



RP680 Series

Compact High Current DC EMI Power Line Filter

RP680
600VDC WITH BUSBARS
250A - 1000A

ROHS COMPLIANT

SPECIFICATIONS

Max. Operating Voltage	: 600VDC
Ambient Temperature	: -25 to 55C
Climatic Category	: 25/100/21
Hipot Rating (L-G)	: 3500VDC
Terminals (-T)	: B: 250A (3x20) 320/400A (6x25) 600A (8x25) 800/1000A (8x40)
Safety Approvals	: cURus, EN60939 (PENDING)



TYPICAL INSERTION LOSS, dB (50/50ohm)

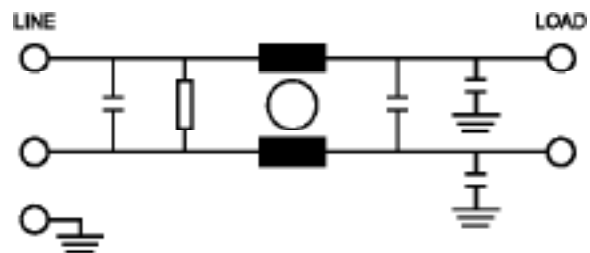
FREQ (MHz)	.15	.5	1.0	10	30
CM(dB)	66	66	66	40	24
DM(dB)	40	60	45	30	28

PART NUMBER/ ORDERING

RP680	-X (Amps)	-Y (Ycap, nF)	-T	Weight LBS (KG) Typ.
	250	100	B	20.0 (9.1)
	320	1000		20.0 (9.1)
	400	2000		20.0 (9.1)
	600			20.0 (9.1)
	800			25.0 (11.3)
	1000			25.0 (11.3)

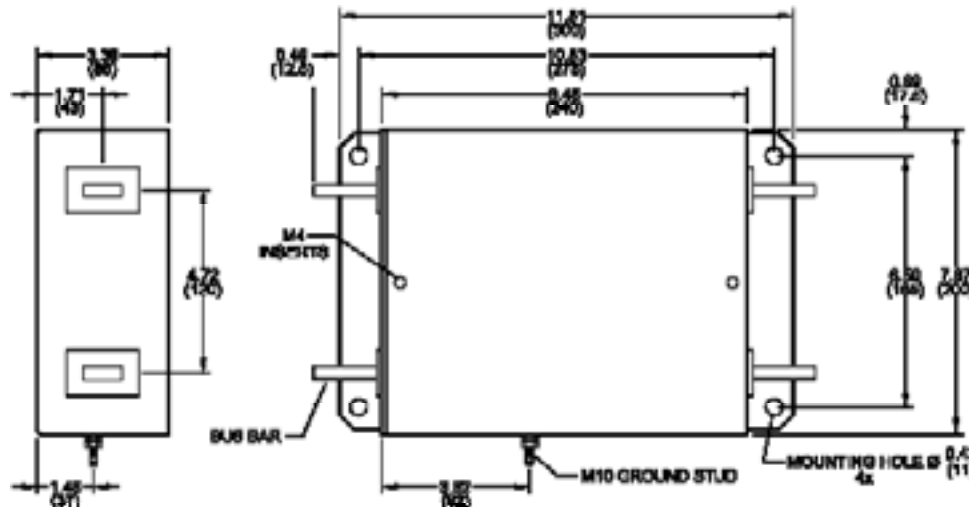
Note: Use any combination of -Y with any -X (Amps) rating
e.g. RP680-600-100-B (600 Amps with 100nF Ycap)

SCHEMATIC



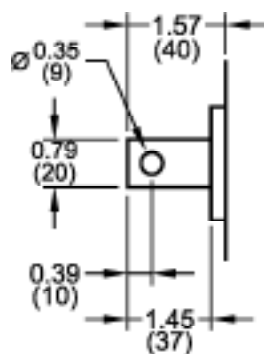
RP680 Series Mechanical Dimensions

250/320/400/600 Amp



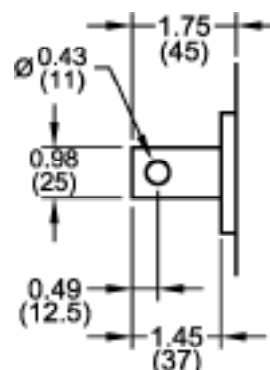
TYPICAL TOLERANCE: +/-0.02 (0.50)

250 Amp Busbar Detail



250A Busbar: (3x20)

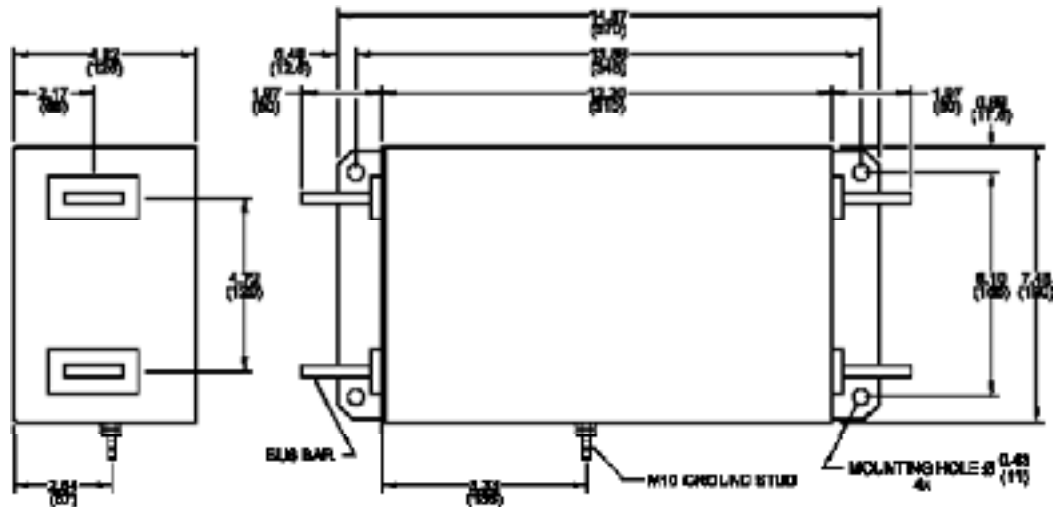
400/600 Amp Busbar Detail



320/400A Busbar: (6x25) 600A Busbar: (8x25)

RP680 Series Mechanical Dimensions

800/1000 Amp



TYPICAL TOLERANCE: +/-0.02 (0.50)

800/1000 Amp Busbar Detail

