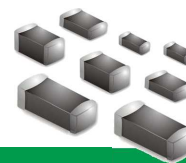


Multilayer Chip Inductors – PACMS SERIES



AEC-Q200 Qualified models available.

Feature

The PACMS series can be used on high current circuits due to its low DC resistance. It can deal with DC-3A maximum on the power line.

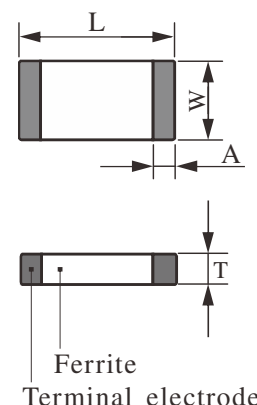
Application

This series is suitable for EMI suppression of the high DC current power line. For example:

1. Various power lines of electronic equipment.
2. Mother board, tablet PC, notebook, desktop computers and peripheral equipment.
3. DSC, DVC, LCD Television, Set Top Box.
4. Digital communication equipment.
5. Various automotive electronics.

Dimensions

Unit: mm/ (Inch)

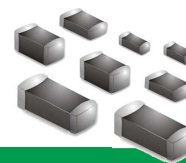


TYPE	L	W	T	A
PACMS100505	1±0.05 (0.039±0.002)	0.5±0.05 (0.02±0.002)	0.5±0.05 (0.02±0.002)	0.1~0.3 (0.004~0.012)
PACMS160808	1.6±0.15 (0.063±0.006)	0.8±0.15 (0.031±0.006)	0.8±0.15 (0.031±0.006)	0.2~0.6 (0.008~0.024)
PACMS201209	2±0.2 (0.079±0.008)	1.25±0.2 (0.049±0.008)	0.9-0.2/+0.15 (0.035-0.008/+0.006)	0.2~0.8 (0.008~0.031)
PACMS321611	3.2±0.2 (0.126±0.008)	1.6±0.2 (0.063±0.008)	1.1±0.2 (0.043±0.008)	0.4~1 (0.016~0.039)
PACMS451616	4.5±0.2 (0.177±0.008)	1.6±0.2 (0.063±0.008)	1.6±0.2 (0.063±0.008)	0.6~1 (0.024~0.039)

Ratings

Type: PACMS100505

PART NO	IMPEDANCE (Ω) AT100 MHz 500mV	DC RESISTANCE (Ω) Max	※ RATED CURRENT (mA) Max
PACMS100505A100 2A	10±25%	0.03	2000
PACMS100505A121 2A	120±25%	0.055	2000
PACMS100505A121 RDC09	120±25%	0.09	1200
PACMS100505A300 2.2A	30±25%	0.035	2200
PACMS100505A600 1.5A	60±25%	0.075	1500



Multilayer Chip Inductors – PACMS SERIES

Ratings

Type: PACMS160808

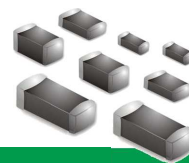
PART NO	IMPEDANCE (Ω) AT100 MHz 500mV	DC RESISTANCE (Ω) Max	※ RATED CURRENT (mA) Max
PACMS160808A101	100±25%	0.04	3000
PACMS160808A102 1A	1000±25%	0.25	1000
PACMS160808A121	120±25%	0.04	3000
PACMS160808A152 1A	1500±25%	0.25	1000
PACMS160808A221 2A	220±25%	0.08	2000
PACMS160808A300	30±25%	0.04	3000
PACMS160808A301 1A	300±25%	0.2	1000
PACMS160808A471 1A	470±25%	0.25	1000
PACMS160808A600	60±25%	0.04	3000
PACMS160808A601 1A	600±25%	0.3	1000
PACMS160808A601 2A	600±25%	0.1	2000

Type: PACMS201209

PART NO	IMPEDANCE (Ω) AT100 MHz 500mV	DC RESISTANCE (Ω) Max	※ RATED CURRENT (mA) Max
PACMS201209A102 1A	1000±25%	0.3	1000
PACMS201209A121	120±25%	0.05	3000
PACMS201209A152 1A	1500±25%	0.3	1000
PACMS201209A301	300±25%	0.05	3000
PACMS201209A600	60±25%	0.04	3000
PACMS201209A601 2A	600±25%	0.1	2000
PACMS201209H100	10±25%	0.03	3000

Type: PACMS321611

PART NO	IMPEDANCE (Ω) AT100 MHz 500mV	DC RESISTANCE (Ω) Max	※ RATED CURRENT (mA) Max
PACMS321611A102 1A	1000±25%	0.3	1000



Multilayer Chip Inductors – PACMS SERIES

Ratings

Type: PACMS321611

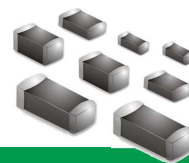
PART NO	IMPEDANCE (Ω) AT100 MHz 500mV	DC RESISTANCE (Ω) Max	※ RATED CURRENT (mA) Max
PACMS321611A121	120 $\pm$ 25%	0.05	3000
PACMS321611A260	26 $\pm$ 25%	0.03	3000
PACMS321611A301	300 $\pm$ 25%	0.06	3000
PACMS321611A500	50 $\pm$ 25%	0.03	3000
PACMS321611A600	60 $\pm$ 25%	0.03	3000
PACMS321611A601 2A	600 $\pm$ 25%	0.08	2000
PACMS321611A601	600 $\pm$ 25%	0.06	3000
PACMS321611A800	80 $\pm$ 25%	0.04	3000

Type: PACMS451616

PART NO	IMPEDANCE (Ω) AT100 MHz 500mV	DC RESISTANCE (Ω) Max	※ RATED CURRENT (mA) Max
PACMS451616A102 RDC09	1000 $\pm$ 25%	0.09	1500
PACMS451616A121	120 $\pm$ 25%	0.04	3000
PACMS451616A800	80 $\pm$ 25%	0.04	3000

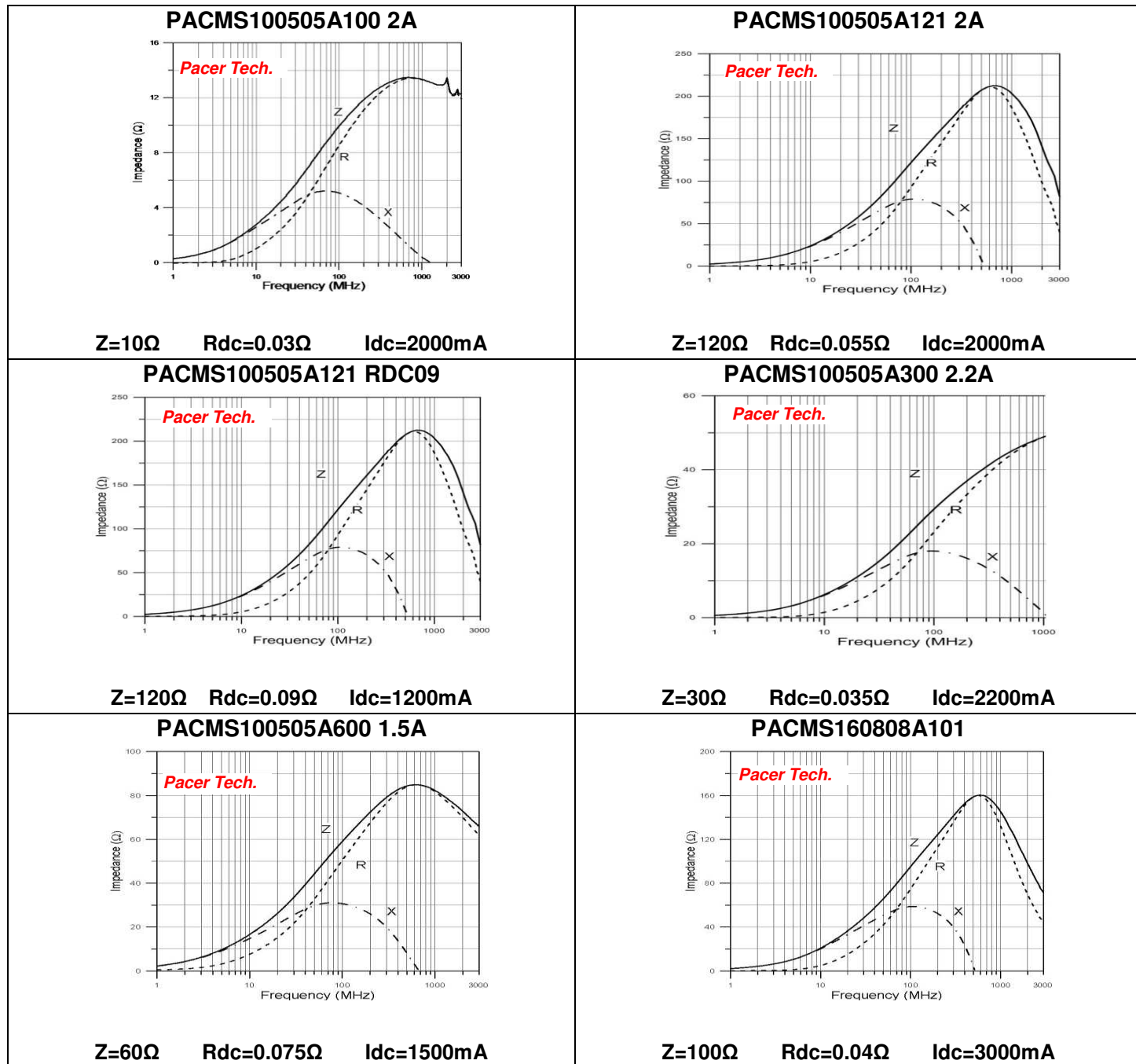
※ The maximum rated current : the DC current value having temperature increased 40°C after thru DC current 2 hours at ambient temperature.

Multilayer Chip Inductors – PACMS SERIES

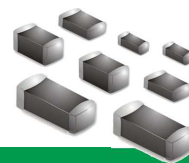


TYPICAL ELECTRICAL CHARACTERISTICS

Z, R, X vs. FREQUENCY CHARACTERISTICS

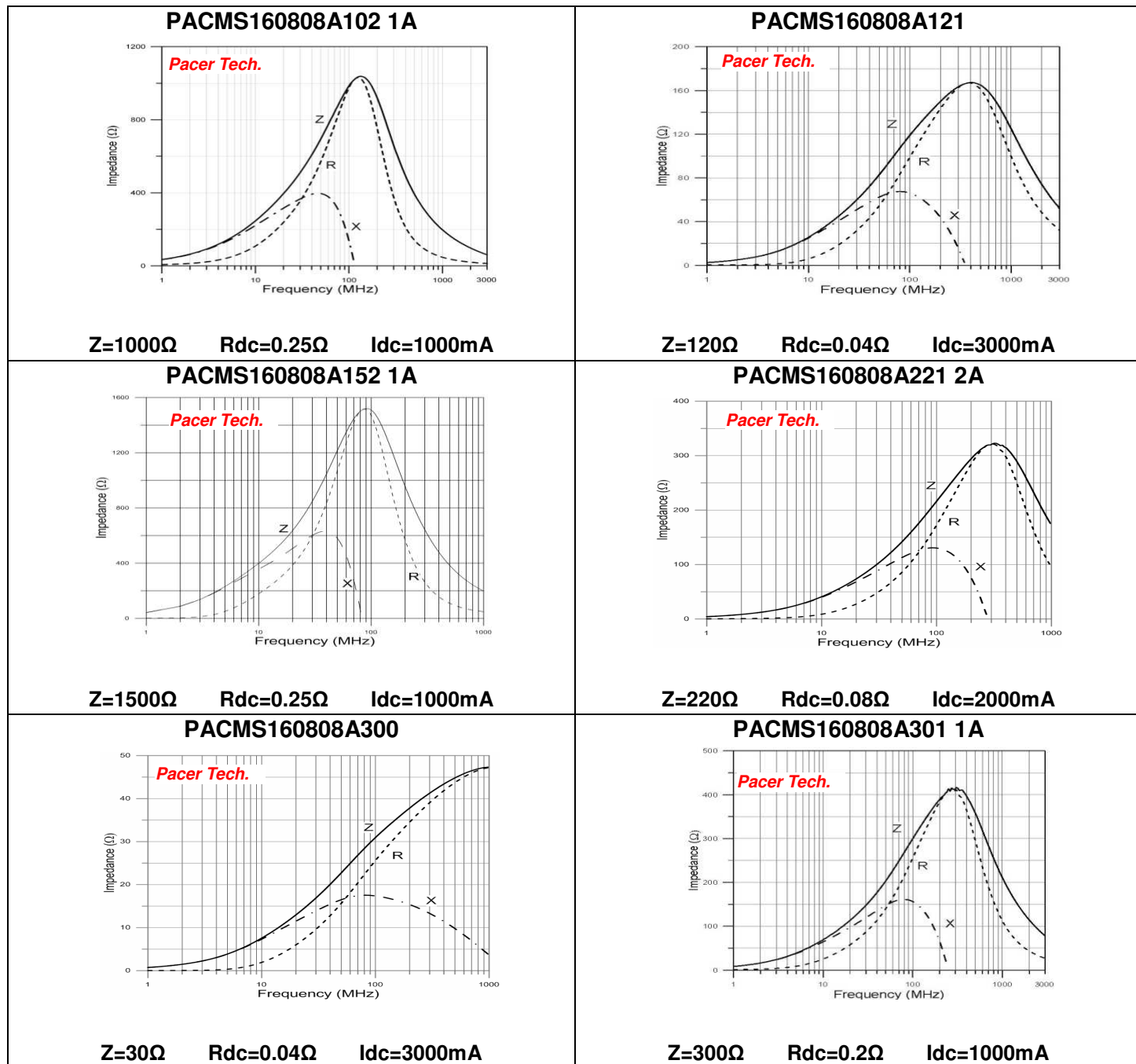


Multilayer Chip Inductors – PACMS SERIES

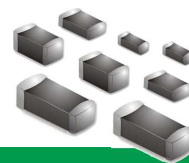


TYPICAL ELECTRICAL CHARACTERISTICS

Z, R, X vs. FREQUENCY CHARACTERISTICS

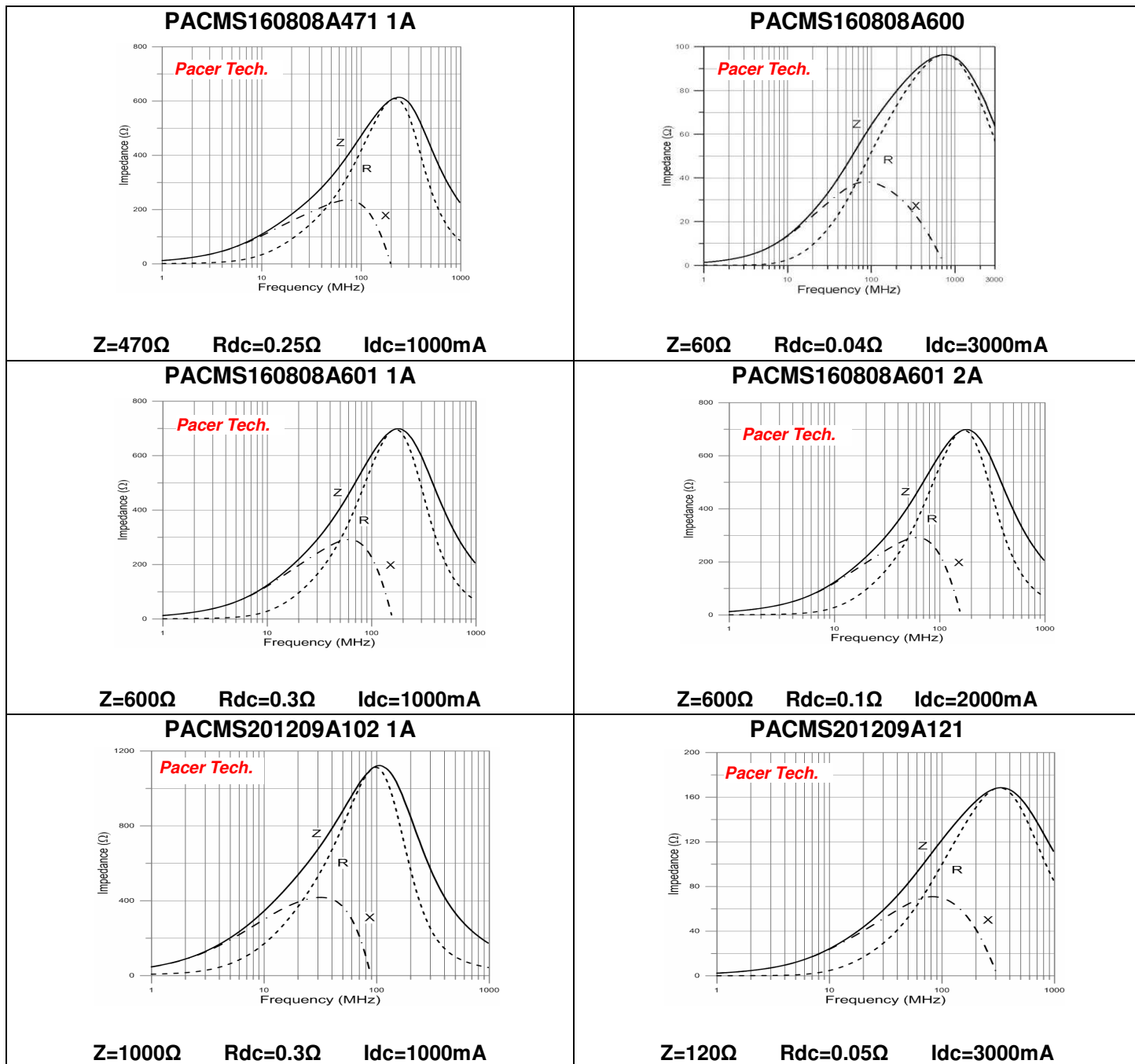


Multilayer Chip Inductors – PACMS SERIES

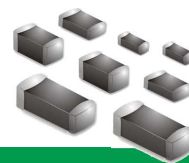


TYPICAL ELECTRICAL CHARACTERISTICS

Z, R, X vs. FREQUENCY CHARACTERISTICS

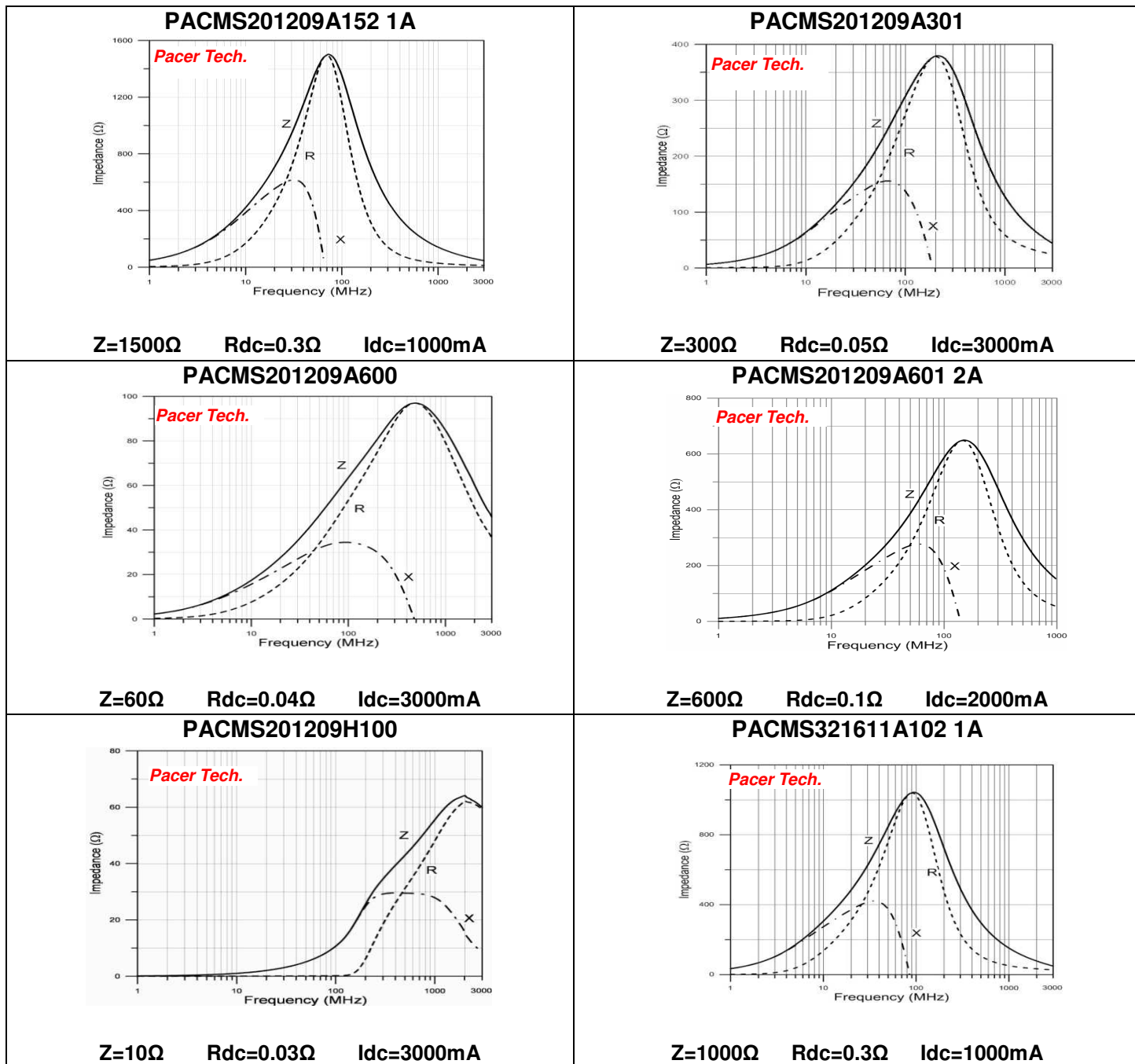


Multilayer Chip Inductors – PACMS SERIES

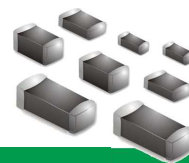


TYPICAL ELECTRICAL CHARACTERISTICS

Z, R, X vs. FREQUENCY CHARACTERISTICS

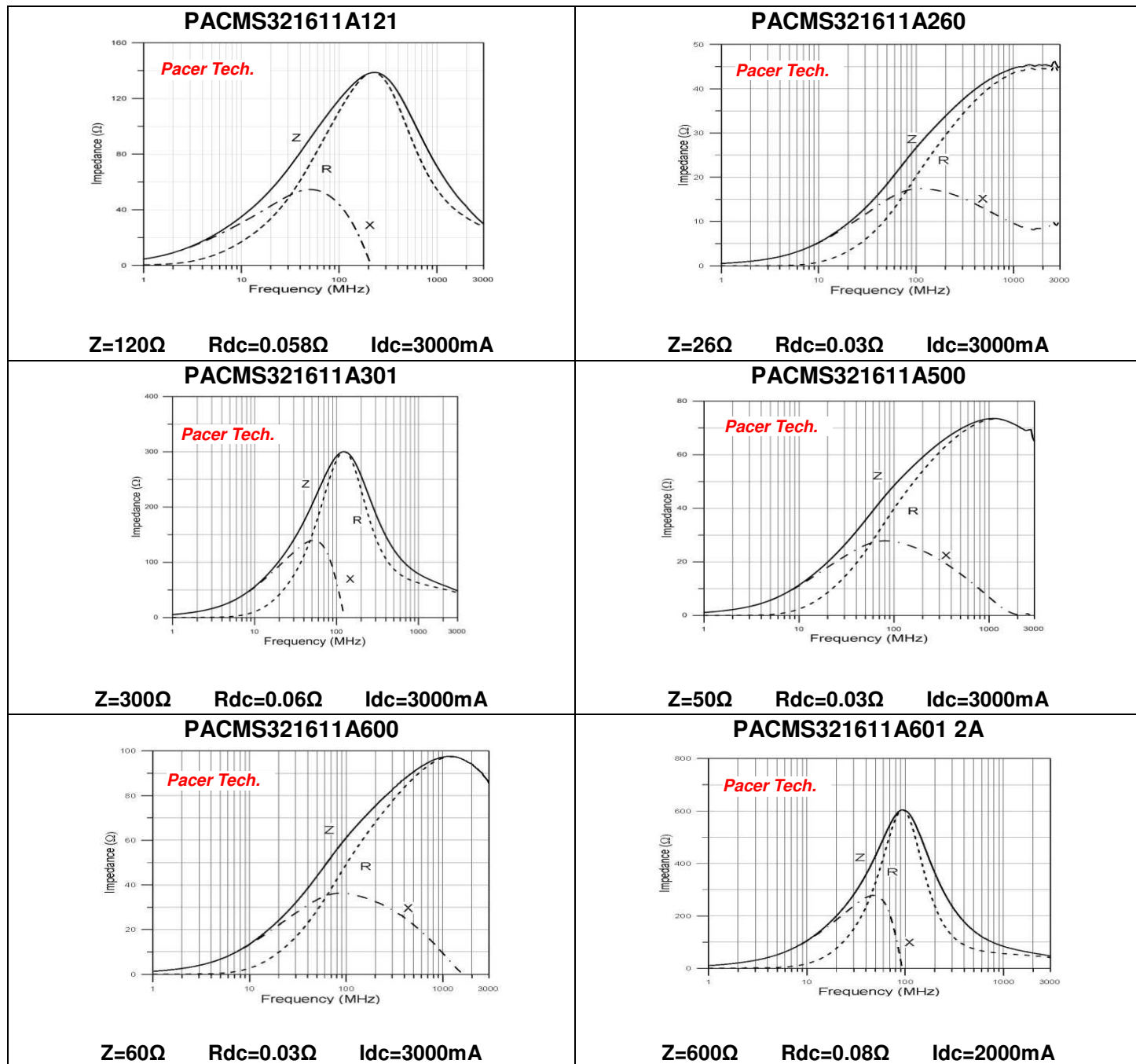


Multilayer Chip Inductors – PACMS SERIES

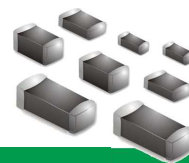


TYPICAL ELECTRICAL CHARACTERISTICS

Z, R, X vs. FREQUENCY CHARACTERISTICS



Multilayer Chip Inductors – PACMS SERIES



TYPICAL ELECTRICAL CHARACTERISTICS

Z, R, X vs. FREQUENCY CHARACTERISTICS

