

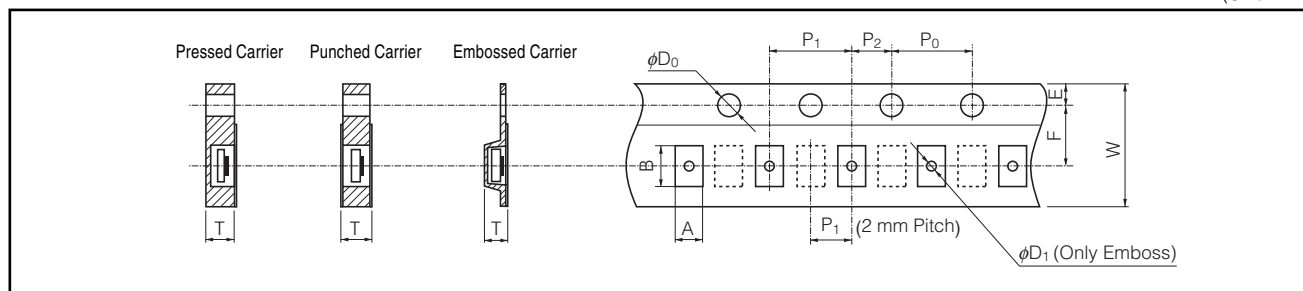
Surface Mount Resistors Series			Packaging (Standard Quantity : pcs./reel)				Page
Products	Type	Size mm (inch)	Pressed Carrier Taping (2 mm pitch)	Punched Carrier Taping (2 mm pitch)	Punched Carrier Taping (4 mm pitch)	Embossed Carrier Taping (4 mm pitch)	
Thick Film Chip Resistors	ERJXGN	0402 (01005)	20000 *	—	—	40000 **	10 to 11
	ERJ1GN	0603 (0201)	15000	—	—	—	
	ERJ2GE	1005 (0402)	—	10000, 20000	—	—	
	ERJ3GE	1608 (0603)	—	—	5000	—	
	ERJ6GE	2012 (0805)	—	—	5000	—	
	ERJ8GE	3216 (1206)	—	—	5000	—	
	ERJ14	3225 (1210)	—	—	—	5000	
	ERJ12	4532 (1812)	—	—	—	5000	
	ERJ12Z	5025 (2010)	—	—	—	5000	
	ERJ1T	6432 (2512)	—	—	—	4000	
Precision Thick Film Chip Resistors	ERJXGN	0402 (01005)	20000	—	—	—	12 to 14
	ERJ1G/1RH/1RK	0603 (0201)	15000	—	—	—	
	ERJ2RH/2RK	1005 (0402)	—	10000	—	—	
	ERJ3RB/3RE/3EK	1608 (0603)	—	—	5000	—	
	ERJ6RB/6RE/6EN	2012 (0805)	—	—	5000	—	
	ERJ8EN	3216 (1206)	—	—	5000	—	
	ERJ14N	3225 (1210)	—	—	—	5000	
	ERJ12N	4532 (1812)	—	—	—	5000	
	ERJ12S	5025 (2010)	—	—	—	5000	
Metal Film Chip Resistors, High Reliability Type	ERA2A	1005 (0402)	—	10000	—	—	15 to 16
	ERA3A	1608 (0603)	—	—	5000	—	
	ERA6A	2012 (0805)	—	—	5000	—	
	ERA8A	3216 (1206)	—	—	5000	—	
Thick Film Chip Resistors/ Low Resistance Type	ERJ2BW	1005 (0402)	10000	—	—	—	17 to 19
	ERJ2B	1005 (0402)	—	10000	—	—	
	ERJ3R/3B/L03	1608 (0603)	—	—	5000	—	
	ERJ6R/6B/L06	2012 (0805)	—	—	5000	—	
	ERJ8R/8B/L08	3216 (1206)	—	—	5000	—	
	ERJ14R/14B/L14	3225 (1210)	—	—	—	5000	
	ERJ12R/L12	4532 (1812)	—	—	—	5000	
	ERJ12Z/L1D	5025 (2010)	—	—	—	5000	
	ERJ1TR	6432 (2512)	—	—	—	4000	
Low Resistance Value Chip Resistors	ERJ1W	6432 (2512)	—	—	—	3000	20 to 21
	ERJM03	1608 (0603)	—	—	5000	—	
High Power Chip Resistors/ Wide Terminal Type	ERJM1W	6432 (2512)	—	—	—	3000	22 to 24
	ERJA1	6432 (2512)	—	—	—	4000	
	ERJB1	5025 (2010)	—	—	—	5000	
	ERJB2	3216 (1206)	—	—	5000	—	
	ERJB3	2012 (0805)	—	—	5000	—	

* W8P2 : Width 8 mm, Pitch 2 mm, ** W4P1 : Width 4 mm, Pitch 1 mm

Surface Mount Resistors Series			Packaging (Standard Quantity : pcs./reel)				Page
Products	Type	Size mm (inch)	Pressed Carrier Taping (2 mm pitch)	Punched Carrier Taping (2 mm pitch)	Punched Carrier Taping (4 mm pitch)	Embossed Carrier Taping (4 mm pitch)	
Anti-Surge Thick Film Chip Resistors	ERJP03	1608 (0603)	—	—	5000	—	25 to 26
	ERJP06	2012 (0805)	—	—	5000	—	
	ERJP08	3216 (1206)	—	—	5000	—	
	ERJP14	3225 (1210)	—	—	—	5000	
Anti-Pulse Thick Film Chip Resistors	ERJT06	2012 (0805)	—	—	5000	—	27 to 28
	ERJT08	3216 (1206)	—	—	5000	—	
	ERJT14	3225 (1210)	—	—	—	5000	
Anti-Sulfurated Thick Film Chip Resistors	ERJU01	0603 (0201)	15000	—	—	—	29 to 30
	ERJS02/U02	1005 (0402)	—	10000	—	—	
	ERJS03/U03	1608 (0603)	—	—	5000	—	
	ERJS06/U06	2012 (0805)	—	—	5000	—	
	ERJS08/U08	3216 (1206)	—	—	5000	—	
	ERJS14/U14	3225 (1210)	—	—	—	5000	
	ERJS12/U12	4532 (1812)	—	—	—	5000	
	ERJS1D/U1D	5025 (2010)	—	—	—	5000	
	ERJS1T/U1T	6432 (2512)	—	—	—	4000	
Chip Resistor Array	EXB14V	0806 (0302)	—	10000	—	—	31 to 33
	EXB24V	1010 (0404)	—	10000	—	—	
	EXB34V	1616 (0606)	—	—	5000	—	
	EXBV4V	1616 (0606)	—	—	5000	—	
	EXB18V	1406 (0502)	—	10000	—	—	
	EXB28V	2010 (0804)	—	10000	—	—	
	EXBN8V	2010 (0804)	—	10000	—	—	
	EXB38V	3216 (1206)	—	—	5000	—	
	EXBV8V	3216 (1206)	—	—	5000	—	
	EXBS8V	5022 (2009)	—	—	—	2500	
	EXB2HV	3816 (1506)	—	—	5000	—	
Chip Resistor Networks	EXBD	3216 (1206)	—	—	5000	—	34 to 35
	EXBE	4021 (1608)	—	—	—	4000	
	EXBA	6431 (2512)	—	—	—	4000	
	EXBQ	3816 (1506)	—	—	5000	—	
Chip Attenuator	EXB14AT	0806 (0302)	—	10000	—	—	36 to 37
	EXB24AT	1010 (0404)	—	10000	—	—	
Fixed Metal (Oxide) Film Resistors	ERG(X)1H	—	—	—	—	2000	38 to 39
	ERG(X)2H	—	—	—	—	1000	

■ Carrier Tape

(Unit : mm)



■ Pressed Carrier Taping (2 mm Pitch)

● Rectangular Type

(Unit : mm)

Type	Size mm (inch)	A	B	W	F	E	P ₁	P ₂	P ₀	ϕD_0	T
ERJXGN	0402(01005)	$0.24^{+0.03}_{-0.03}$	$0.45^{+0.03}_{-0.03}$	$8.00^{+0.20}_{-0.20}$	$3.50^{+0.05}_{-0.05}$	$1.75^{+0.10}_{-0.10}$	$2.00^{+0.10}_{-0.10}$	$2.00^{+0.05}_{-0.05}$	$4.00^{+0.10}_{-0.10}$	$1.50^{+0.10}_{-0.10}$	$0.31^{+0.05}_{-0.05}$
ERJ1GN ERJ1R□ ERJU01	0603 (0201)	$0.38^{+0.05}_{-0.05}$	$0.68^{+0.05}_{-0.05}$								$0.42^{+0.05}_{-0.05}$
ERJ2BW	1005(0402)	$0.67^{+0.10}_{-0.10}$	$1.17^{+0.10}_{-0.10}$								$0.61^{+0.05}_{-0.05}$

■ Punched Carrier Taping (2 mm Pitch)

● Rectangular Type

(Unit : mm)

Type	Size mm (inch)	A	B	W	F	E	P ₁	P ₂	P ₀	ϕD_0	T
ERJ2□ ERJS02 ERJU02 ERA2A	1005 (0402)	$0.67^{+0.05}_{-0.05}$	$1.17^{+0.05}_{-0.05}$	$8.00^{+0.20}_{-0.20}$	$3.50^{+0.05}_{-0.05}$	$1.75^{+0.10}_{-0.10}$	$2.00^{+0.10}_{-0.10}$	$2.00^{+0.05}_{-0.05}$	$4.00^{+0.10}_{-0.10}$	$1.50^{+0.10}_{-0.10}$	$0.52^{+0.05}_{-0.05}$

● Chip Resistor Array / Chip Attenuator

(Unit : mm)

Type	Size mm (inch)	A	B	W	F	E	P ₁	P ₂	P ₀	ϕD_0	T
EXB14V EXB14AT	0806 (0302)	$0.70^{+0.10}_{-0.05}$	$0.95^{+0.05}_{-0.10}$	$8.00^{+0.20}_{-0.20}$	$3.50^{+0.05}_{-0.05}$	$1.75^{+0.10}_{-0.10}$	$2.00^{+0.10}_{-0.10}$	$2.00^{+0.05}_{-0.05}$	$4.00^{+0.10}_{-0.10}$	$1.50^{+0.10}_{-0.10}$	$0.52^{+0.05}_{-0.05}$
EXB18V	1406(0502)		$1.60^{+0.10}_{-0.10}$								
EXB24V EXB24AT	1010 (0404)	$1.20^{+0.10}_{-0.10}$	$1.20^{+0.10}_{-0.10}$								
EXB28V EXBN8V	2010 (0804)		$2.20^{+0.10}_{-0.10}$								

■ Punched Carrier Taping (4 mm Pitch)

● Rectangular Type

(Unit : mm)

Type	Size mm (inch)	A	B	W	F	E	P ₁	P ₂	P ₀	ϕD_0	T
ERJ3□ ERJ3BW ERJ□03 ERA3A	1608 (0603)	$1.10^{+0.10}_{-0.10}$	$1.90^{+0.10}_{-0.10}$	$8.00^{+0.20}_{-0.20}$	$3.50^{+0.05}_{-0.05}$	$1.75^{+0.10}_{-0.10}$	$4.00^{+0.10}_{-0.10}$	$2.00^{+0.05}_{-0.05}$	$4.00^{+0.10}_{-0.10}$	$1.50^{+0.10}_{-0.10}$	$0.70^{+0.05}_{-0.05}$
ERJ6□ ERJ□06 ERJB3 ERA6A	2012 (0805)	$1.65^{+0.15}_{-0.15}$	$2.50^{+0.20}_{-0.20}$								$0.84^{+0.05}_{-0.05}$
ERJ6BW	2012(0805)	$1.55^{+0.15}_{-0.15}$	$2.30^{+0.20}_{-0.20}$								
ERJ8□ ERJ8BW ERJ□08 ERJB2 ERA8A	3216 (1206)	$2.00^{+0.15}_{-0.15}$	$3.60^{+0.20}_{-0.20}$								

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

● Chip Resistor Array / Chip Resistor Networks

(Unit : mm)

Type	Size mm (inch)	A	B	W	F	E	P ₁	P ₂	P ₀	φD ₀	T
EXB34V	1616(0606)	1.95 ^{±0.15}	1.95 ^{±0.20}	8.00 ^{±0.20}	3.50 ^{±0.05}	1.75 ^{±0.10}	4.00 ^{±0.10}	2.00 ^{±0.05}	4.00 ^{±0.10}	1.50 ^{±0.10} ₋₀	0.70 ^{±0.05}
EXB38V	3216(1206)		3.60 ^{±0.20}								0.84 ^{±0.05}
EXB2HV	3816(1506)		4.10 ^{±0.15}								
EXBV4V	1616(0606)		1.95 ^{±0.20}								
EXBV8V	3216(1206)	2.00 ^{±0.20}	3.60 ^{±0.20}	8.00 ^{±0.20}	3.50 ^{±0.05}	1.75 ^{±0.10}	4.00 ^{±0.10}	2.00 ^{±0.05}	4.00 ^{±0.10}	1.50 ^{±0.10} ₋₀	0.84 ^{±0.05}
EXBD	3216(1206)		3.60 ^{±0.20}								0.84 ^{±0.10}
EXBQ	3816(1506)		1.90 ^{±0.20}								0.64 ^{±0.05}

■ Embossed Carrier Taping (1 mm Pitch)

● Rectangular Type

(Unit : mm)

Type	Size mm (inch)	A	B	W	F	E	P ₁	P ₂	P ₀	φD ₀	T
ERJXGN	0402(01005)	0.25 ^{±0.05}	0.45 ^{±0.05}	4.00 ^{±0.20}	1.80 ^{±0.05}	0.90 ^{±0.10}	1.00 ^{±0.10}	1.00 ^{±0.10}	2.00 ^{±0.10}	0.80 ^{±0.10}	0.5 max.

■ Embossed Carrier Taping (4 mm Pitch)

● Rectangular Type

(Unit : mm)

Type	Size mm (inch)	A	B	W	F	E	P ₁	P ₂	P ₀	φD ₀	T	φD ₁
ERJ14□ ERJ□14	3225 (1210)	2.80 ^{±0.20}	3.50 ^{±0.20}	8.00 ^{±0.30}	3.50 ^{±0.05}	1.75 ^{±0.10}	4.00 ^{±0.10}	2.00 ^{±0.05}	4.00 ^{±0.10}	1.50 ^{±0.10} ₋₀	1.00 ^{±0.10}	1.00 ^{±0.10} ₋₀
ERJ12□ ERJ□12	4532 (1812)	3.50 ^{±0.20}	4.80 ^{±0.20}	12.00 ^{±0.30}	5.50 ^{±0.20}							1.5 min.
ERJ12Z ERJ12S ERJ□1D ERJB1	5025 (2010)	2.80 ^{±0.20}	5.30 ^{±0.20}									
ERJ1T□ ERJ□1T	6432 (2512)	3.60 ^{±0.20}	6.90 ^{±0.20}									
ERJL1W				1.60 ^{±0.10}								
ERJM1W				1.50 ^{±0.20}								
ERJA1		3.50 ^{±0.20}	6.80 ^{±0.20}	1.10 ^{±0.20}								

● Chip Resistor Array / Chip Resistor Networks

(Unit : mm)

Type	Size mm (inch)	A	B	W	F	E	P ₁	P ₂	P ₀	φD ₀	T	φD ₁
EXBS8V	5022(2029)	2.80 ^{±0.20}	5.70 ^{±0.20}	12.00 ^{±0.30}	5.50 ^{±0.20}	1.75 ^{±0.10}	4.00 ^{±0.10}	2.00 ^{±0.05}	4.00 ^{±0.10}	1.50 ^{±0.10} ₋₀	1.6 max.	1.5 min.
EXBE	4021(1608)	2.50 ^{±0.20}	4.40 ^{±0.20}								1.10 ^{±0.20}	
EXBA	6431(2512)	3.50 ^{±0.20}	6.80 ^{±0.20}									

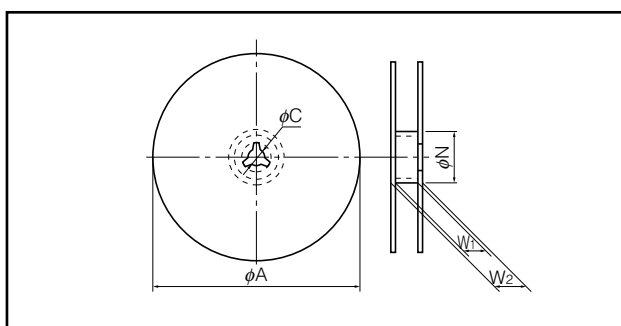
● Fixed Metal (Oxide) Film Resistors

(Unit : mm)

Type	A	B	W	F	E	P ₁	P ₂	P ₀	φD ₀	T	φD ₁
ERG(X)1H	6.20 ^{±0.20}	13.70 ^{±0.20}	24.0 ^{±0.30}	11.50 ^{±0.10}	1.75 ^{±0.10}	8.00 ^{±0.10}	2.00 ^{±0.10}	4.00 ^{±0.10}	1.50 ^{±0.10} ₋₀	5.70 ^{±0.10}	1.5 min.
ERG(X)2H	7.00 ^{±0.20}	16.20 ^{±0.20}				12.00 ^{±0.10}				6.40 ^{±0.10}	

■ Taping Reel

(Unit : mm)



Unit: mm

Tape Width(W)	ϕA	ϕN	ϕC	W_1	W_2
4mm Width	$180.0^{+3.0}$	$60.0^{+1.0}_{-0}$	$13.0^{\pm 0.2}$	$4.5^{+0.5}$	$7.0^{+0.5}$
8mm Width	$180.0^{+0}_{-1.5}$			$9.0^{+1.0}_{-0}$	$11.4^{\pm 1.0}$
12mm Width				$13.0^{+1.0}_{-0}$	$15.4^{\pm 1.0}$
24mm Width	$380.0^{\pm 2.0}$	$80.0^{\pm 1.0}$		$25.4^{\pm 1.0}$	$29.4^{\pm 1.0}$