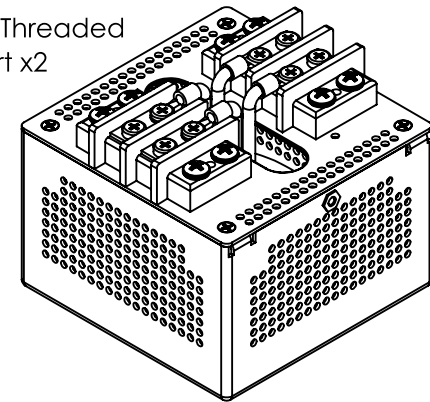
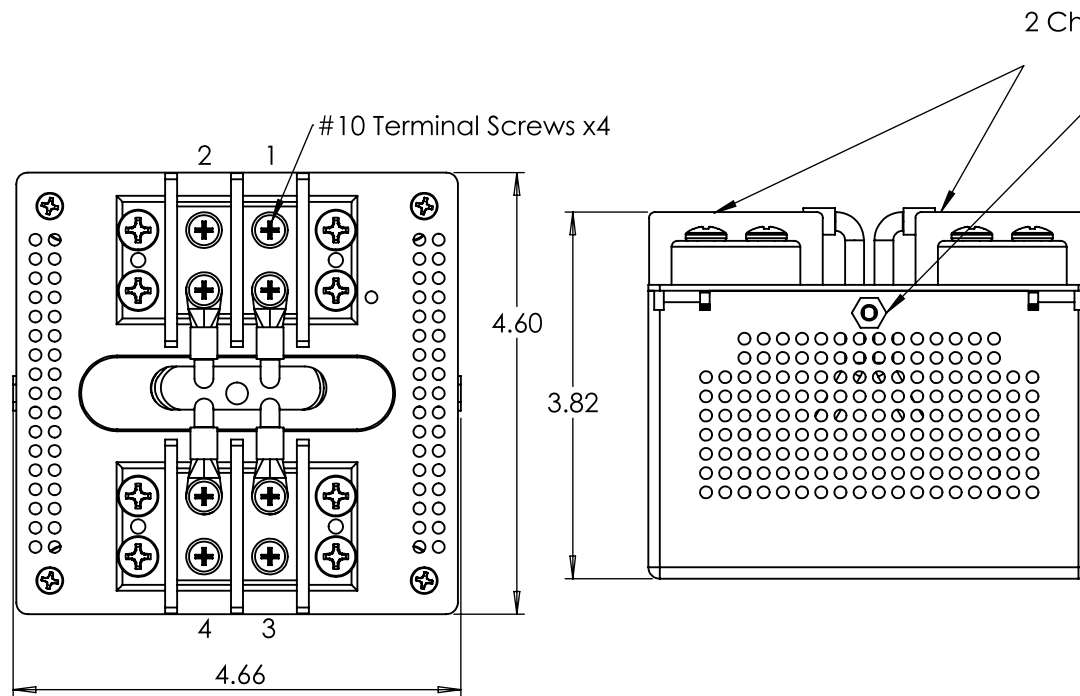


REV	Change	BY	DATE



Electrical specifications per channel:

Current Rating: 50A

$L = 6.12\mu\text{H}$ nom. @100kHz

$L = 5.88\mu\text{H}$ nom. @1MHz

DCR: 7.8m Ω nominal

Impedance: >4.5k Ω @13.56MHz

SRF: 13.56MHz $\pm 0.5\text{MHz}$

Isolation: 2.5kVAC channel to channel

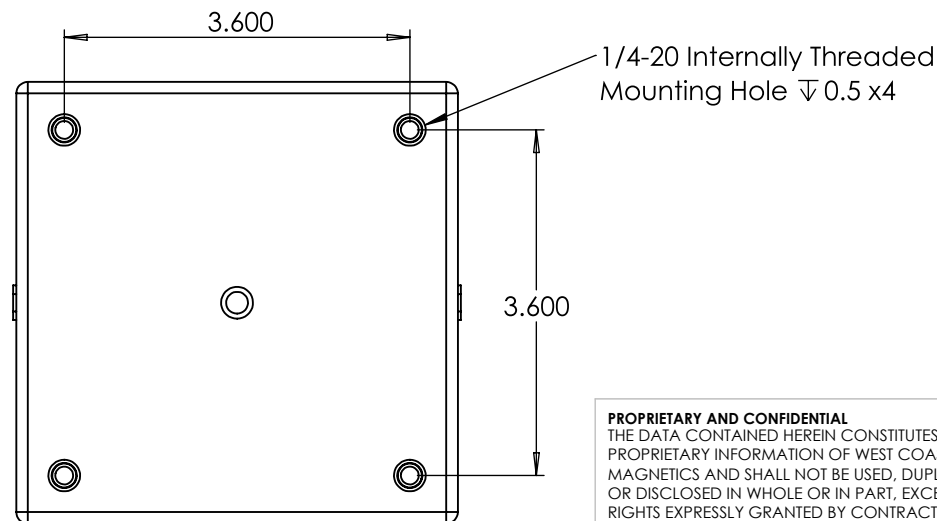
Isolation: 3.5kVDC channel to channel

Isolation: 6kVDC channel to chassis

Mechanical Specifications:

All materials rated for 130°C

Enclosure Material: AL 5052; alodine finish



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Pat.: <https://www.wcmagnetics.com/Patents/>

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCH TOLERANCES
DECIMALS

X.X ± 0.05 in
X.XX ± 0.02 in
X.XXX ± 0.005 in

DRAWING NOT TO SCALE UNLESS NOTED

WCM WEST COAST
MAGNETICS

WEST COAST MAGNETICS

4848 FRONTIER WAY, STE. 100
STOCKTON, CA 95215
800-628-1123

CUSTOMER
WCM

DESCRIPTION
2 Channel 13.56MHz Filter

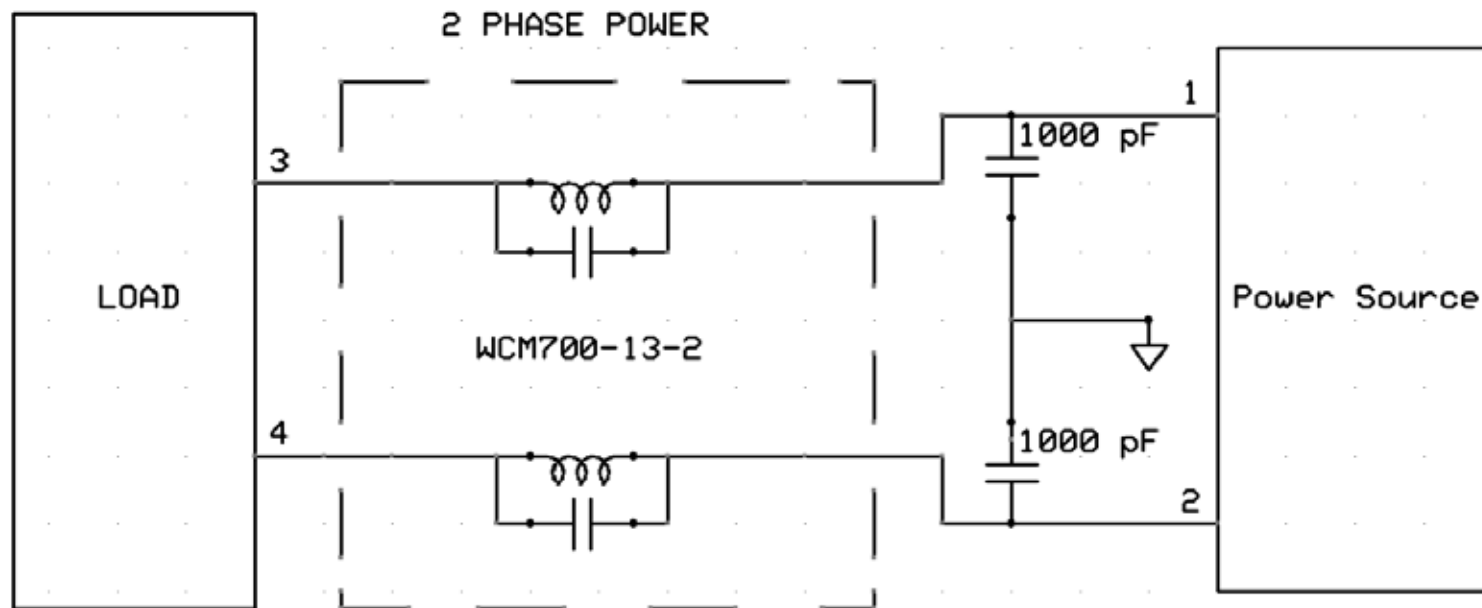
PART NUMBER
WCM700-13-2-50A

REV
-

RELEASED BY
JC

DATE
04/19/21

SHEET 1 OF 2



Schematic of one recommended application for WCM700-13-2

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WCM WEST COAST
 MAGNETICS

WEST COAST MAGNETICS
 4848 FRONTIER WAY, STE. 100
 STOCKTON, CA 95215
 800-628-1123

CUSTOMER WCM	DESCRIPTION 2 Channel 13.56MHz Filter
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PART NUMBER WCM700-13-2 50A	REV -
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RELEASED BY JC	DATE 4/19/21	SHEET 2 OF 2
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