 W, 1 W (R ≤ 10 Ω)		D		0.005 Ω ≤ R < 0.01 Ω								Embossed Carrier Taping 4 mm pitch, 4,000 pcs.		ERJA1			
		B3 : 0508		0.33 W, 0.5 W (R ≤ 1 Ω)																	
Resistance Value																					
Shown by 3 digits or letters. Only when it is impossible, shown by 4 digits or letters.																					
(ex.) 102 : 1.0 kΩ R01 : 0.01 Ω = 10 mΩ																					
4R7 : 4.7 Ω R015 : 0.015 Ω = 15 mΩ																					

■ Construction (Example : ERJA1 type)

