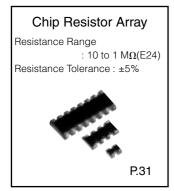
Size mm (inch)		Power Rating (70°C)(W)	0.01 0.1	Resistance I	Range (Ω)	100k	1M	10M	Standard Resistance Value	Category Temp. Range (°C)	Туре	Series	Page
0402	±1	0.031						-	E24,E96	-55 to +125	ERJXGN	Precision	12
(01005)	±5	0.031							E24	-55 to +125	ERJXGN	General	10
	±0.5	0.05						I	E24,E96	-55 to +125	ERJ1RH/1RK	Precision	12
	. 4	0.05						I I	E24,E96	-55 to +125	ERJ1GN	Precision	12
0603 (0201)	±1	0.05	1 1					1	E24,E96	-55 to +125	ERJU01	Anti- Sulfurated	29
	. E	0.05	1 1			1			E24	-55 to +125	ERJ1GN	General	10
	±5	0.05	1 1					i	E24	-55 to +125	ERJU01	Anti- Sulfurated	29
	±0.1	0.063					 	I I	E24	-55 to +155	ERA2A	Metal Film, High Reliability	15
	±0.5	0.063						I I	E24,E96	-55 to +125	ERJ2RH/2RK	Precision	12
	±0.5	0.063					1	1	E24	-55 to +155	ERA2A	Metal Film, High Reliability	15
		0.125 (0.166)	. – –		 	- - -	   	!	E24	-55 to +125	ERJ2BQ	Low Resistance	Ifurated   29   etal Film,   Reliability   15   ecision   12   etal Film,   Reliability   15   ecision   17   ecision   12   ecision   12   ecision   12   ecision   12   ecision   12   ecision   17   ecision   18   ecision   19   ecision   15   ecision   15   ecision   12   ecision   17   ecision   18   ecision   18   ecision   19   ecision   19   ecision   10   ecision   10
	±1	0.1	1 1		1 1	T		I I	E24,E96	-55 to +155	ERJ2RK	Precision	12
1005		0.1	 		-	-		I I	E24,E96	-55 to +155	ERJS02/U02	Anti- Sulfurated	29
(0402)	±2	0.125 (0.25)				1	1	1	E24	-55 to +155	ERJ2BW	Low Resistance	17
	±∠	0.125 (0.166)				-	   	1	E24	-55 to +125	ERJ2BS/2BQ	Low Resistance	17
		0.125 (0.25)		i i i i		I I	 	I I	E24	-55 to +155	ERJ2BW	Low Resistance	17
	±5	0.125 (0.166)				1 1	 	 	E24	-55 to +125	ERJ2BS/2BQ	Low Resistance	17
	±Ο	0.1							E24	-55 to +155	ERJ2GE	General	10
		0.1							E24	-55 to +155	ERJS02/U01	Anti- Sulfurated	29
	±0.05	0.1		 			 	-   	E24	-55 to +155	ERA3A	Metal Film, High Reliability	15
	±0.1	0.1	1 1		1 1		1	1	E24	-55 to +155	ERA3A	Metal Film, High Reliability	15
		0.1					1	I	E24	-55 to +155	ERA3A	Metal Film, High Reliability	15
	±0.5	0.063 (0.1)	1 1						E24,E96	-55 to +125	ERJ3RB/3RE	Precision	12
		0.2						i	E24,E96	-55 to +155	ERJP03	Anti-Surge	25
		0.1 (0.2)		1 1 1		i I	1	i i	Each 1 mΩ	-55 to +125	ERJL03	Low Resistance	17
		0.25		1 I I 1 I I		I I	] ]	I I	E24	-55 to +155	ERJ3BW	Low Resistance	17
		0.2 (0.25)				I I	1	I I	E24	-55 to +125	ERJ3BS/3BQ	Low Resistance	17
		0.1				1	1	1	E24	-55 to +125	ERJ3RS/3RQ	Low Resistance	17
1608 (0603)	±1	0.25				i I	i i	i	10 mΩ	-55 to +155	ERJM03	Metal Plate	20
		0.1	1 I 1 I			-		I I	E24,E96	-55 to +155	ERJ3EK	Precision	12
		0.2						I I	E24,E96	-55 to +155	ERJP03	Anti-Surge	25
		0.1	1 1					1	E24,E96	-55 to +155	ERJS03/U03	Anti- Sulfurated	29
		0.25		1 1 1		i	l I	i	E24	-55 to +155	ERJ3BW	Low Resistance	17
	±2	0.2 (0.25)			i i	i I	 	İ	E24	-55 to +125	ERJ3BS/3BQ	Low Resistance	17
		0.1			I I	I I	l l	I I	E24	-55 to +125	ERJ3RS/3RQ	Low Resistance	17
		0.1 (0.2)		1 1 1	1 1	I I	I I	I I	Each 1 mΩ	-55 to +125	ERJL03	Low Resistance	17
	±5	0.25		1 1 1		1	1	1	E24	-55 to +155	ERJ3BW	Low Resistance	17
		0.2		<del> </del>	<del>                                     </del>		_					Low	-

		Power Rating		Resi	istance Ran	ge (Ω)				Standard Resistance	Category Temp.	Туре	Series	Page
(inch)	(%)	(70°C)(W)	0.01 0.1	1 10	100 1k	10k	100k	1M	10M	Value	Range (°C)		Low	<del> </del>
		0.1					 	 	 	E24	-55 to +125	ERJ3RS/3RQ	Resistance	17
1608		0.25		 	 	 	<u> </u>	<u> </u>		10 mΩ	-55 to +155	ERJM03	Metal Plate	20
(0603)	±5	0.1	1 1		1 1	<u>'</u>	<u> </u>			E24	-55 to +155	ERJ3GE	General	10
		0.2	i i	<u> </u>				_	i	E24	-55 to +155	ERJP03	Anti-Surge	25
		0.1			<u> </u>			ļ		E24	-55 to +155	ERJS03/U03	Anti- Sulfurated	29
	±0.05	0.125	1 1	I I		,		l I	 	E24	-55 to +155	ERA6A	Metal Film, High Reliability	15
	±0.1	0.125		I I						E24	-55 to +155	ERA6A	Metal Film, High Reliability	15
		0.125	1 1		<u> </u>					E24	-55 to +155	ERA6A	Metal Film, High Reliability	15
	±0.5	0.1	 I I						i L	E24,E96	-55 to +125	ERJ6RB/6RE	Precision	12
		0.25	1 I 1 I						l I	E24,E96	-55 to +155	ERJP06	Anti-Surge	25
		0.125 (0.25)		 		 	 	1	 	Each 1 mΩ	-55 to +125	ERJL06	Low Resistance	17
		0.33		1 1	1 1					E24	-55 to +155	ERJ6BW	Low Resistance	17
		0.25 (0.33)			i i	i	i	i	i	E24	-55 to +125	ERJ6BS/6BQ	Low Resistance	17
	±1	0.125	1			<u> </u> 	 	l I	 	E24	-55 to +125	ERJ6RS/6RQ	Low Resistance	17
		0.125	1 1						 	E24,E96	-55 to +155	ERJ6EN	Precision	12
		0.25	1 1			<u>'</u>				E24,E96	-55 to +155	ERJP06	Anti-Surge	25
		0.33 (0.5)			i i	i I	i	i I	i	E24	-55 to +155	ERJB3	High Power	22
2012		0.125	I I I I						l I	E24,E96	-55 to +155	ERJS06/U06	Anti- Sulfurated	29
(0805)	±2	0.33			1 1			!	!	E24	-55 to +155	ERJ6BW	Low Resistance	17
		0.25 (0.33)			1 1	i I	i	i	i	E24	-55 to +125	ERJ6BS/6BQ	Low Resistance	17
		0.125	1			l I	I I	I I	I I	E24	-55 to +125	ERJ6RS/6RQ	Low Resistance	17
		0.33 (0.5)			1 1	1				E24	-55 to +155	ERJB3	High Power	22
		0.125 (0.25)		1 1	1 1	l I	İ			Each 1 mΩ	-55 to +125	ERJL06	Low Resistance	17
		0.33		 I I		i I	i	i	i	E24	-55 to +155	ERJ6BW	Low Resistance	17
		0.25 (0.33)	1			I	I	I	I	E24	-55 to +125	ERJ6BS/6BQ	Low Resistance	17
		0.125		<u> </u>	1 1	1		!	!	E24	-55 to +125	ERJ6RS/6RQ	Low Resistance	17
	±5	0.125	1 1							E24	-55 to +155	ERJ6GE	General	10
		0.25	1 I I I						i I	E24	-55 to +155	ERJP06	Anti-Surge	25
		0.25	1 1		1 1	1	1		1	E24	-55 to +155	ERJT06	Anti-Pulse	27
		0.33 (0.5)					<del> </del>		!	E24	-55 to +155	ERJB3	High Power	22
		0.125	1 1		1 1		-			E24	-55 to +155	ERJS06/U06	Anti- Sulfurated	29
	±0.1	0.25		 	1 1	i	i		<del>-                                    </del>	E24	-55 to +155	ERA8A	Metal Film,	15
		0.25		!	-					E24	-55 to +155	ERA8A	High Reliability  Metal Film,  High Reliability	15
0040	±0.5	0.33		: =					<u>                                     </u>	E24,E96	-55 to +155	ERJP08	Anti-Surge	25
3216 (1206)		0.25				     	     	I I	<u> </u>	Each	-55 to +125	ERJL08	Low	17
	±1	(0.33) 0.5		, , , , , , , , , , , , , , , , , , ,		-   	- <del> </del> 	1	- <del> </del> 	1 mΩ E24	-55 to +155	ERJ8BW	Low	17
		(1) 0.33		-	1 1	<u> </u>	-	<u> </u>		E24	-55 to +125	ERJ8BS/8RS	Resistance Low	17
		(0.5)		<u> </u>	1 1	I	I	ı	ı		00 10 7 120	25525/0110	Resistance	<u> </u>

		I								Ctondord	<u> </u>	I		
Size mm (inch)	Tolerance (%)	Power Rating (70°C)(W)	0.01 0.1	1 10	sistance Ran 100 1k	ge (Ω) 10k	100k	1M	10M	Standard Resistance Value	Category Temp. Range (°C)	Туре	Series	Page
		0.25				i	i	i .	<u> </u>	E24	-55 to +125	ERJ8RS/8RQ	Low Resistance	17
		0.25	ii	; [					i	E24,E96	-55 to +155	ERJ8EN	Precision	12
	±1	0.33	i i						i	E24,E96	-55 to +155	ERJP08	Anti-Surge	25
		0.75 (1)		· ·	I I		1		i I	E24	-55 to +155	ERJB2	High Power	22
		0.25	I I I I				-		l I	E24,E96	-55 to +155	ERJS08/U08	Anti- Sulfurated	29
		0.5 (1)		1 I 1 I	1 I 1 I	I I	I I	l I	l	E24	-55 to +155	ERJ8BW	Low Resistance	17
	±2	0.33 (0.5)				 	 	1	 	E24	-55 to +125	ERJ8BS/8BS	Low Resistance	17
	±∠	0.25					-	1	l	E24	-55 to +125	ERJ8RS/8RQ	Low Resistance	17
3216		0.75 (1)							İ	E24	-55 to +155	ERJB2	High Power	22
(1206)		0.25 (0.33)				i	i	İ	İ	Each 1 mΩ	-55 to +125	ERJL08	Low Resistance	17
		0.5			I I I	I I	I I	I I	l I	E24	-55 to +155	ERJ8BW	Low Resistance	17
		0.33 (0.5)			l I l I	l I	I I	I I	1	E24	-55 to +125	ERJ8BS/8BQ	Low Resistance	17
		0.25			I I	I	l I	I	I	E24	-55 to +125	ERJ8RS/8RQ	Low Resistance	17
	±5	0.25	1 1					_		E24	-55 to +155	ERJ8GE	General	10
		0.33			+ +			<u>'</u>		E24	-55 to +155	ERJP08	Anti-Surge	25
		0.33	1 1						i	E24	-55 to +155	ERJT08	Anti-Pulse	27
		0.75 (1)							İ	1mΩ Step /E24	-55 to +155	ERJB2	High Power	22
		0.25			1 1			÷		E24	-55 to +155	ERJS08/U08	Anti- Sulfurated	29
	±0.5	0.5	1 1						I	E24,E96	-55 to +155	ERJP14	Anti-Surge	25
	±1	0.33			1 1	1	ı	ı	ı	Each 1 mΩ	-55 to +125	ERJL14	Low Resistance	17
		0.5					!		l I	E24	-55 to +125	ERJ14BS/14BQ	Low Resistance	17
		0.25			1 1		1		İ	E24	-55 to +125	ERJ14RS/14RQ	Low Resistance	17
		0.5	1 1						İ	E24,E96	-55 to +155	ERJ14N	Precision	12
		0.5	1 1						l l	E24,E96	-55 to +155	ERJP14	Anti-Surge	25
		0.5	1 1	1		I			I	E24,E96	-55 to +155	ERJS14/U14	Anti- Sulfurated	29
3225		0.5			1 1	1			ı	E24	-55 to +125	ERJ14BS/14BQ	Low Resistance	17
(1210)	±2	0.25			1 1	<u> </u>			İ	E24	-55 to +125	ERJ14RS/14RQ	Low Resistance	17
		0.33			1 1	<u> </u>	i		İ	Each 1 mΩ	-55 to +125	ERJL14	Low Resistance	17
		0.5		<del>i i</del>	i i	i	i	i I	i I	E24	-55 to +125	ERJ14BS/14BQ	Low Resistance	17
		0.25				I	I	I	1	E24	-55 to +125	ERJ14RS/14RQ	Low Resistance	17
	±5	0.5	1 1							E24	-55 to +155	ERJ14Y	General	10
		0.5	1 1		+ +		1			E24	-55 to +155	ERJP14	Anti-Surge	25
		0.5							İ	E24	-55 to +155	ERJT14	Anti-Pulse	27
		0.5	1 1							E24	-55 to +155	ERJS14/U14	Anti- Sulfurated	29
		0.5				     	   	I I	   	Each 1 mΩ	-55 to +125	ERJL12	Low Resistance	17
		0.5				l I	i I	I I	l	E24	-55 to +125	ERJ12RS/12RQ	Low Resistance	17
4532 (1812)	±1	0.75	1 1						I	E24,E96	-55 to +155	ERJ12N	Precision	12
(1012)		0.75			1 1	1	1			E24,E96	-55 to +155	ERJS12/U12	Anti- Sulfurated	29
	±2	0.5		<u> </u>	1 1		<del> </del>			E24	-55 to +125	ERJ12RS/12RQ	Low	17
		I		1							l	I	i iooiotarioe	

	Tolerance	Power Rating					stance	_	, ,				Standard Resistance	Category Temp.	Type	Series	Page
(inch)	(%)	(70°C)(W) 0.5	0.01	0.1	1 	10	100 I	1k	10k	100k	1M T	10M	Value Each	Range (°C)  -55 to +125	ERJL12	Low	17
4532 (1812)		0.5			-	-		-	+		-		1 mΩ E24	-55 to +125	ERJ12RS/12RQ	Resistance Low	17
	±5	0.75					<u> </u>	<u> </u>	÷	<u> </u>	<u> </u>		E24	-55 to +155	ERJ12Y	Resistance General	10
		0.75		<del>-</del>	=							=	E24	-55 to +155	ERJS12/U12	Anti-	29
		0.5	ı	$\forall$			1	1	-		1	7	Each	-55 to +125	ERJL1D	Sulfurated Low	17
		0.5	I	$\overline{}$		<del>-</del>	<u> </u>	1	1	<u> </u>	<u> </u>	<u> </u>	1 mΩ E24	-55 to +125	ERJ12ZS/12ZQ	Resistance Low	17
	±1	0.75		<u> </u>	İ		-			1		 	E24,E96	-55 to +155	ERJ12S	Resistance Precision	12
		1 (2)	F24 55 to 1155	ERJB1	High Power	22											
		(2) 0.75					1			-		<del> </del>	E24,E96	-55 to +155	ERJS1D/U1D	Anti- Sulfurated	29
5025		0.5		=			!	1	!	!		!	E24	-55 to +125	ERJ12ZS/12ZQ	Low Resistance	17
(2010)	±2	1 (2)											E24	-55 to +155	ERJB1	High Power	22
		0.5	İ		i	i I	i I	i I	i	i I	i I	i I	Each 1 mΩ	-55 to +125	ERJL1D	Low Resistance	17
		0.5	1		_		l I	I I	I I	I	I I	l I	E24	-55 to +125	ERJ12ZS/12ZQ	Low Resistance	17
	±5	0.75	ı	I		ı	-	-					E24	-55 to +155	ERJ12ZY	General	10
		1 (2)									1	ı	E24	-55 to +155	ERJB1	High Power	22
		0.75				<u> </u>							E24	-55 to +155	ERJS1D/U1D	Anti- Sulfurated	29
		1	i		i	i	i	İ	i	i	İ	i	Each 1 mΩ	-55 to +125	ERJL1W	Low Resistance	17
		1	I				i I	I I	i I	İ	İ	İ	E24	-55 to +125	ERJ1TRS/1TRQ	Low Resistance	17
		1	1	1	 		,	-	<u> </u>	<u> </u>		 	E24,E96	-55 to +155	ERJ1TN	Precision	12
	±1	1		I I	l I	l l	l I	I I	I I	l I	l l	l l	*	-55 to +170	ERJM1W	Metal Plate	20
		1.33								I I	 	 	E24	-55 to +155	ERJA1	High Power	22
		1		1									E24,E96	-55 to +155	ERJS1T/U1T	Anti- Sulfurated	29
6432	±2	1	i				-	1	1				E24	-55 to +125	ERJ1TRS/1TRQ	Low Resistance	17
(2512)	ΞZ	1.33					·	·		i I	İ	İ	E24	-55 to +155	ERJA1	High Power	22
		1	I		I	ı	l I	I I	I I	I I	l l	I I	Each 1 mΩ	-55 to +125	ERJL1W	Low Resistance	17
		1	ı				1	I I	I I	I	I I	l I	E24	-55 to +125	ERJ1TRS/1TRQ	Low Resistance	17
	<b>1</b> 5	1	ı	I									E24	-55 to +155	ERJ1TY	General	10
	±5	1		ı	İ			1	1		1	ı	*	-55 to +170	ERJM1W	Metal Plate	20
		1.33											E24	-55 to +155	ERJA1	High Power	22
		1	Ī	i									E24	-55 to +155	ERJS1T/U1T	Anti- Sulfurated	29

\* 1, 1.5, 2, 3, 4, 5, 6, 10, 15,20 mΩ



## Chip Resistor Networks Resistance Range $: 47 \text{ to } 1 \text{ M}\Omega(\text{E12})$ $: 100 \text{ to } 470 \text{ k}\Omega(\text{E6})$ Resistance Tolerance : $\pm 5\%$

