

8

7

6

5

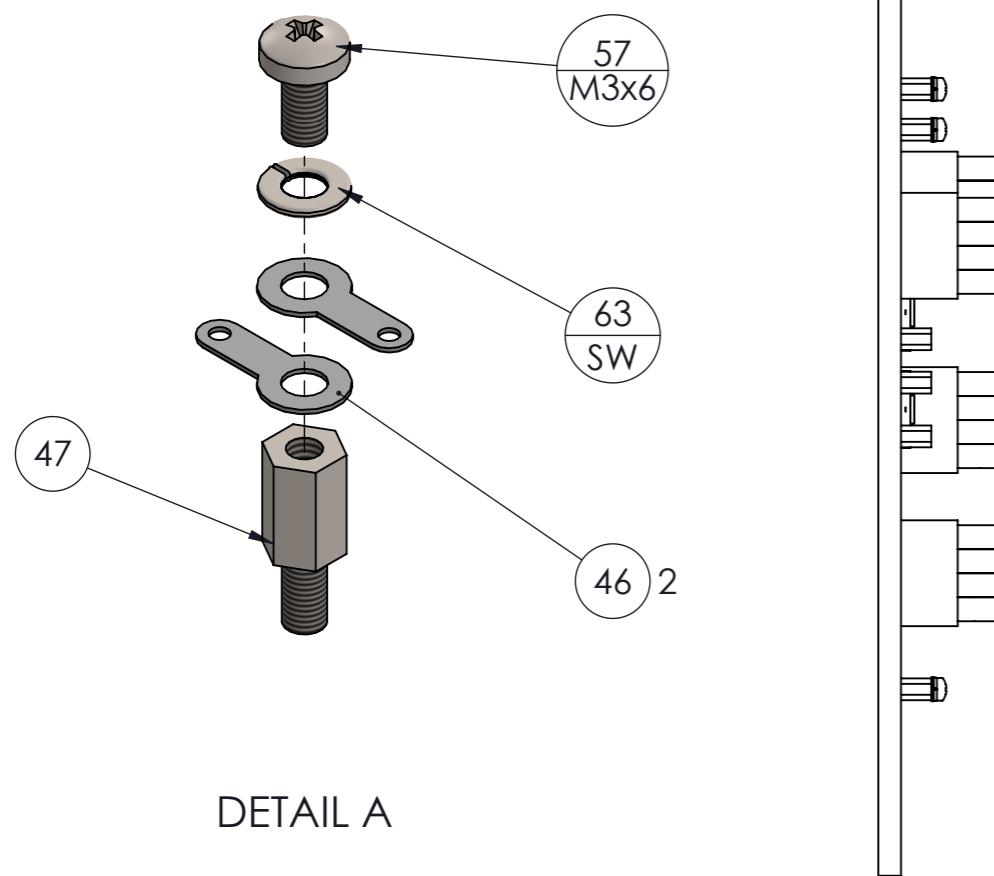
4

3

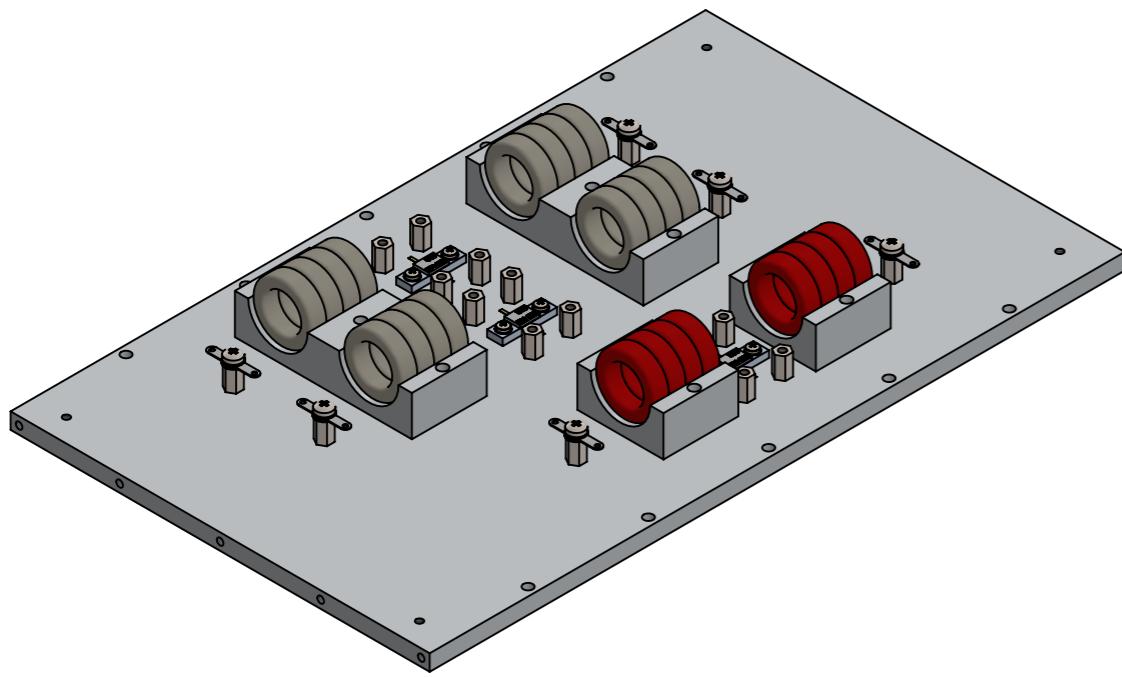
2

1

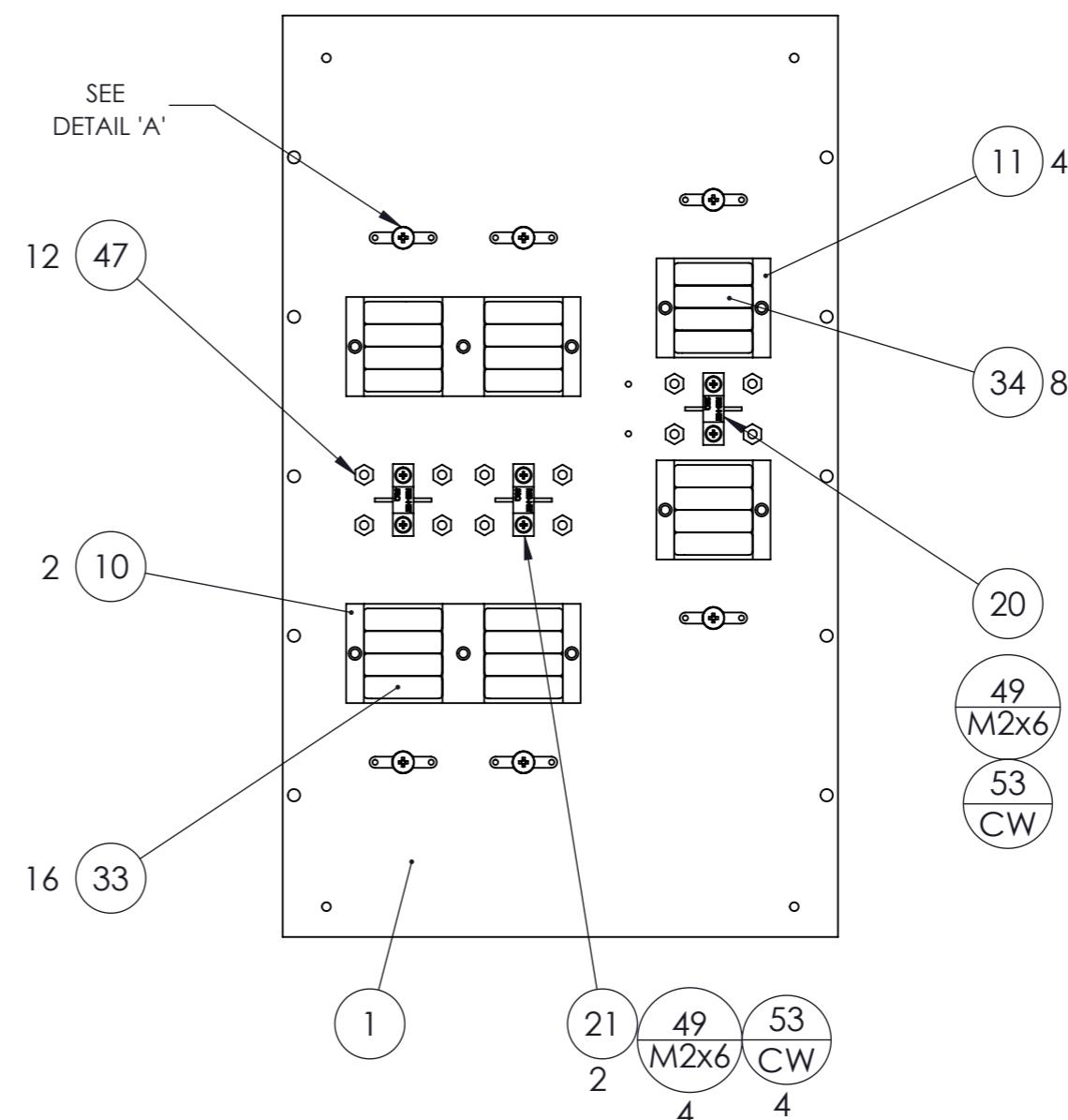
LEFT VIEW



DETAIL A



TOP VIEW



## NOTE:

1. CUT BACK ALL M3 5x10 PILLARS BY 2mm.
2. HTC BETWEEN CORES & CLAMPS AND UNDER CLAMPS.
3. FIT ITEMS 21 & 20 WITH HTC.

TITLE:

Combiner  
Assembly

DWG NO.

01

A3

8

7

6

5

4

3

2

1

WEIGHT: 2371.78g

SCALE:1:2

SHEET 1 OF 8

8

7

6

5

4

3

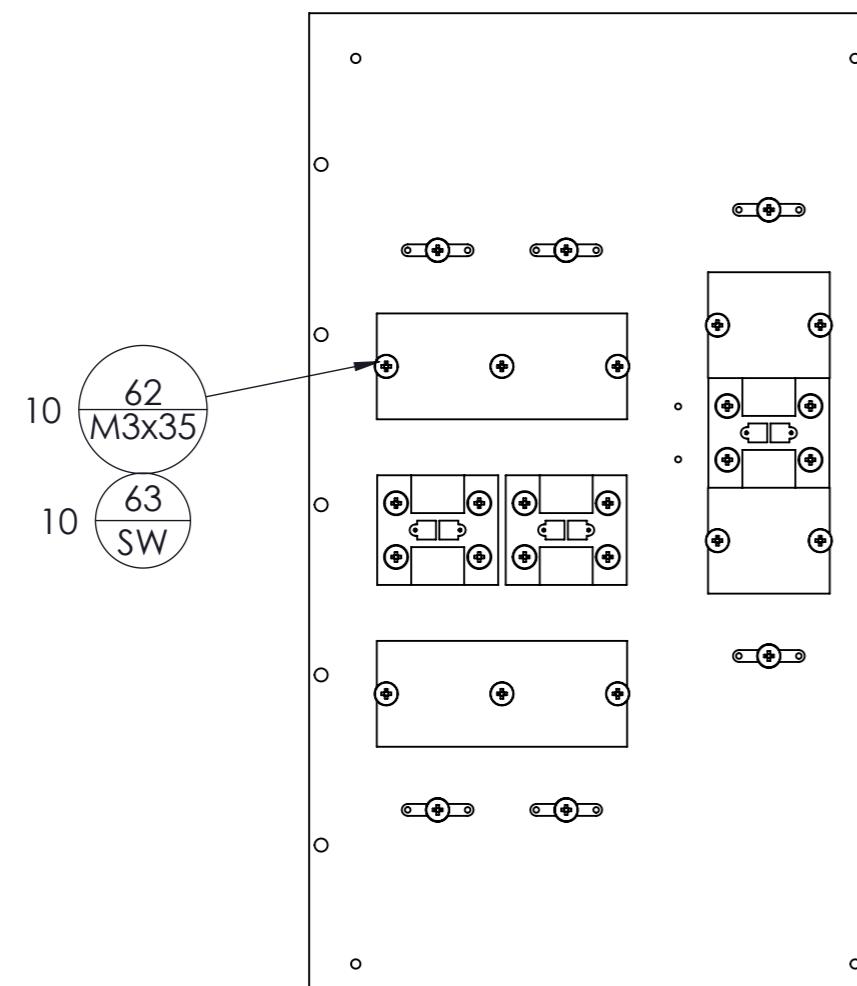
2

1

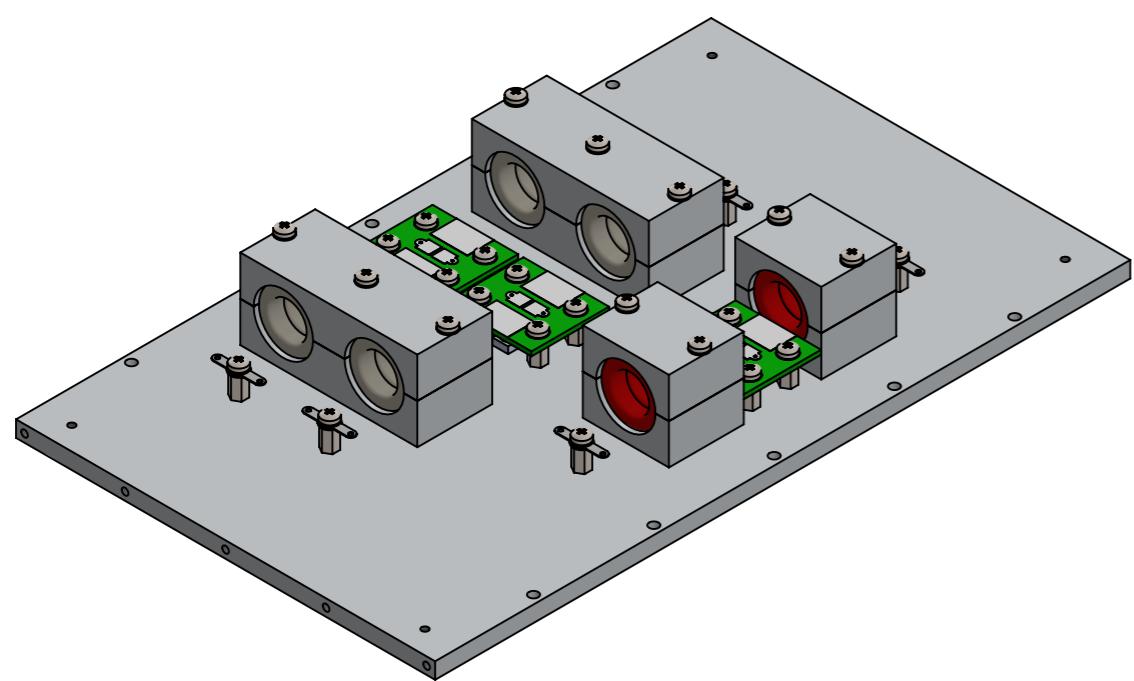
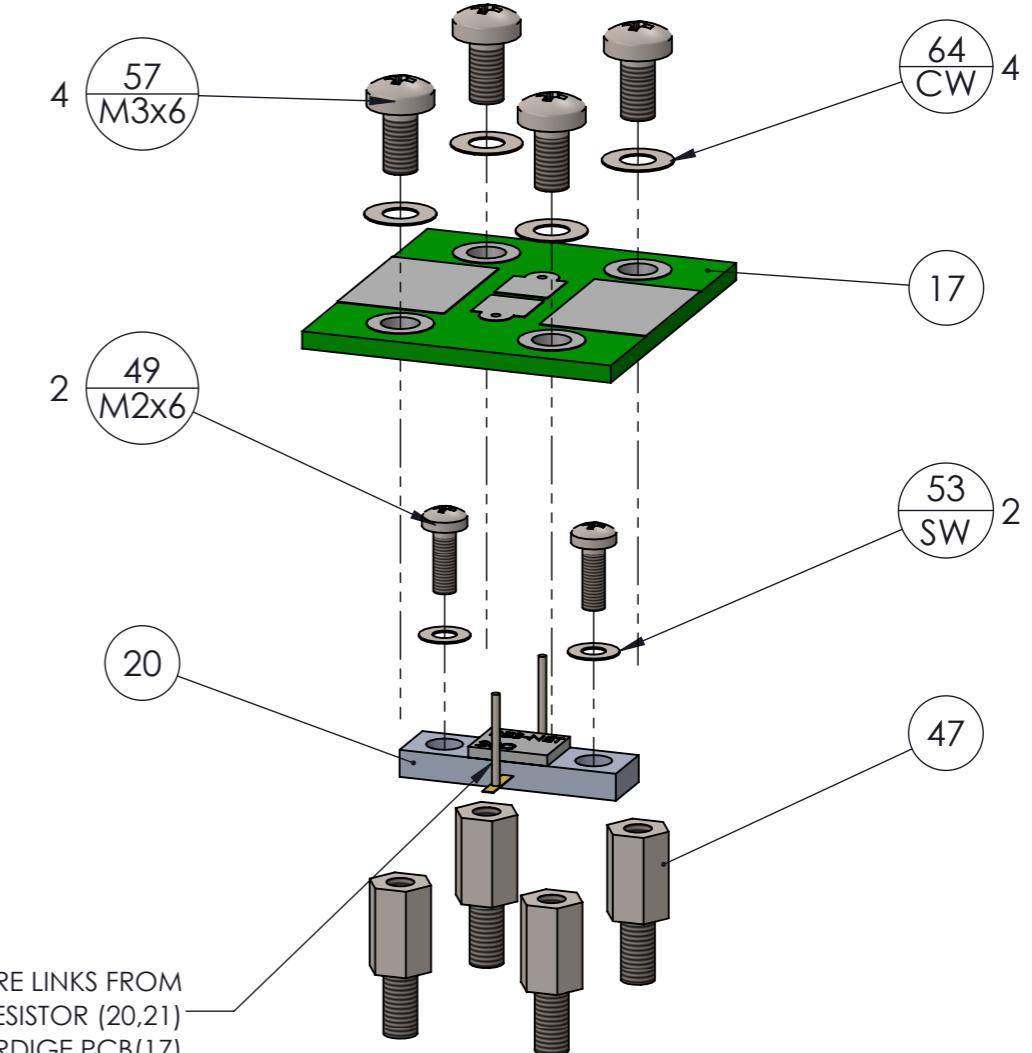
F

F

## TOP VIEW



SOLDER WIRE LINKS FROM  
TERMINATION RESISTOR (20,21)  
TO BRIDGE PCB(17)



DETAIL B

TITLE:	Combiner Assembly	
DWG NO.	01	
A3		

8

7

6

5

4

3

2

1

WEIGHT: 2371.78g

SCALE:1:2

SHEET 2 OF 8

8

7

6

5

4

3

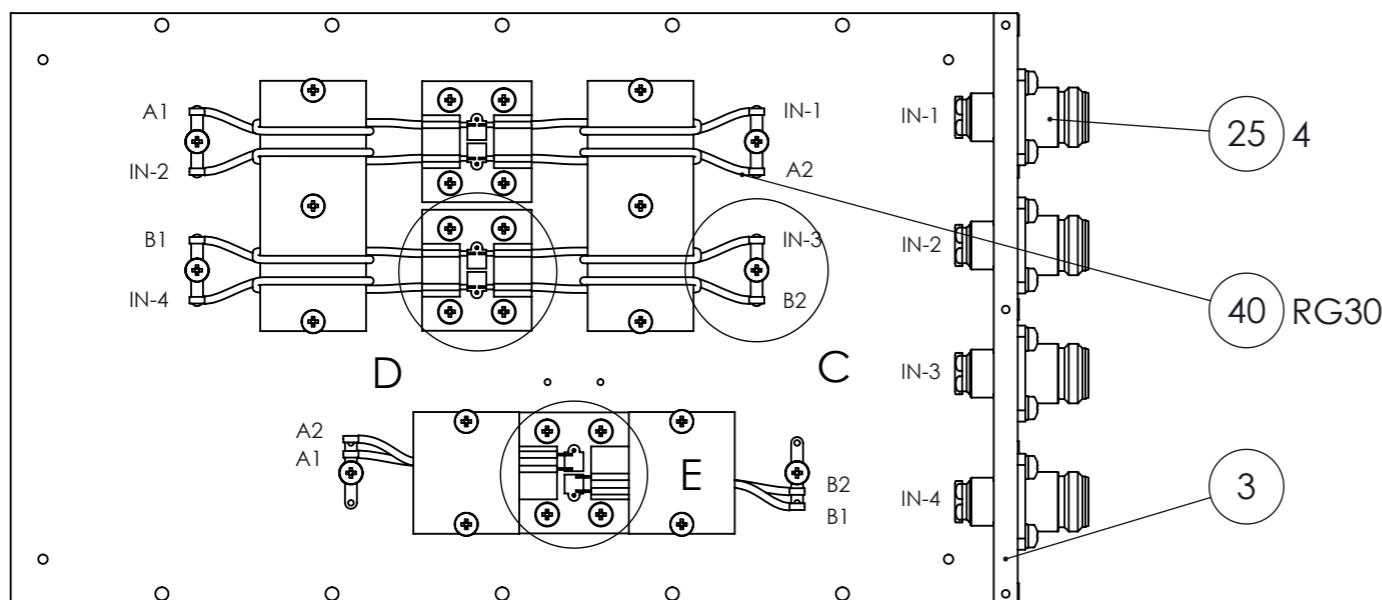
2

1

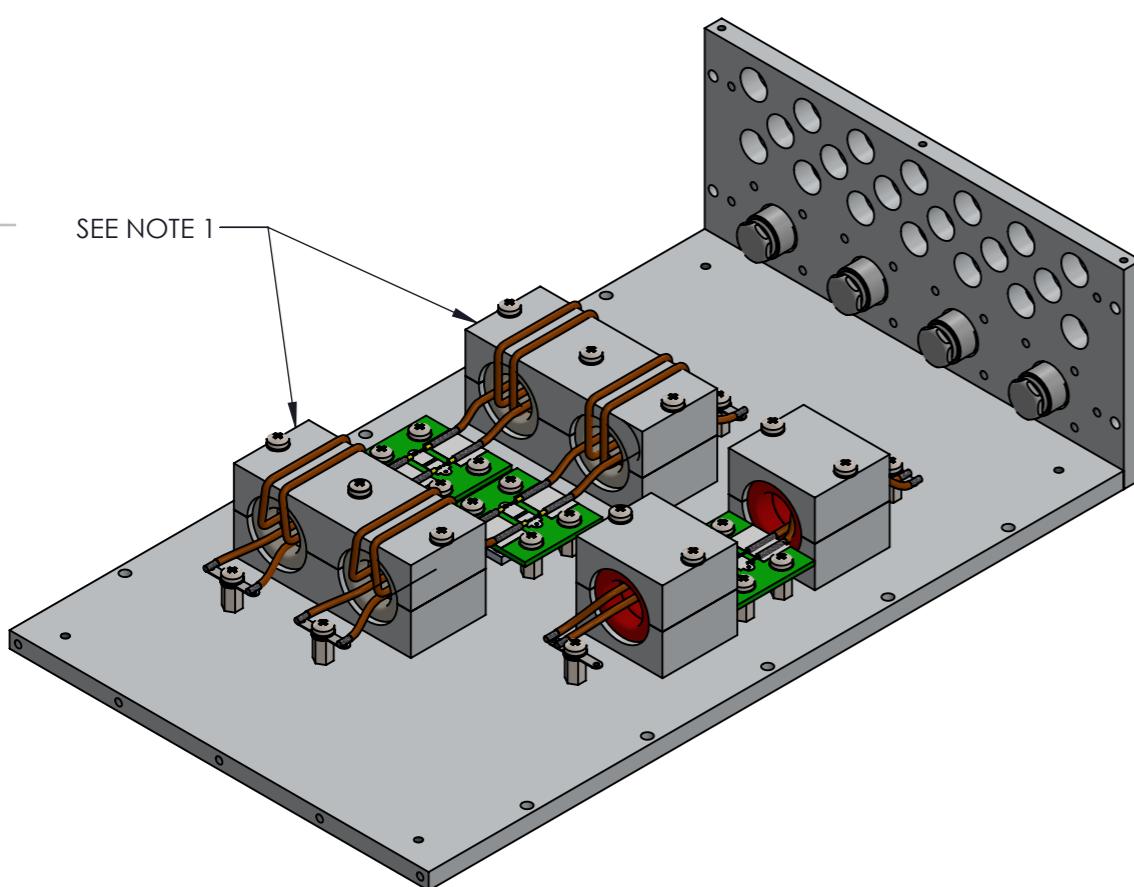
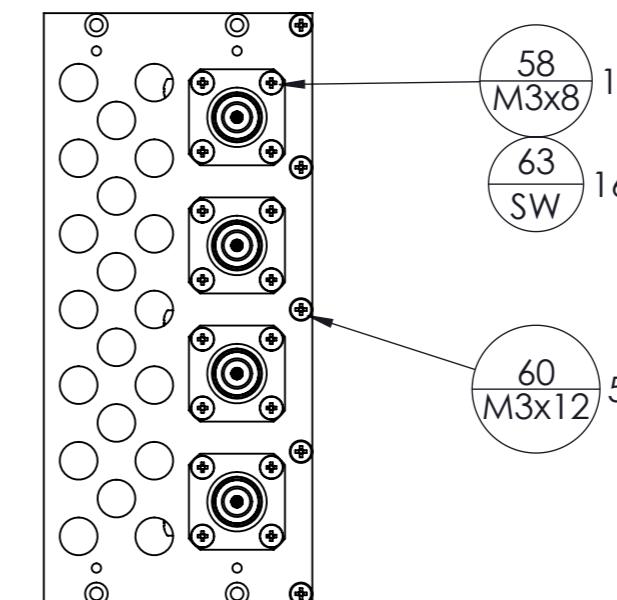
F

F

## TOP VIEW

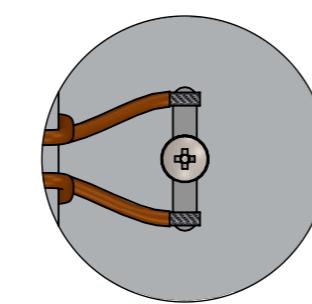


## REAR VIEW



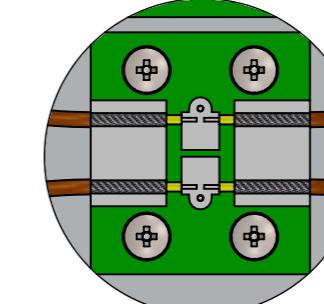
## NOTES:

- 1 TURN OF RG303 FROM IN-1, IN-2, IN-3, IN-4, A1, A2, B1, B2 AROUND ITEM 10.



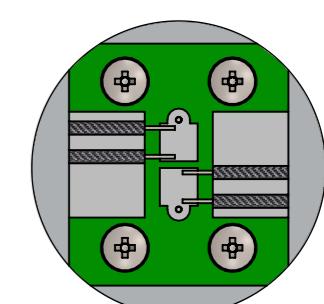
DETAIL C

SEE PAGE 8 FOR LENGTHS. SOLDER BRAID DOWN TO SOLDER TAG.  
REPEAT WITH IN-1, IN-2, IN-3, IN-4, A1, A2, B1, B2.



DETAIL D

SEE PAGE 8 FOR LENGTHS. SOLDER BRAIDS DOWN TO OUTER PADS ON BRIDGE PCB. SOLDER CENTER CONDUCTORS TO CENTRAL PADS ON BRIDGE PCB.  
REPEAT WITH IN-1, IN-2, IN-3, IN-4, A1, A2, B1 & B2.



DETAIL E

SEE PAGE 8 FOR LENGTHS.  
SOLDER BRAIDS DOWN TO OUTER PADS ON BRIDGE PCB. SOLDER CENTER CONDUCTORS TO CENTRAL PADS ON BRIDGE PCB.  
REPEAT WITH B2, B1, A1 & A2.

TITLE:	Combiner Assembly	
DWG NO.	01	
A3		

8

7

6

5

4

3

2

1

8

7

6

5

4

3

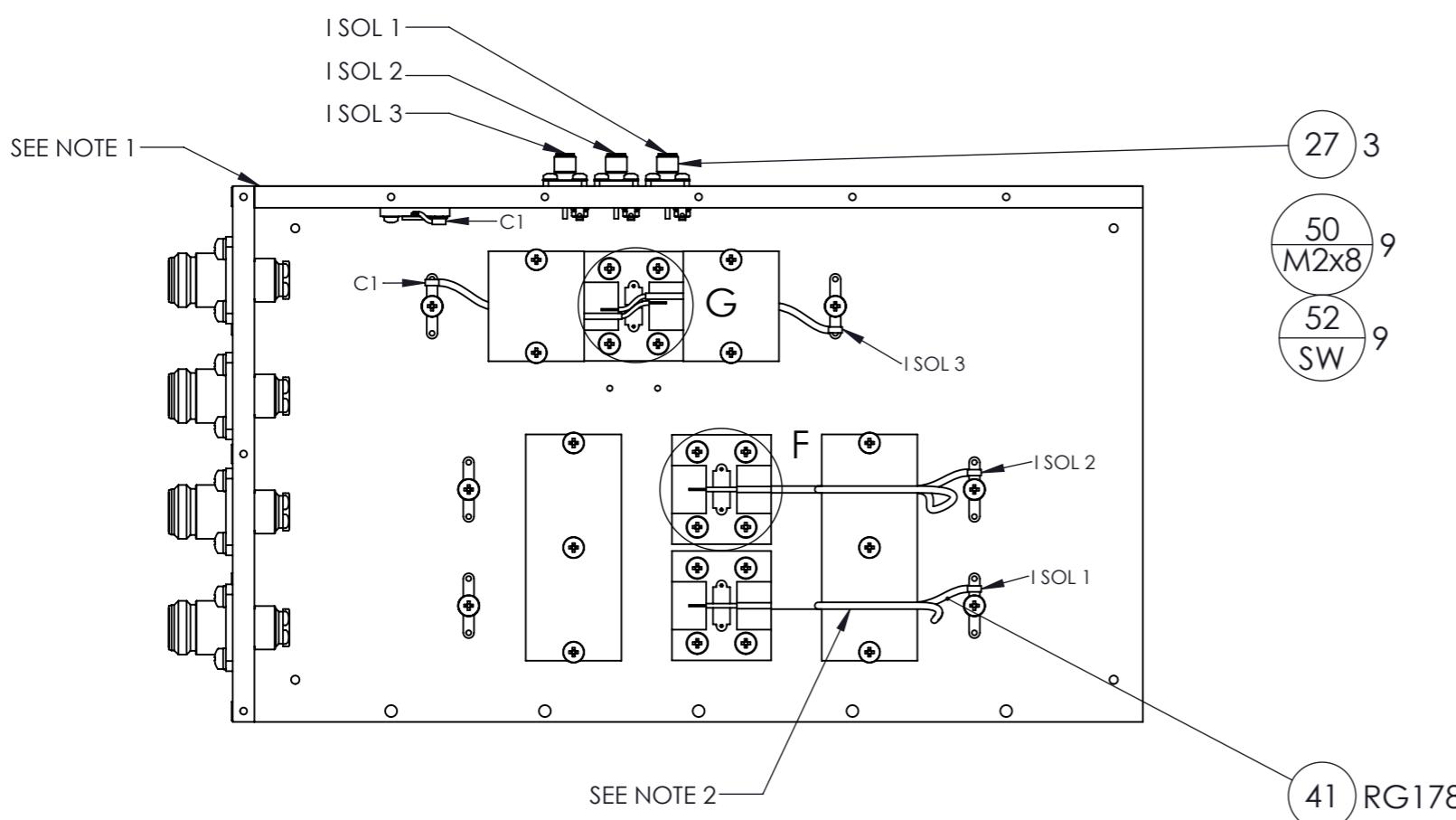
2

1

F

F

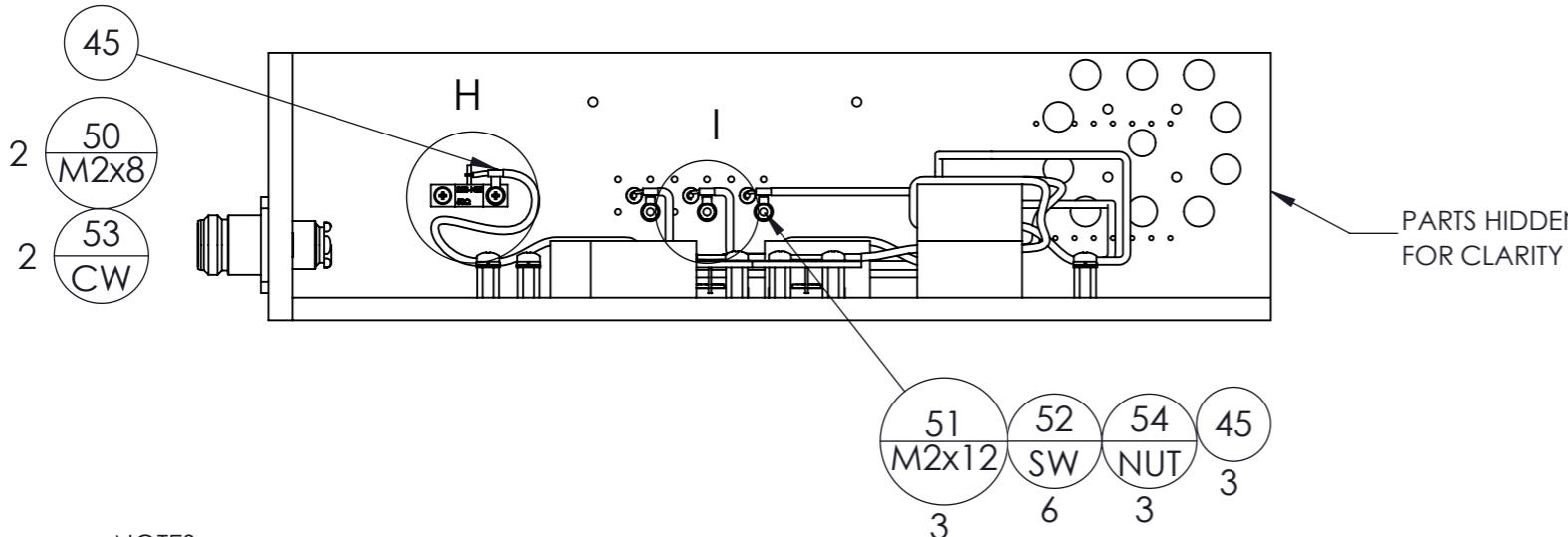
## TOP VIEW



C

C

## LEFT VIEW



## NOTES:

1. SIDE PLATE (ITEM 5) FITTED TO REAR PLATE (ITEM 3) WITH M3x12 COUNTERSUNK SCREWS (ITEM 60).
2. 1 TURN OF RG178 FROM ISOL 1 AND ISOL 2 AROUND ITEM 10.

TITLE: <b>Combiner Assembly</b>	DWG NO. 01	A3
WEIGHT: 2371.78g	SCALE: 1:2	SHEET 4 OF 8

8

7

6

5

4

3

2

1

8

7

6

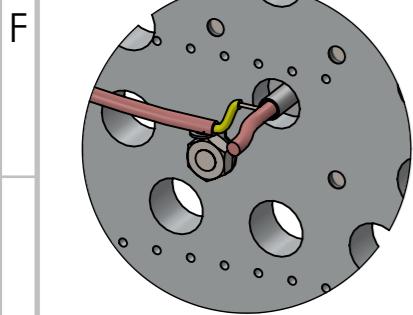
5

4

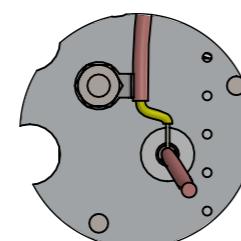
3

2

1



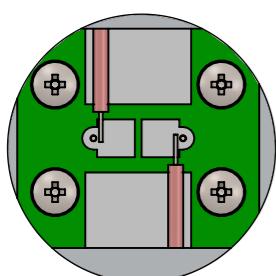
DETAIL J



DETAIL K

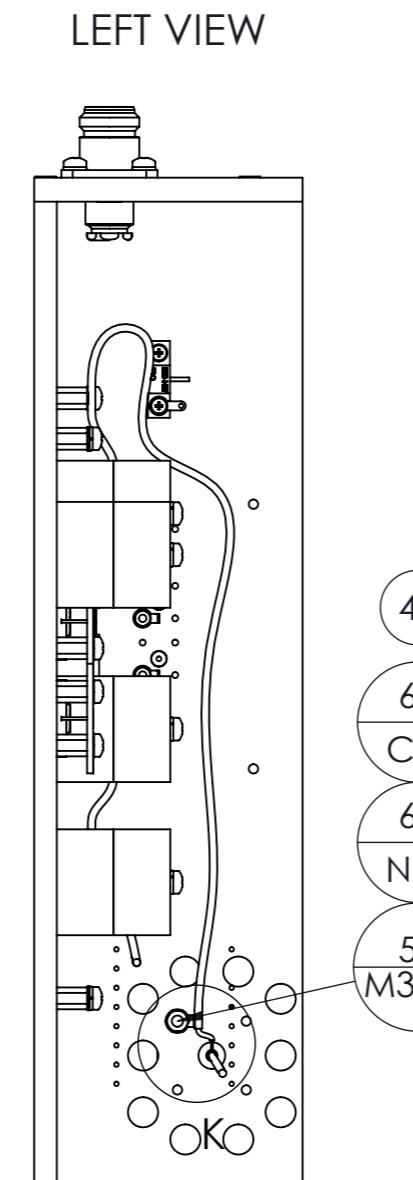
SEE PAGE 8 FOR LENGTHS. SOLDER JACKET OF D2 TO M3  
SOLDER TAG. SOLDER CENTER CONDUCTOR OF D2 TO  
JACKET OF D1.

D1 - SOLDER CENTER CONDUCTOR TO ITEM 28 (see  
details J & K).



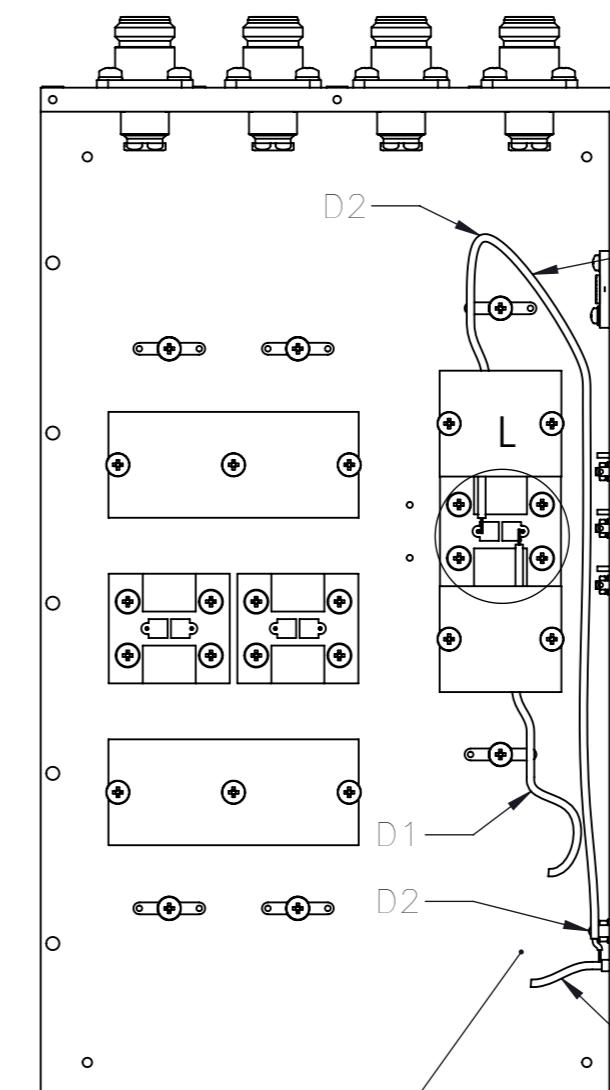
SEE PAGE 8 FOR LENGTHS. SOLDER  
JACKET DOWN TO PAD. SOLDER  
CONDUCTOR TO PAD AS IN DETAIL L.

DETAIL L



LEFT VIEW

TOP VIEW



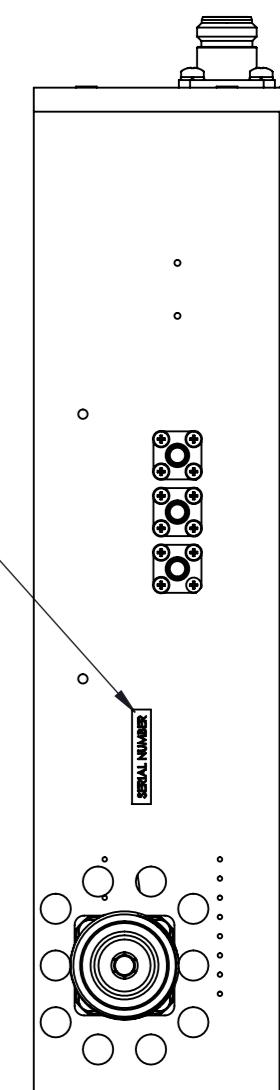
42 UT141-25

63 SW  
57 M3x6  
3

19

26  
28

D1

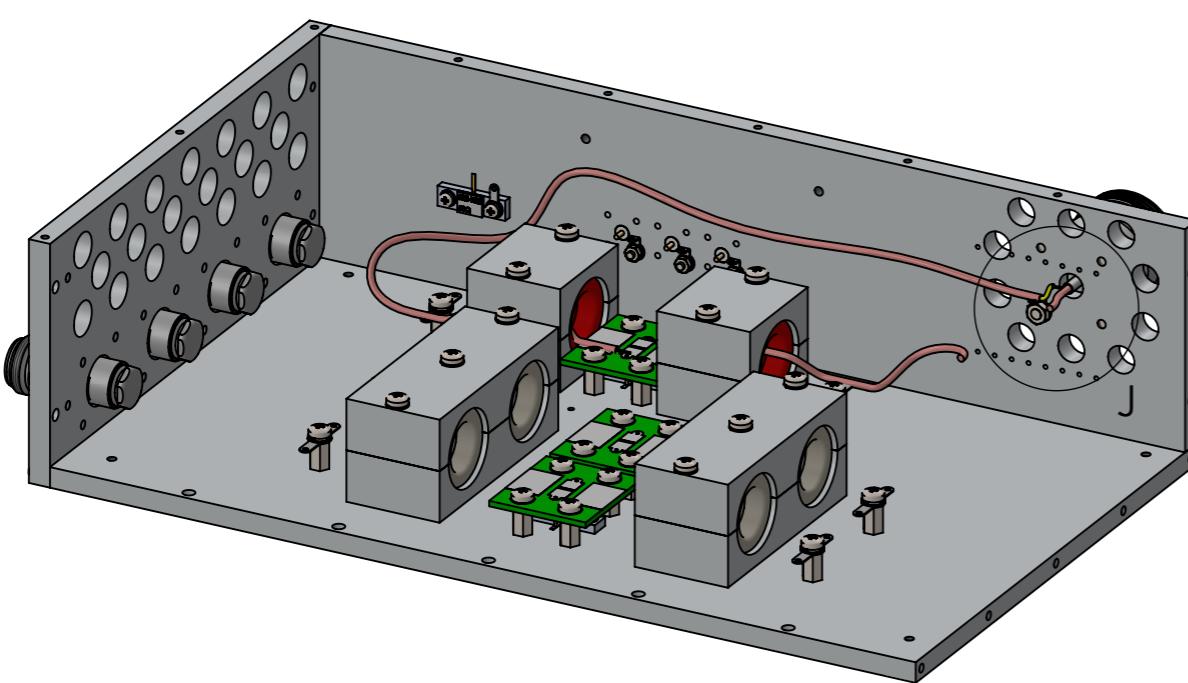


RIGHT VIEW

## NOTES:

BOBBIN & CABLE  
HIDDEN FROM VIEWS  
FOR CLARITY.

1. CABLE - UT141-25 NOT DRAWN TO SCALE.
2. D1 - 5 TURNS OF UT141-25 THRO' ETD39. SEE SHEET 6 FOR MORE  
DETAIL.



TITLE:	Combiner Assembly	
DWG NO.	01	
A3		
1		

8

7

6

5

4

3

2

1

WEIGHT: 2371.78g

SCALE:1:2

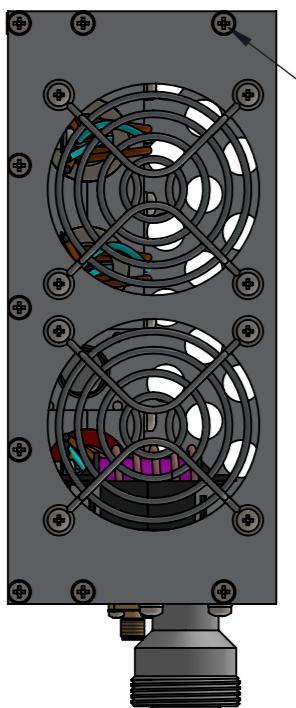
SHEET 5 OF 8

8 7 6 5 4 3 2 1

F

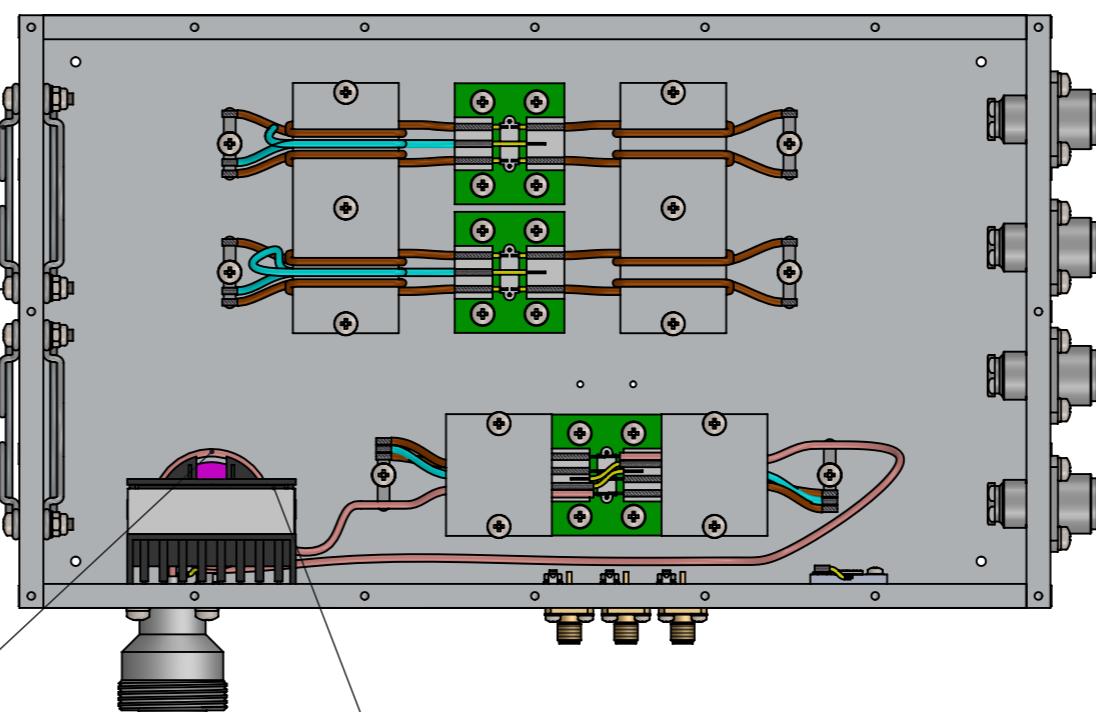
F

FRONT VIEW

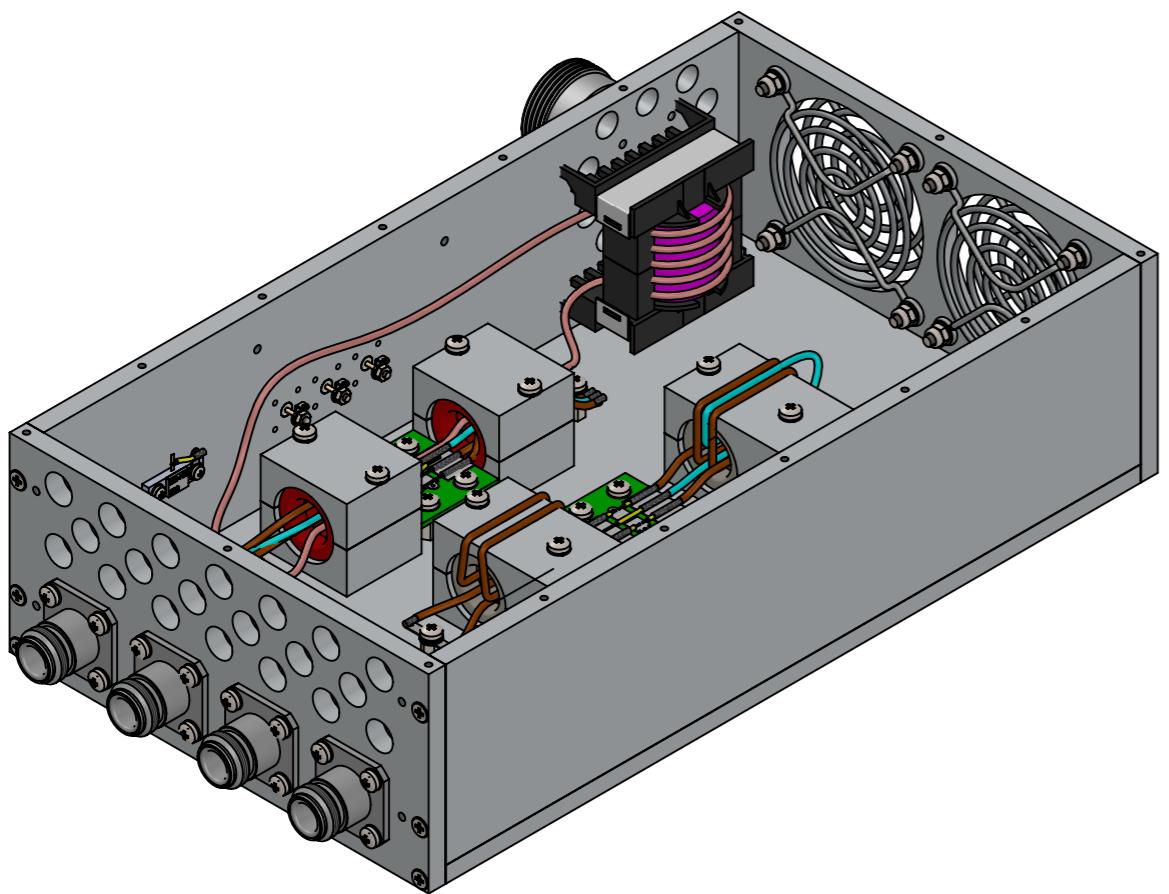
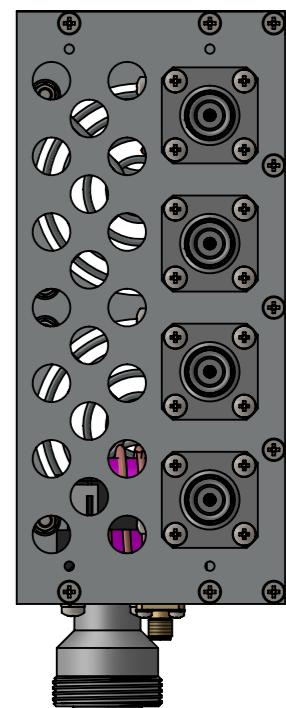


60 9

TOP VIEW



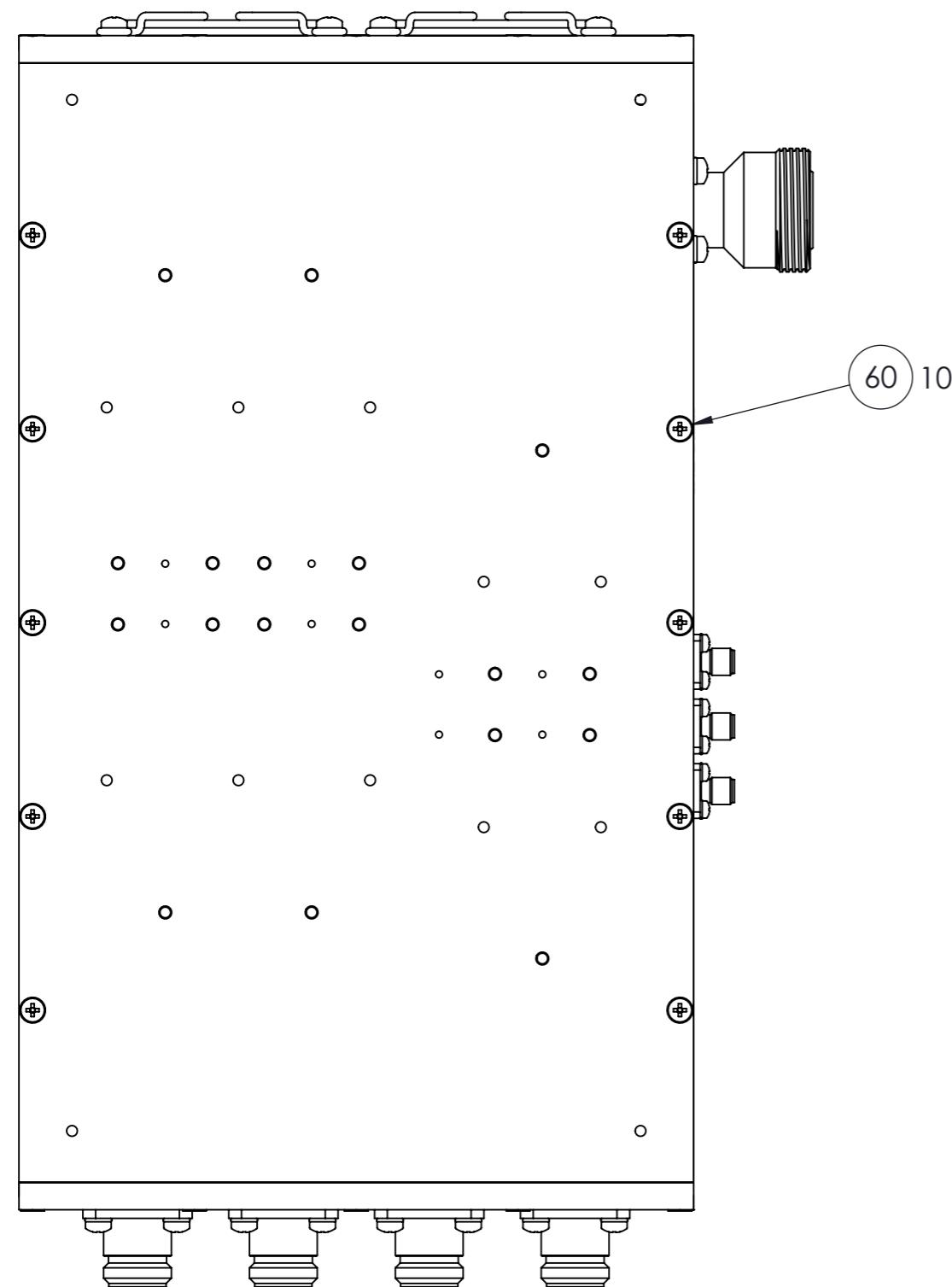
REAR VIEW



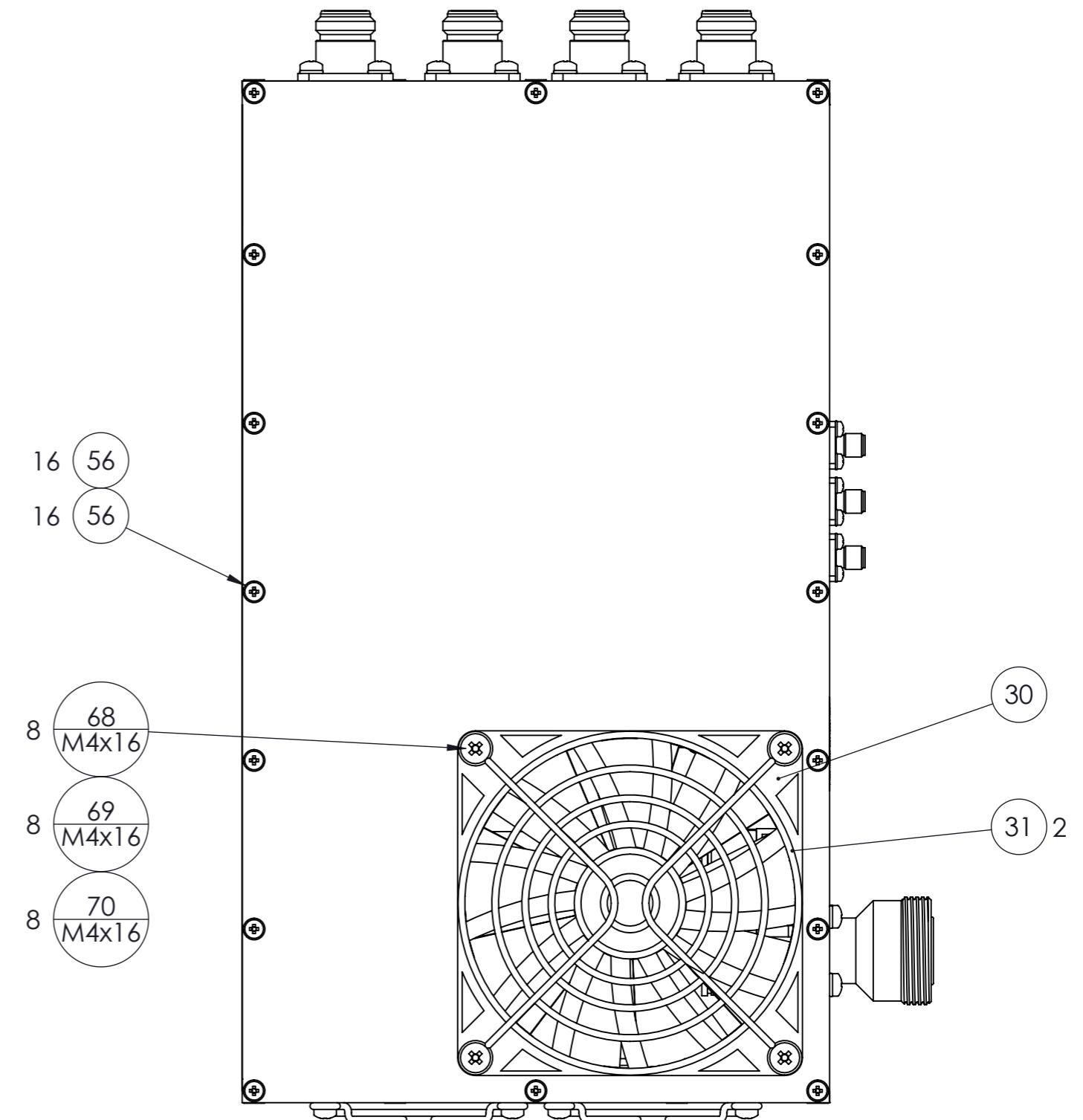
TITLE:  
Combiner  
Assembly  
DWG NO.  
01  
A3  
SCALE:1:2  
WEIGHT: 2371.78g  
SHEET 6 OF 8

8 7 6 5 4 3 2 1

BOTTOM VIEW



TOP VIEW



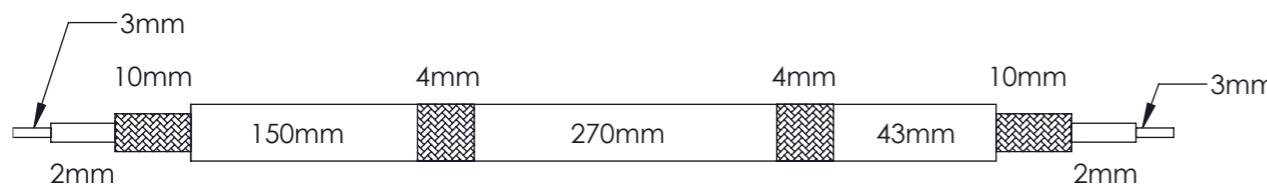
## NOTES:

1. ITEM 30 ORIENTATED TO BLOW AIR INTO 2920

TITLE: Combiner Assembly  
 DWG NO. 01 A3  
 WEIGHT: 2371.78g SCALE:2:3 SHEET 7 OF 8

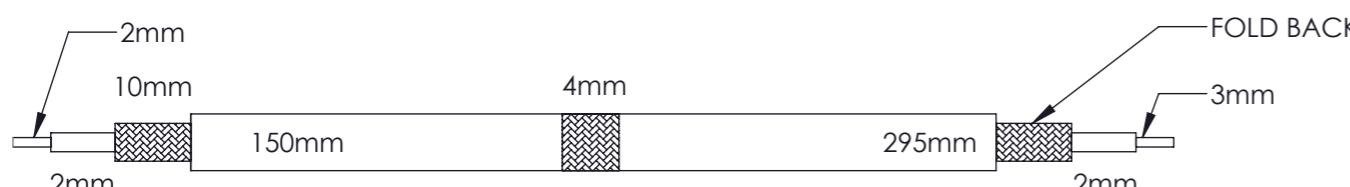
8 7 6 5 4 3 2 1

RG303



A1, A2, B1, B2:

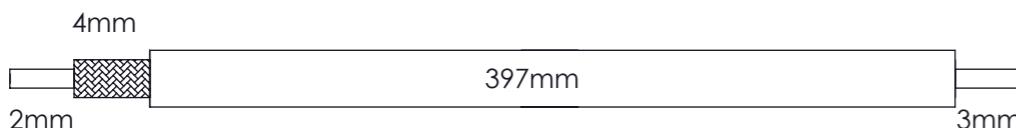
1. TOTAL LENGTH OF EACH CABLE TO BE 501mm.
2. CUT RG303 AT 530mm



IN1, IN2, IN3, IN4:

1. TOTAL LENGTH OF EACH CABLE TO BE 469mm.
2. CUT RG303 AT 510mm
3. STRIP BACK 15mm & FOLD BACK BRAID. ENSURE NUT AND WASHERS ARE ON CABLE

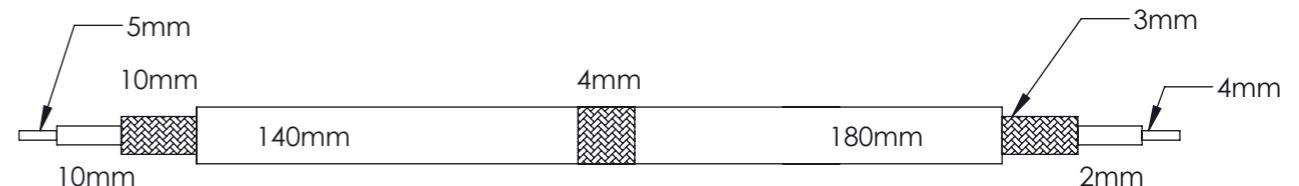
UT141-25



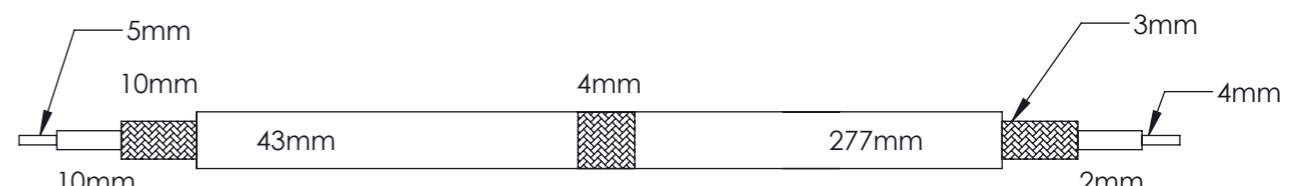
D1, D2:

1. TOTAL LENGTH OF EACH CABLE TO BE 406mm.
2. CUT UT141-25 AT 425mm

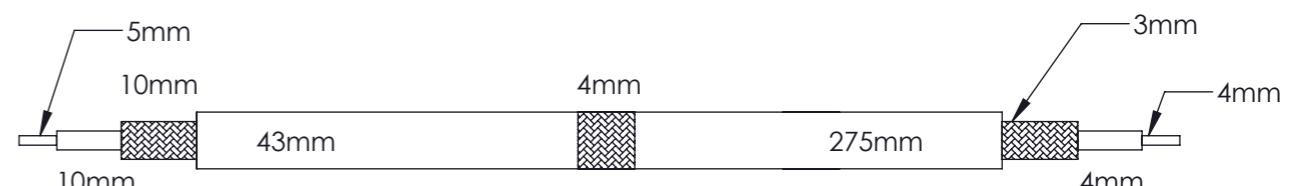
RG178



ISOL 1 + ISOL 2



ISOL 3



C1

ISO1, ISO2, ISO3, C1:

1. TOTAL LENGTH OF EACH CABLE TO BE 358mm
2. CUT RG178 AT 380mm

NOTES:

1. NOT DRAWN TO SCALE.

TITLE:	Combiner Assembly	
DWG NO.	01	
A3		
WEIGHT: 2371.78g	SCALE: 1:2	SHEET 8 OF 8

8 7 6 5 4 3 2 1