




Selection guide → PCB & terminal mounted film capacitors for EMI/EMC applications

 THB tested (with V AC)


 AEC-Q200D

 AEC-Q200D with Restrictions

IEC/UL60384-14 approvals required?

Yes

No

 **MKP AC Output filter:**
B3275* 250 – 400Vac
60°C/95%RH/Vr/1344h

Fixed capacitors for EMI suppression and connection to the supply mains

X: Across the lines

Y: Line to ground



X1: ... 4000 V impulse

X2: ... 2500 V impulse

Y1: ... 8000 V impulse

Y2: ... 5000 V impulse


X1 Standard
B3291*A/B3-330Vac


X1 High Voltage
B3291*A/B5-530Vac
40° C/93% RH/
440 Vac/500 h


 **X1 High Performance**
B3291*H/J-480Vac
85° C/85% RH/
380Vac/1000 h **New**


X2 Standard
B3292*C/D - 305Vac


 **X2 Mini**
B3292*M/ -305 Vac
85°C/85% RH/
305 Vac/1000 h **New**


 **X2 Humidity**
B3292*H/J-305 Vac
85°C/85% RH/
240Vac/1000 h


 **X2 Heavy Duty**
B3293*A/B3-305Vac
85°C/85% RH/
240Vac/1000 h


 **X2 High performance**
B3292*A/B4-350 Vac
85°C/85% RH/
330Vac/1000 h


 **X2 High Temperature**
B3292*P/Q-305Vac
125°C
85°C/85% RH/
240Vac/500 h

 **X2 High Temperature (upgrade)**
B3292*P/Q*76-305Vac
125°C
85°C/85% RH/
275Vac/1000 h **New**

 **Y1**
B81123*-500Vac
85° C/85% RH/
500Vac/1000 h

 **Y2 Standard**
B3202*A/B3-300Vac

 **Y2 High Performance**
B3203*A/B4-350Vac
85°C/85% RH/
350 Vac/1000 h

 **Y2 Humidity**
B3202*H/J3-300Vac
40°C/93% RH/
300 Vac/1000 h