



# CORRY MICRONICS, INC PRODUCT SPECIFICATION

## CMIPD5-400W-P Plastic Cavity Power Combiner

### Electrical Specification

Parameters	Specifications				
Frequency Range	791 ~ 821MHz	925 ~ 960 MHz	1805 ~ 1880 MHz	2110 ~ 2200 MHz	2620 ~ 2690 MHz
Return Loss	≥15 dB	≥15 dB	≥15 dB	≥15 dB	≥15 dB
Insertion Loss	≤0.7 dB	≤0.7 dB	≤0.7 dB	≤0.5 dB	≤0.5 dB
Rejection	≥40 dB @ 832 ~ 862 MHz	≥40 dB @ 880 ~ 915 MHz	≥40 dB @ 1710 ~ 1785 MHz & 1920 ~ 1980 MHz	≥40 dB @ 1920 ~ 1980 MHz	≥40 dB @ 2500 ~ 2570 MHz
Isolation	≥40 dB @ 791 ~ 821 MHz & 925 ~ 960 MHz & 1805 ~ 1880 MHz & 2110 ~ 2200 MHz & 2620 ~ 2690 MHz				
Coupling	30 dB ~ 50 dB				
Input Power	80 W (Average) Max; 300 W (Peak) Max				
Output Power	400 W (Average) Max; 1500 W (Peak) Max				
Impedance	50 Ω				
Temperature Range	-20 ° ~ +70° C				
Port Connectors	COM: 4.3-10 - Female; Input Port: N - Female; CPL: SMA - Female				
Finish	Black Paint				
Dimensions	See Attached Drawings (Dimensions are in inches[mm])				
Weight	3.1 lbs [1.4 kg]				

**CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.**

**Corry Micronics, Inc. One Plastics Rd. - Corry, PA 16407**

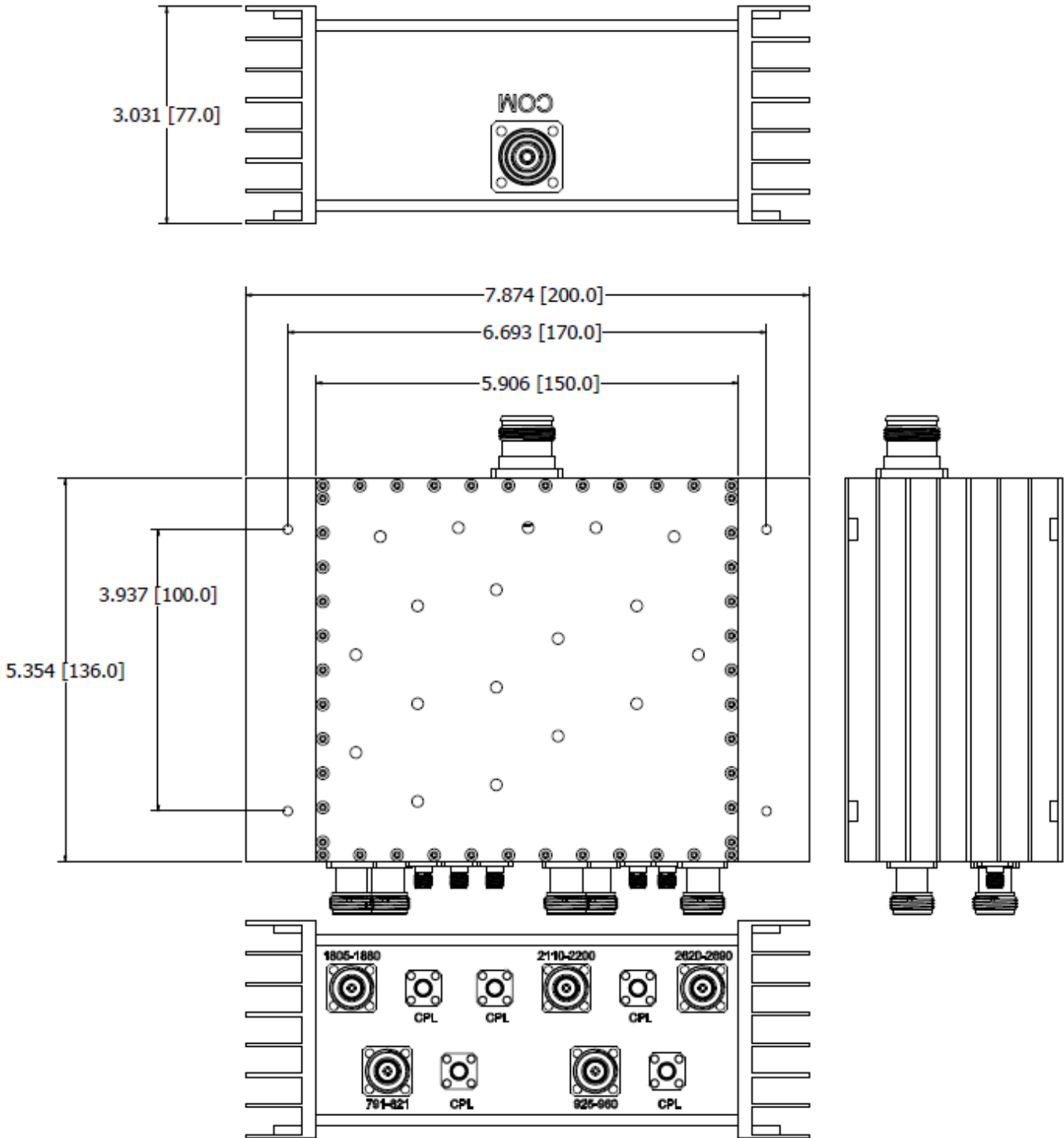
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## Outline Drawing



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