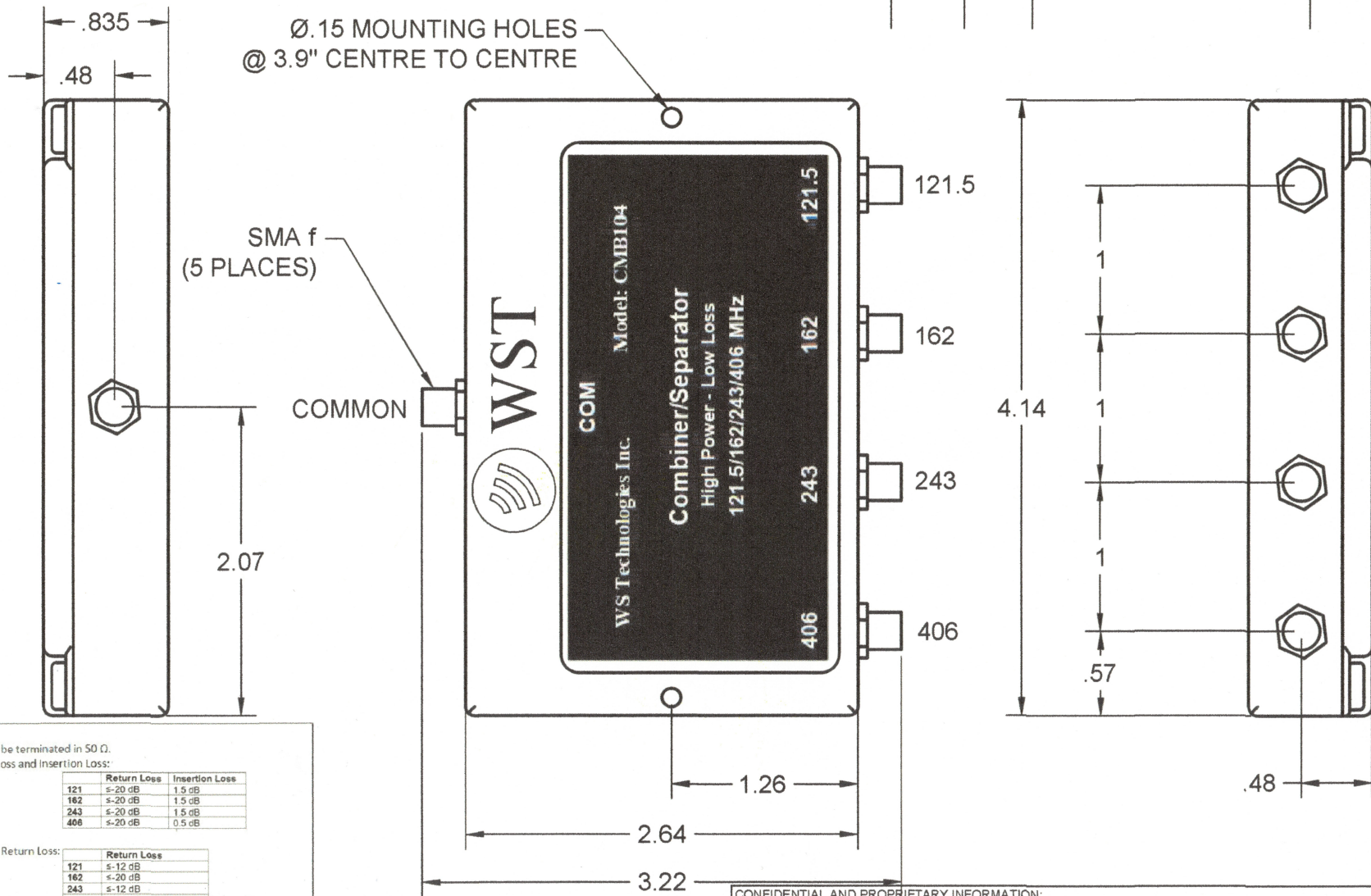


REVISION HISTORY				
REV	ECO #	DESCRIPTION	DATE	DRAWN BY



NOTES:

1. All ports must be terminated in 50 Ω .
2. Input Return Loss and Insertion Loss:

	Return Loss	Insertion Loss
121	≤ -20 dB	1.5 dB
162	≤ -20 dB	1.5 dB
243	≤ -20 dB	1.5 dB
406	≤ -20 dB	0.5 dB

3. Common Port Return Loss:

	Return Loss
121	≤ -12 dB
162	≤ -20 dB
243	≤ -12 dB
406	≤ -20 dB

4. Input to Input Isolation:

Port	121	162	243	406
121	-	7 dB	25 dB	35 dB
162	10 dB	-	10 dB	25 dB
243	35 dB	10 dB	-	10 dB
406	35 dB	25 dB	10 dB	-

5. Input to Output Isolation:

Input \ Output	121	162	243	406
121	-	10 dB	35 dB	35 dB
162	7 dB	-	10 dB	30 dB
243	25 dB	10 dB	-	10 dB
406	35 dB	25 dB	10 dB	-

6. Max Power:

20W

CONFIDENTIAL AND PROPRIETARY INFORMATION:

The recipient of this information hereby acknowledges and agrees that the information contained herein is proprietary to WS Technologies Inc. and shall not be used, disclosed or duplicated in whole or in part except in accordance with the express written authorization from WS Technologies Inc.

UNLESS OTHERWISE SPECIFIED:

1. DIMENSIONS ARE IN INCHES
2. TOLERANCES:
ANGLES: $\pm 0.5^\circ$
XX: ± 0.03
XXX: ± 0.01
XXXX: ± 0.003



WS Technologies Inc.

	BY	DATE	TITLE
DESIGNED	JS	01/21/2022	4 CHANNEL COMBINER/SEPARATOR - CMB104
DRAWN	JS	01/21/2022	DWG NO. DWG-850-CMB104 REV 1.0
CHECKED	JS	01/21/2022	DWG TYPE DWG-850-CMB104-0100 SIZE A SCALE 1:1
APPROVED	JS	01/21/2022	FILE DWG-850-CMB104-0100 PART NO. CMB104 SHEET 1 OF 1