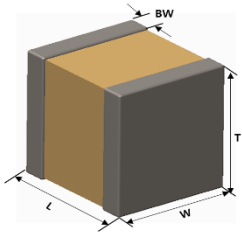


# A80B series (EA1111/2828mm)

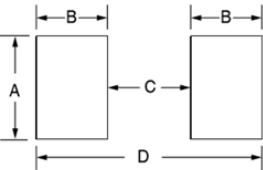
## ■ Electrical Specification

Part number	A80B□□□□□□XT
Capacitance	0.1 to 1000 pF
Working Voltage (WVDC)	50 ~ 500V
Quality Factor (Q)	2,000 min. @ 1MHz
Operating Temperature Range	-55°C ~ +125°C
Temperature coefficient of Capacitances (TCC)	0 ± 30PPM/°C : -55°C ~ +125°C
Insulation Resistance	0.1 ~ 1000 pF 10 <sup>5</sup> MΩ min. at + 25°C at rated WVDC 10 <sup>4</sup> MΩ min. at + 125°C at rated WVDC
Dielectric Withstanding Voltage (DWV)	250% of WVDC for 5 seconds
Retrace	±(0.02% or 0.02pF), which is greater
Capacitance drift	±(0.02% or 0.02pF), which is greater
Aging	None
Piezo Effects	None

## ■ Mechanical dimension & solder pad

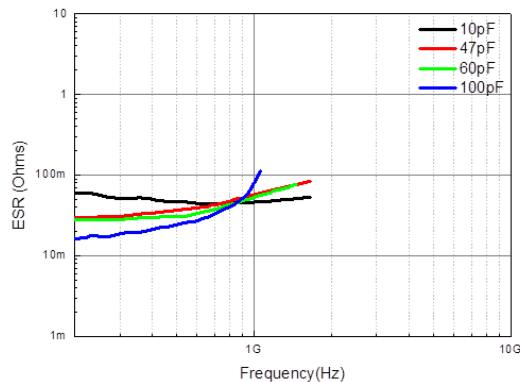


AMOTCH Terminal code.	SPEC	L	W	T	BW
T	Size (mm)	2.79 +0.51 / -0.25	2.79 ± 0.38	1.78 Max.	0.38 ± 0.25
	Size (inch)	.110 +.020/ -.010	.110 ± .015	.070 Max.	.015±.010
W	Size (mm)	2.79 +0.51 / -0.25	2.79 ± 0.38	1.78 Max.	0.38 ± 0.25
	Size (inch)	.110 +.020/ -.010	.110 ± .015	.070 Max.	.015±.010
TN	Size (mm)	2.79 +0.51 / -0.25	2.79 ± 0.38	1.78 Max.	0.38 ± 0.25
	Size (inch)	.110 +.020/ -.010	.110 ± .015	.070 Max.	.015±.010



Pad size		A Min.	B Min.	C Min.	D Min.
Normal	(mm)	3.30	1.27	1.91	4.45
	(inch)	.130	.050	.075	.175
High density	(mm)	2.79	0.76	1.91	3.43
	(inch)	.110	.030	.075	.135

## ■ Electrical characteristics



**AMO**  
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