

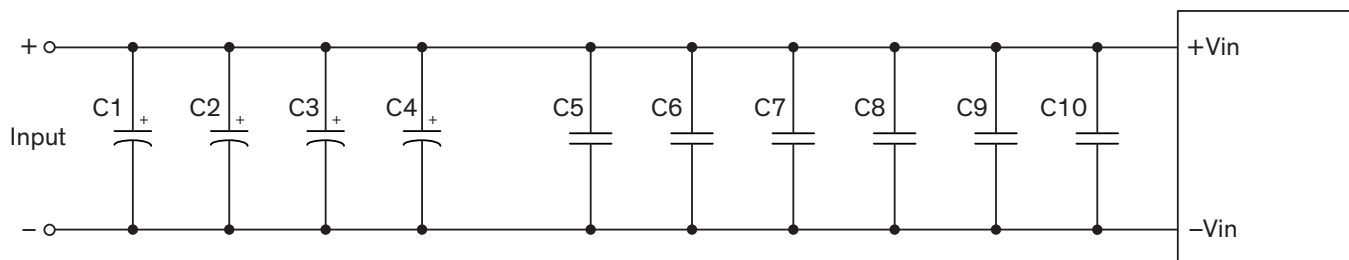
## Input Filter Consideration

**Necessary input filter components to ensure module stability. The components have to be mounted as close as possible to the input pins.**

This input filter consideration is applicable for the following series:

TOS 06SIL / TOS 06SM / TOS 10SIL / TOS 10SM / TOS 16SIL / TOS 16SM / TOS 30SIL / TOS 30SM

### Input filter schematic



### Input filter components

Model	low-ESR polymer capacitor				Ceramic capacitor					
	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
TOS 06-05SIL TOS 06-05SM	150 μF		-		47 μF		-			
TOS 06-12SIL TOS06-12SM	-				47 μF		-			
TOS 10-05SIL TOS 10-05SM	150 μF			-	47 μF		-			
TOS 10-12SIL TOS 10-12SM	-				47 μF				-	
TOS 16-05SIL TOS 16-05SM	150 μF				47 μF				-	
TOS 16-12SIL TOS 16-12SM	-				47 μF					
TOS 30-05SIL TOS 30-12SIL TOS 30-05SM TOS 30-12SM	-				47 μF					