

Which EPCOS X2 EMI Suppression Capacitor is right for your design?



EPCOS has a wide variety of X2 series for across the line applications. Different series of products offer unique features such as high pulse load capability, high capacitance stability over the lifetime, and over harsh operating conditions such as high humidity and high temperature. Each series comply and is approved under safety standard, UL, ENEC, CSA and CQC.

	Standard Series	High Humidity Series	Heavy Duty Series	Industrial Grade Series
	B3292xC B3292xD	B3292xH B3292xJ	B3293xA B3293xB	B3292xA4 B3292xB4
Dielectric	Metallized Polypropylene(MKP)	Metallized Polypropylene(MKP)	Metallized Polyester (MKT)	Metallized Polypropylene(MKP)
Voltage	305 Vac	305 Vac	305 Vac	350 Vac
Capacitance Range	0.010~30 uF	0.10~15 uF	0.047~2.2 uF	0.47~15 uF
Operating Temp	max 110°C	max 110°C	max 105°C	max 110°C
Lead Spacing	10~52.5 mm	15.0~37.5 mm	15.0~37.5 mm	27.5~52.5 mm
Lifetest Conditions	1,25Vr@105°C 1000hours	1,25Vr@105°C 1000hours	1,25Vr@105°C 1000hours	1,25Vr@105°C 1000hours
Climatic Test Conditions	40°C / 93%rh / 0V	40°C/ 93%rh/ 0V	40°C/ 93%rh / 0V	40°C/ 93%rh / 0V
	56days	56days	56days	56days
Specific Requirements	No specific request	85°C/85%rh/240Vac	85°C/85%rh/290Vac	85°C/85%rh/330Vac
		1000hours	1000hours	1000hours
Safety Standards	(ENEC, UL, CSA, CQC)	(ENEC, UL, CSA, CQC)	(ENEC, UL, CSA, CQC)	(ENEC, UL, CSA, CQC)
Automotive Grade	No	Yes	Yes	Yes