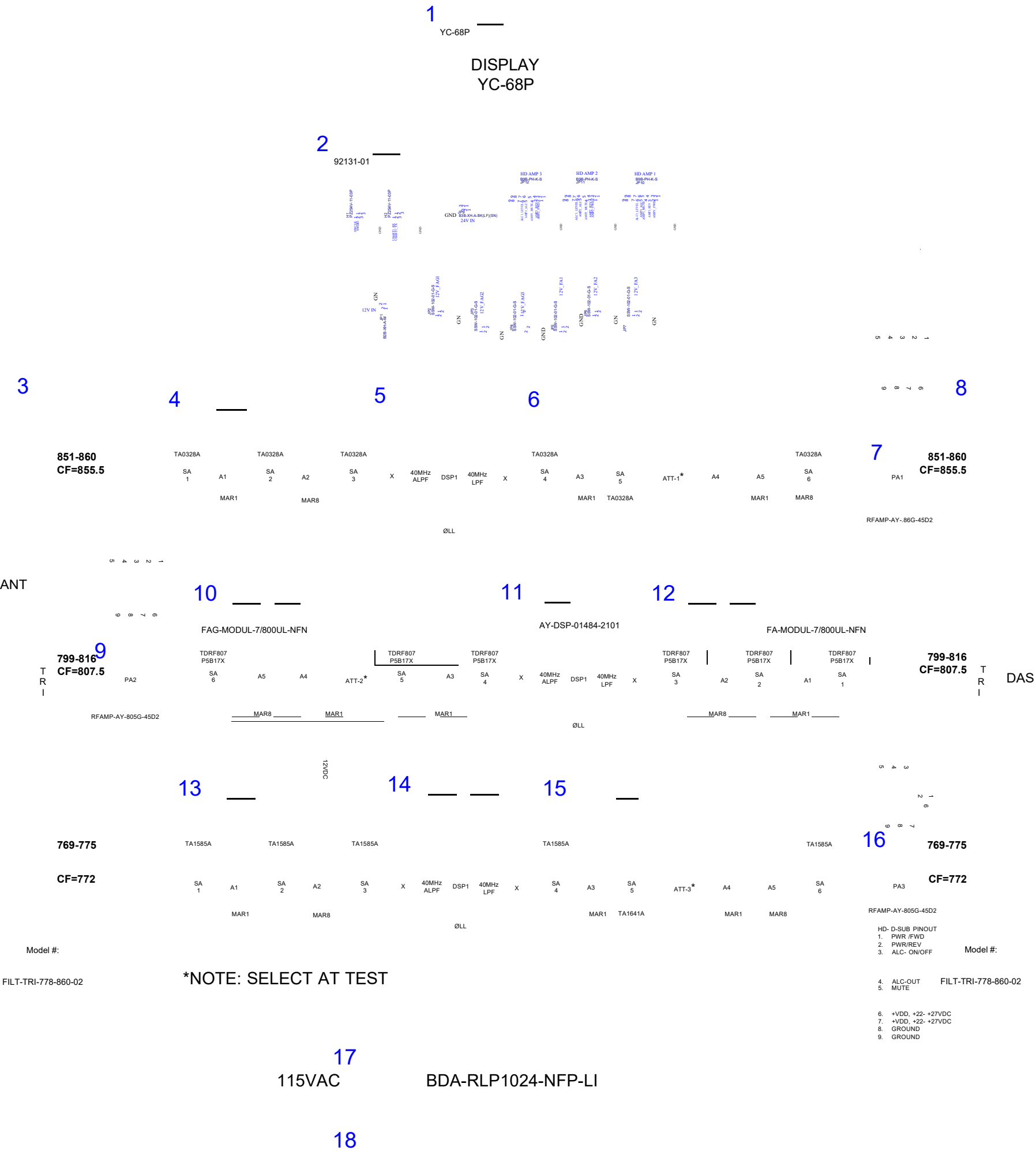




Photos for BDA mdl. 700/800 MHz Channelized Bi-Directional Amplifier Model 2.

Refer to this BD of the BDA. All photos that define the BDA are numbered 1- xx and keyed to each

photos should fulfill the requirements for FCC which follows: EUT photos, internal and external,

showing all faces of the device and all circuitry, and one shot per page. Photos shall show top and bottom of each circuit board, also with shields

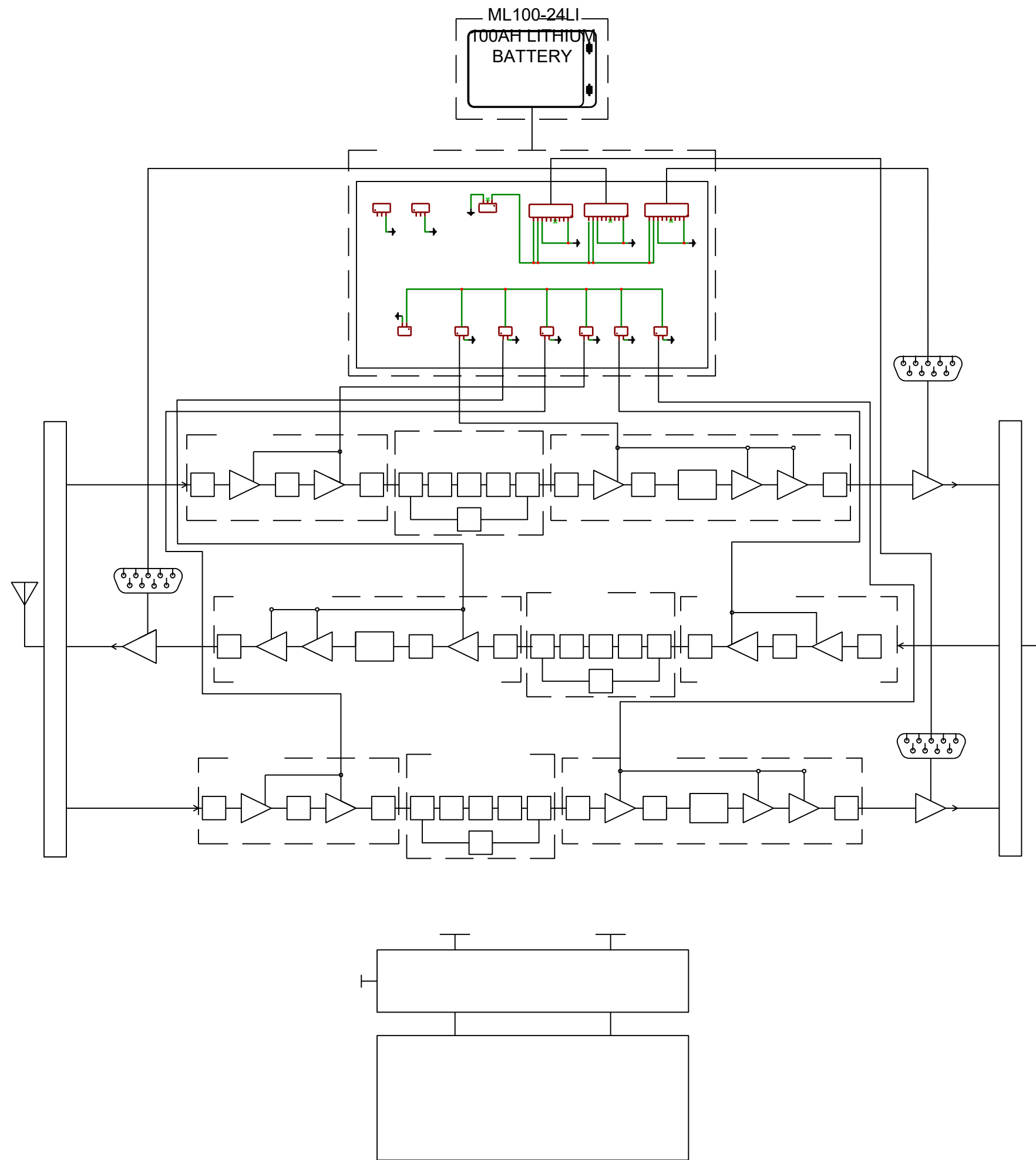
eliminated. Internal photos shall show the component placement on the chassis and the chassis

assembly. If components are covered by an insulator, provide a photo with the cover on, and one with the cover removed. External photos shall show

used with the device (if any), and the

controls available to the user. Please provide as ONE legible PDF

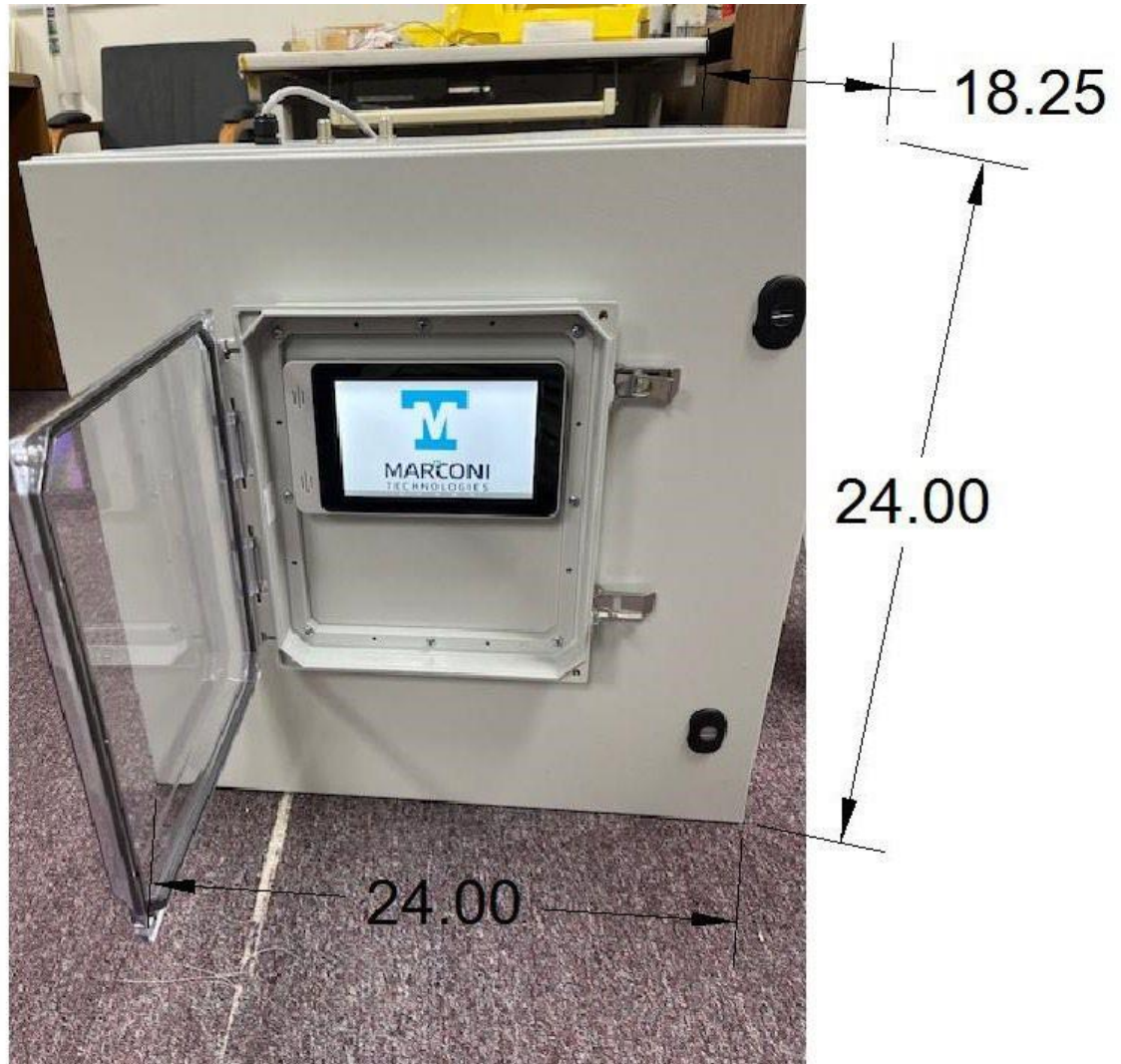
document for internal photos and ONE for external photos.



Marconi BDA Pics

#	Diagram #	DESCRIPTION	PART #
1	System	BDA Cabinet (Front)	TBD
2	2	Control Card (Bottom)	82-131-01 RC
3	2	Control Card (Top)	82-131-01 RC
4	5,11,14	DSP Board (Bottom)	DSP REV A1
5	5,11,14	DSP Board (Top)	DSP REV A1
6	12	FA-7/800MHz-UL (Bottom)	82-125-02
7	12	FA-7/800MHz-UL (Top)	82-125-02
8	13	FA-700MHz-DL (Bottom)	82-125-01
9	13	FA-700MHz-DL (Top)	82-125-01
10	4	FA-800MHz-DL (Bottom)	82-125-01
11	4	FA-800MHz-DL (Top)	82-125-01
12	10	FAG-7/800MHz-UL (Bottom)	82-125-12
13	10	FAG-7/800MHz-UL (Top)	82-125-12
14	15	FAG-700MHz-DL (Bottom)	82-125-10
15	15	FAG-700MHz-DL (Top)	82-125-10
16	6	FAG-800MHz-DL (Bottom)	82-125-10
17	6	FAG-800MHz-DL (Top)	82-125-10
18	10	FAG-7/800MHz-UL (Housing)	82-125-02
19	10	FAG-700MHz-DL (Housing)	82-125-01
20	12	FA-7/800MHz-UL (Housing)	82-125-12
21	13	FA-700MHz-DL (Housing)	82-125-01
22	4	FA-800MHz-DL (Housing)	82-125-10
23	All	Filter Tray (Front)	TBD
24	All	Filter Tray (Top)	TBD
25	7	HD Amplifier (Back)	RFAMP-.86G-45D1
26	7	HD Amplifier (Front)	RFAMP-.86G-45D1
27	9,16	HD Amplifier (Back)	RFAMP-.805G-45D1
28	9,16	HD Amplifier (Front)	RFAMP-.805G-45D1
29	3,8	Triplexer (Front)	FILT-TRI-778-860-02
30	3,8	Triplexer Tray (Rear)	FILT-TRI-778-860-02

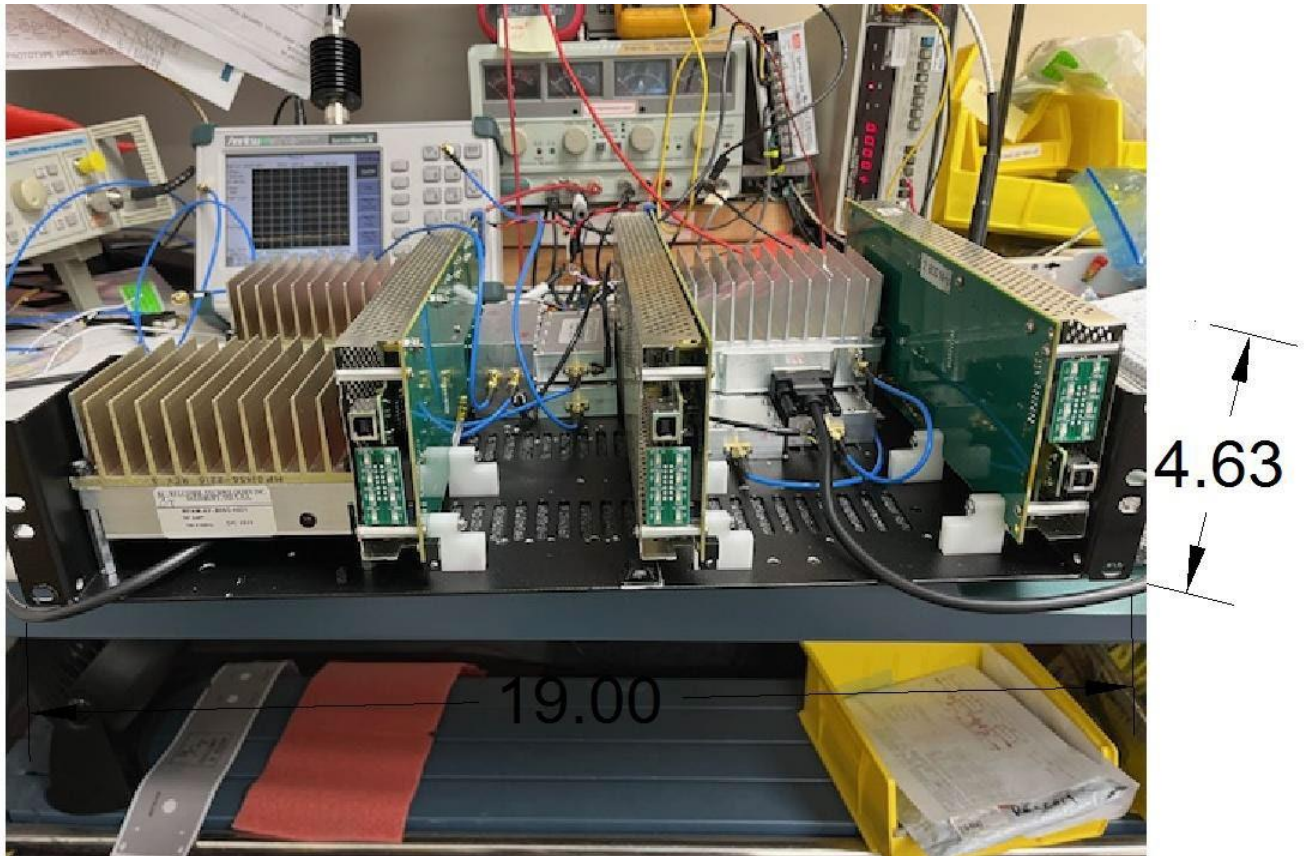
(System) BDA-700/800/NFN-01





BDA- DOOR OPEN

(ALL) Filter Tray Assembly

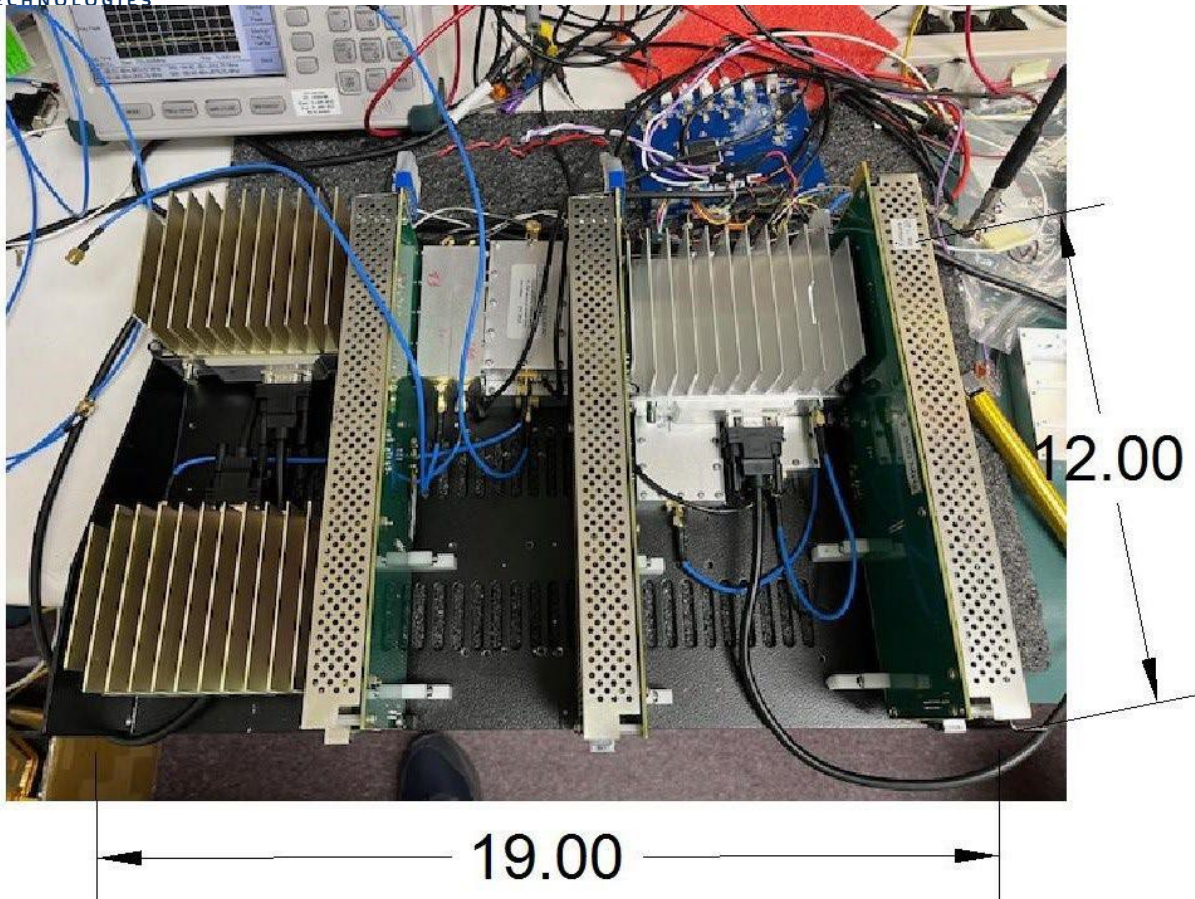


Filter Tray Assembly- Front



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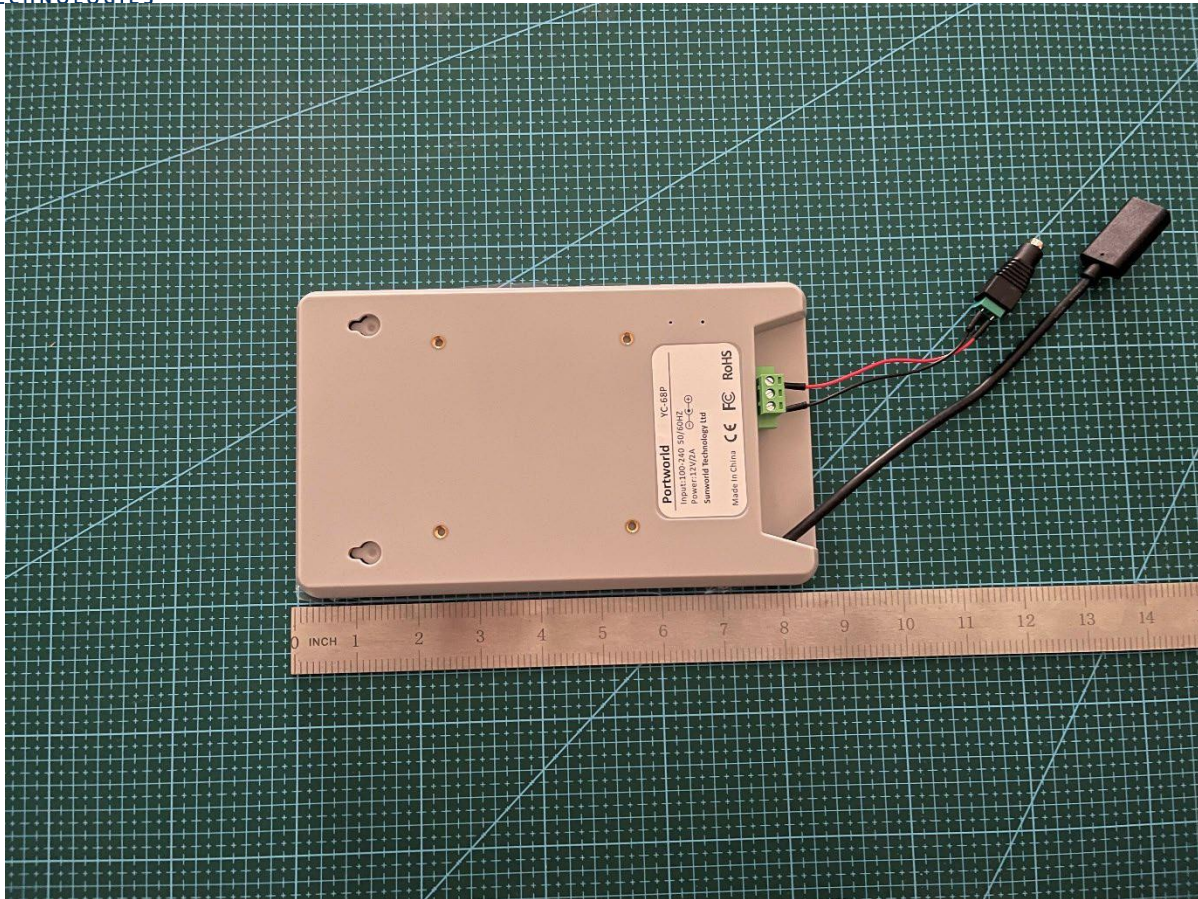


Filter Tray Assembly-TOP

(1) YC-68P

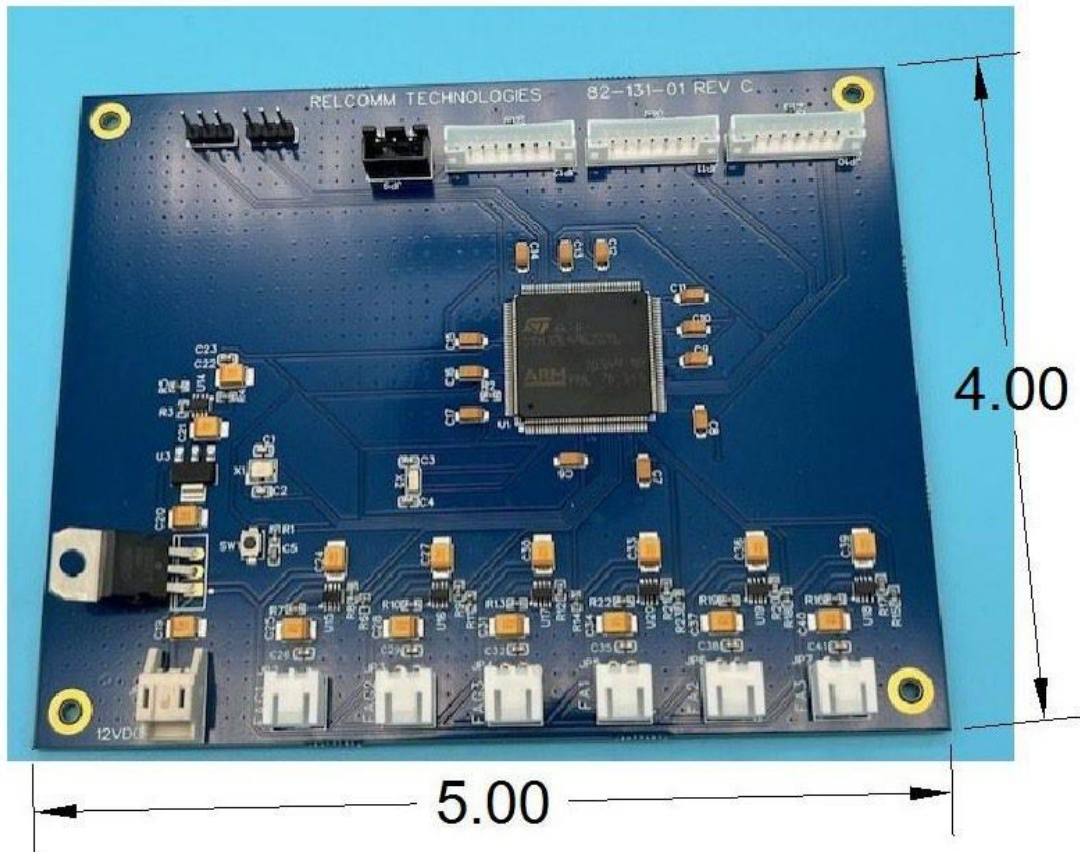


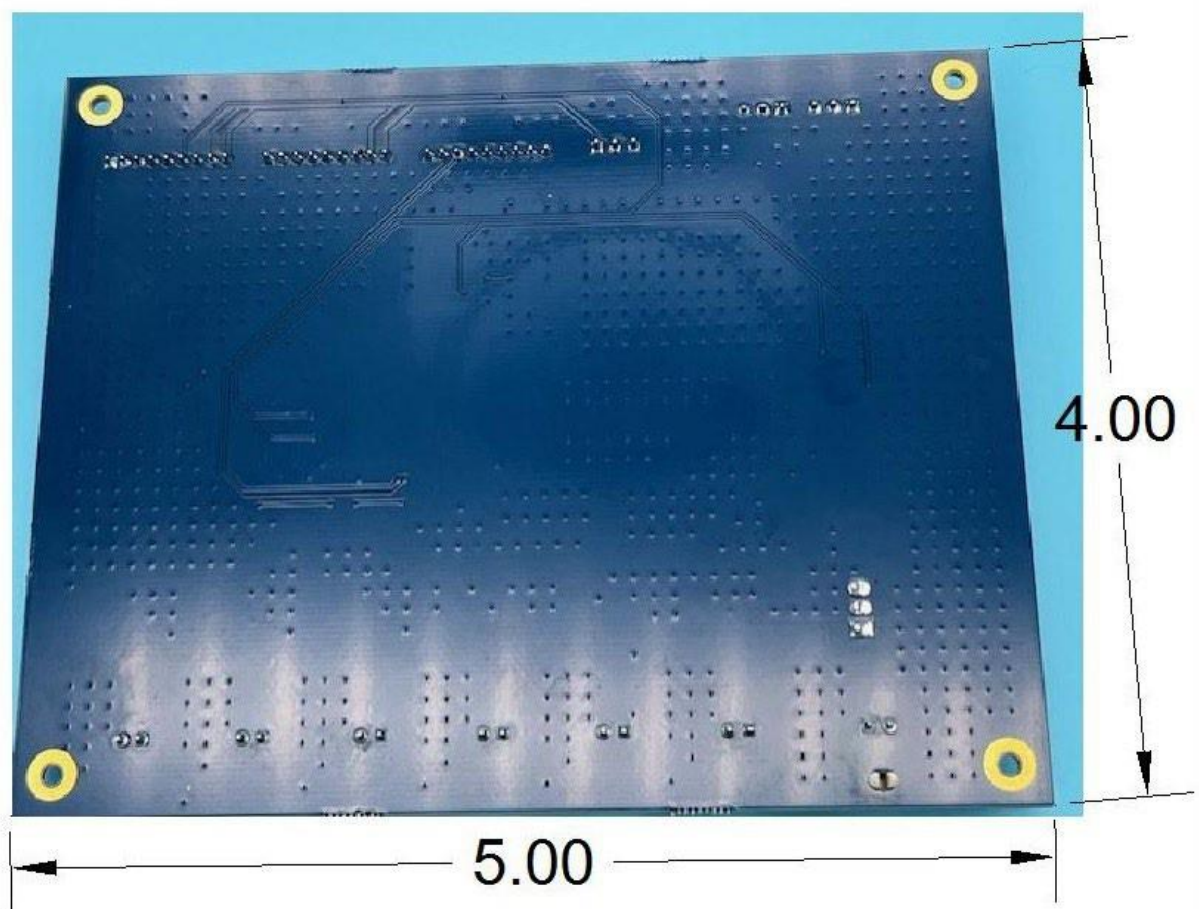
FRONT



BACK

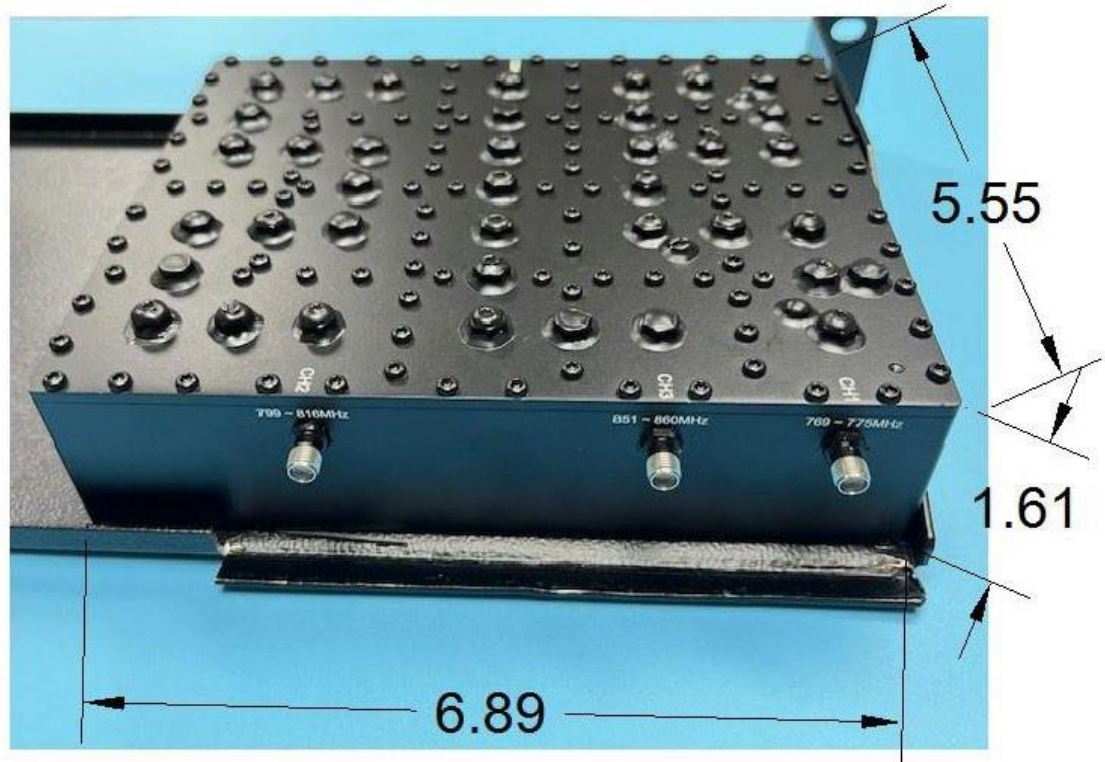
(2) CONTROL CARD 82-131-01

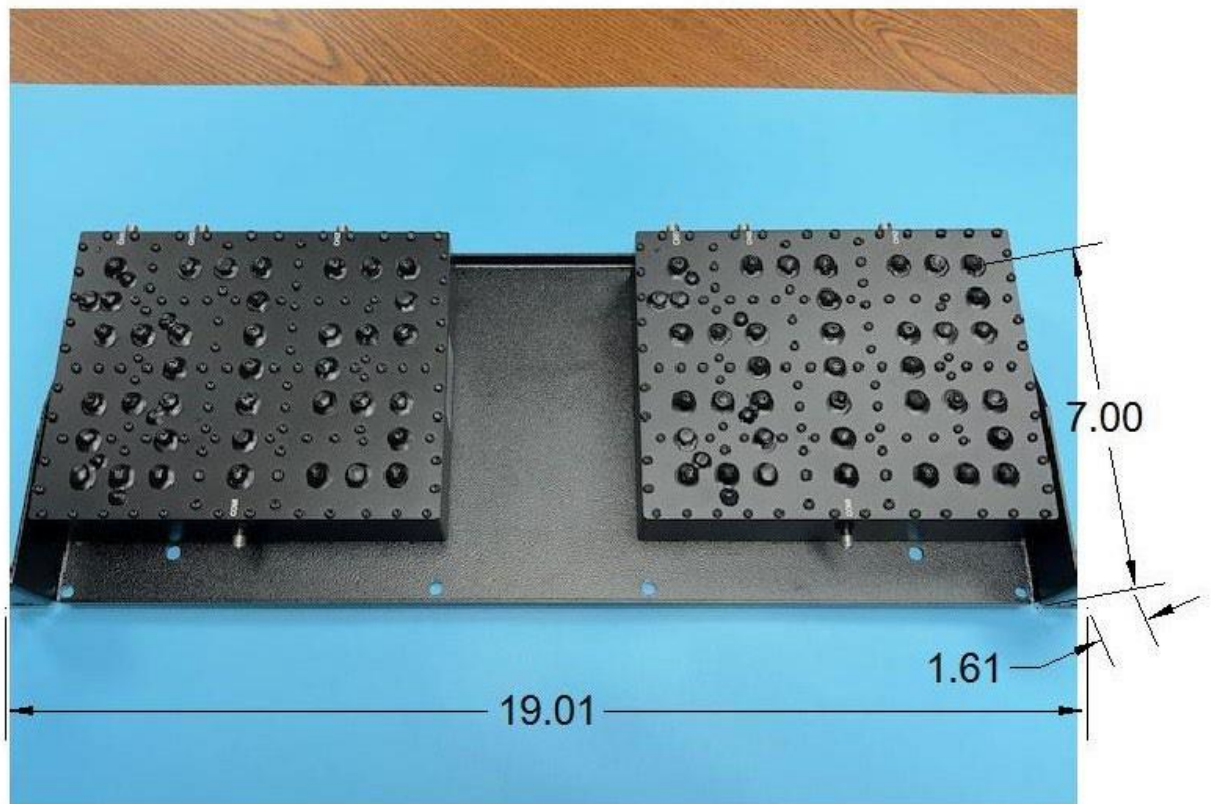




82-131-01- BOTTOM

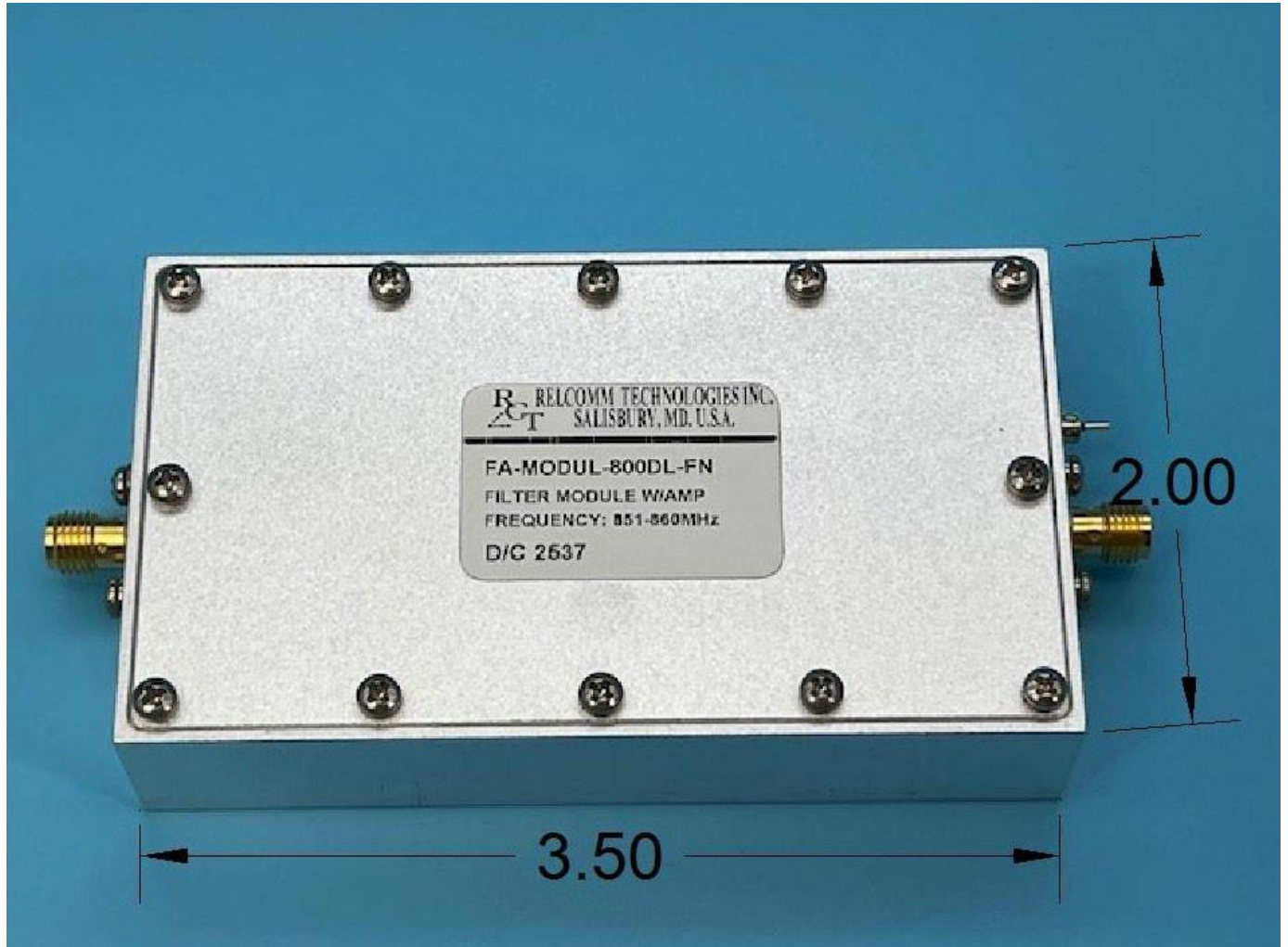
(3,8) FILT-TRI-778-860-02



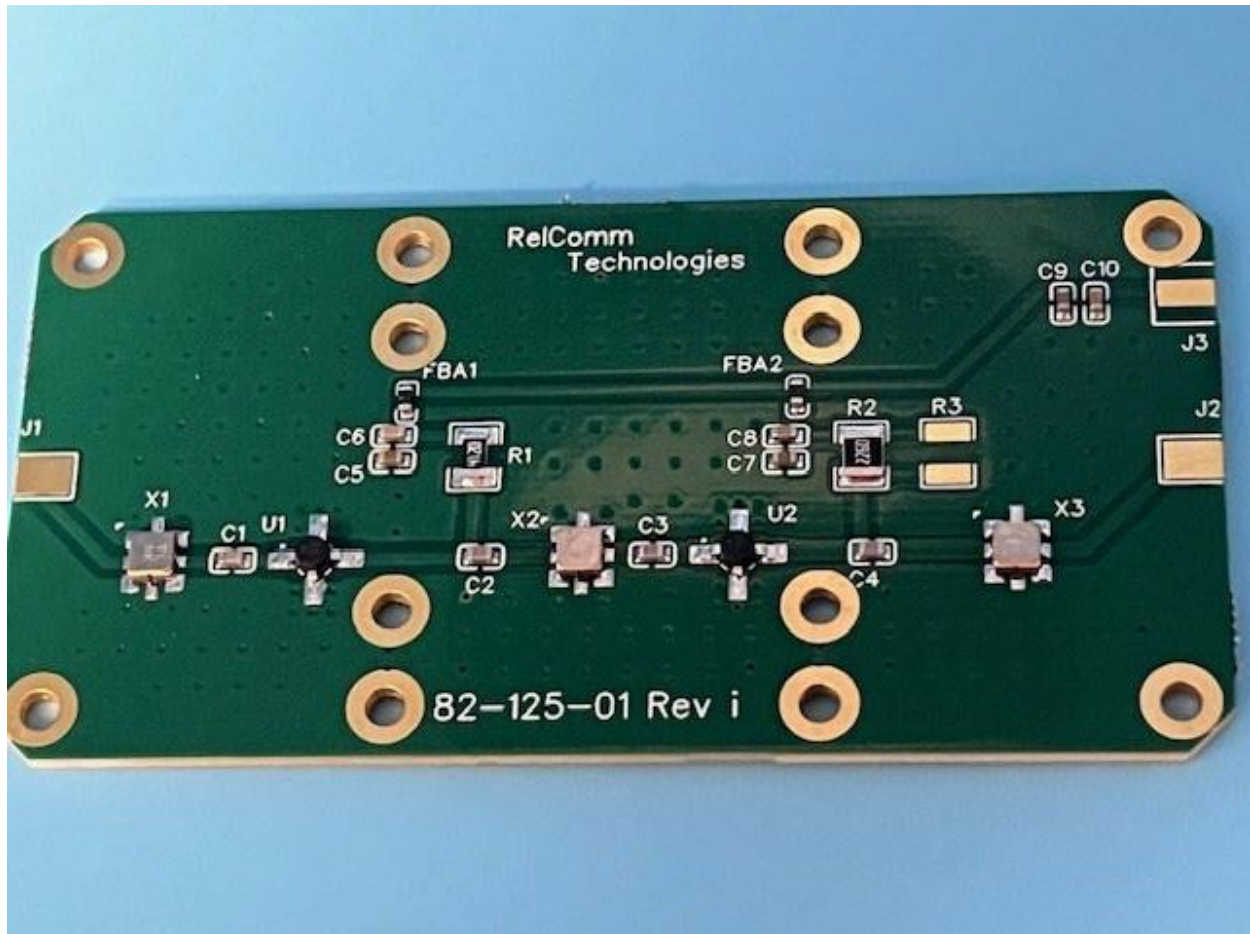


FILT-TRI-778-860-02-TRAY

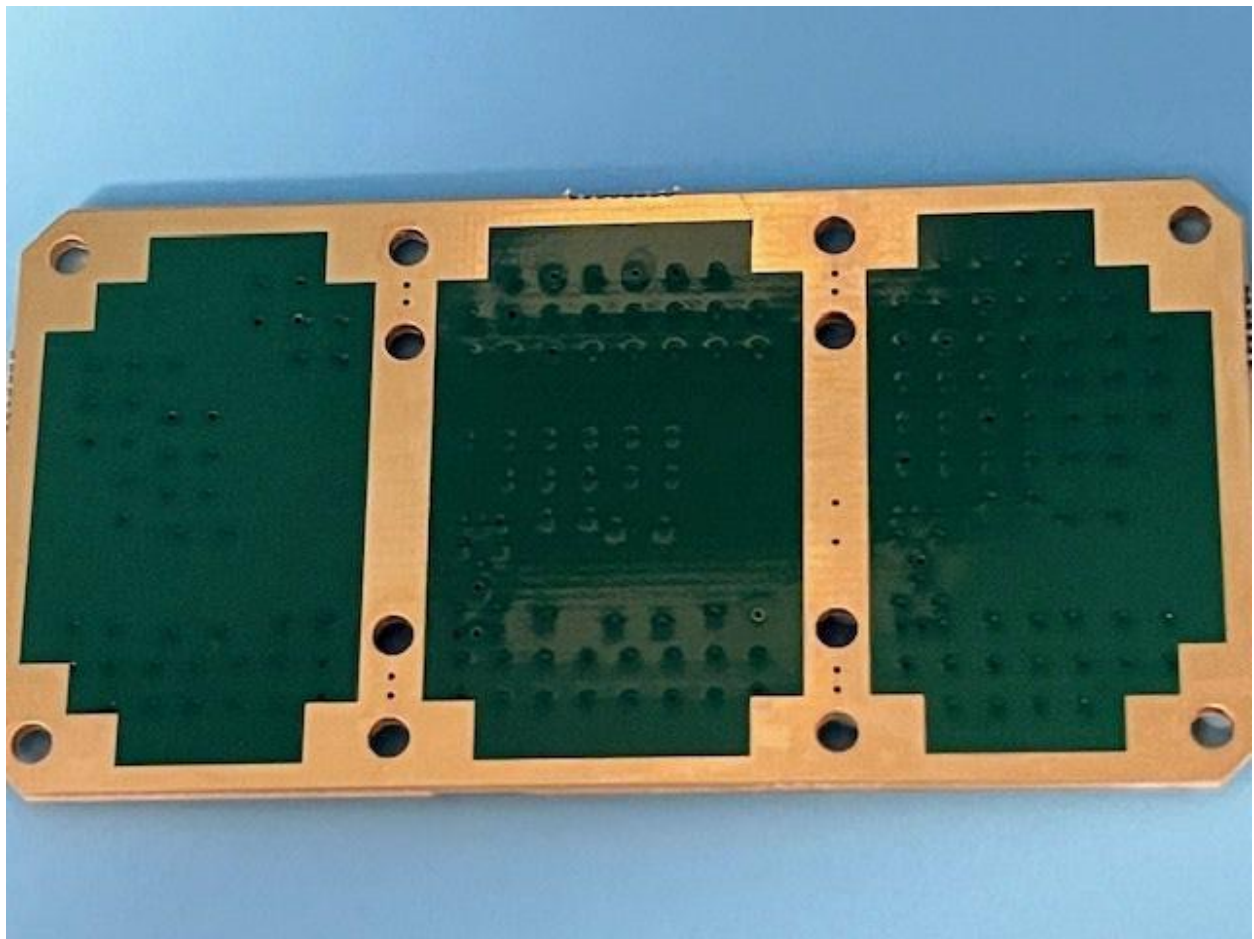
(4) FA-MODL-800DL-FN



FA-MODUL-800DL-FN/ Housing

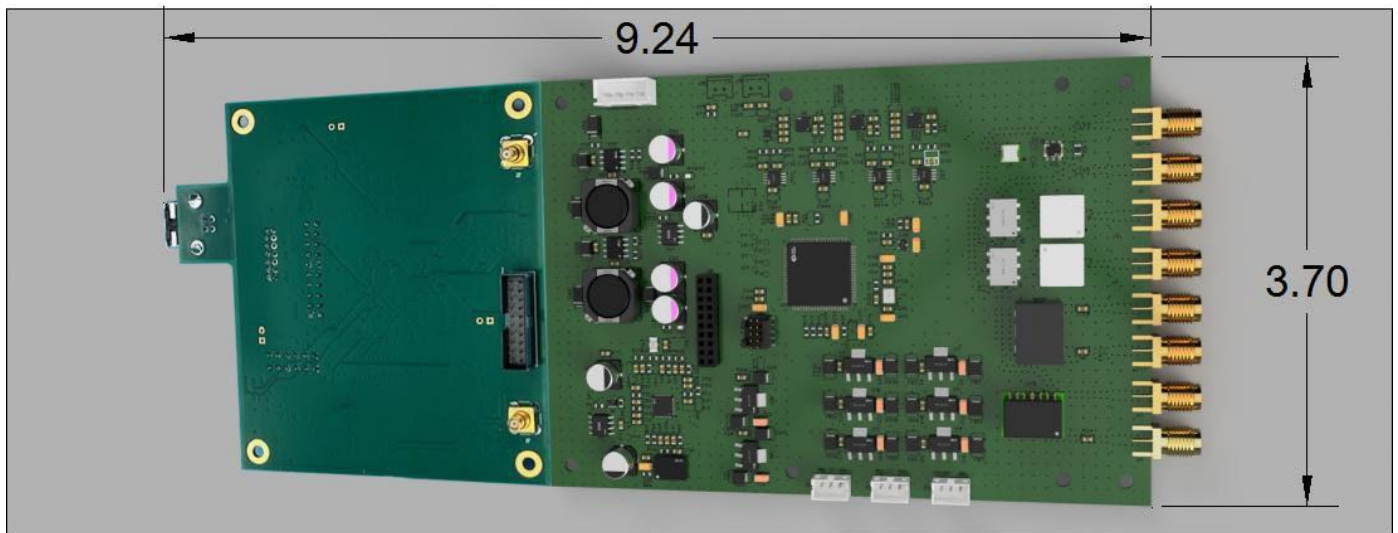


FA-MODUL-7-800UL-FN/ Top of Board



FA-MODUL-800DL-FN/ Bottom of Board

(5,11,14) Channel Card

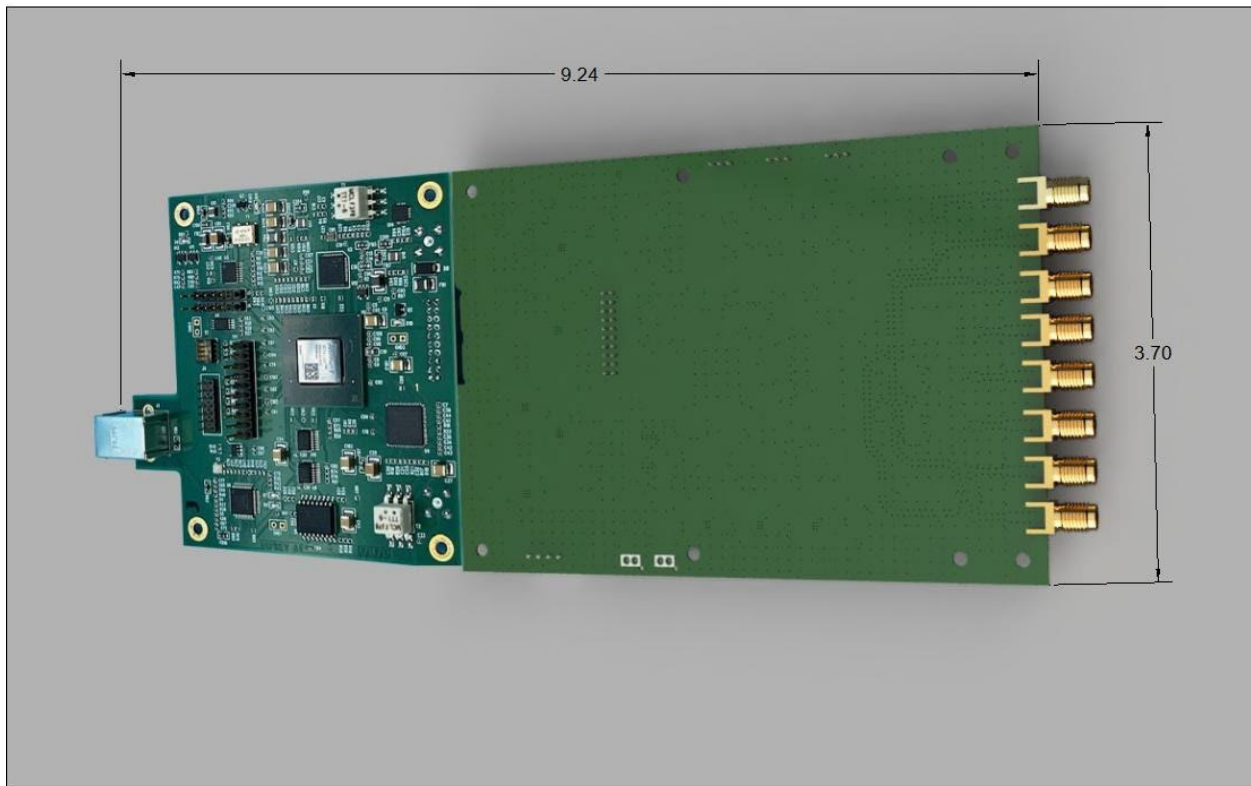


FRONT



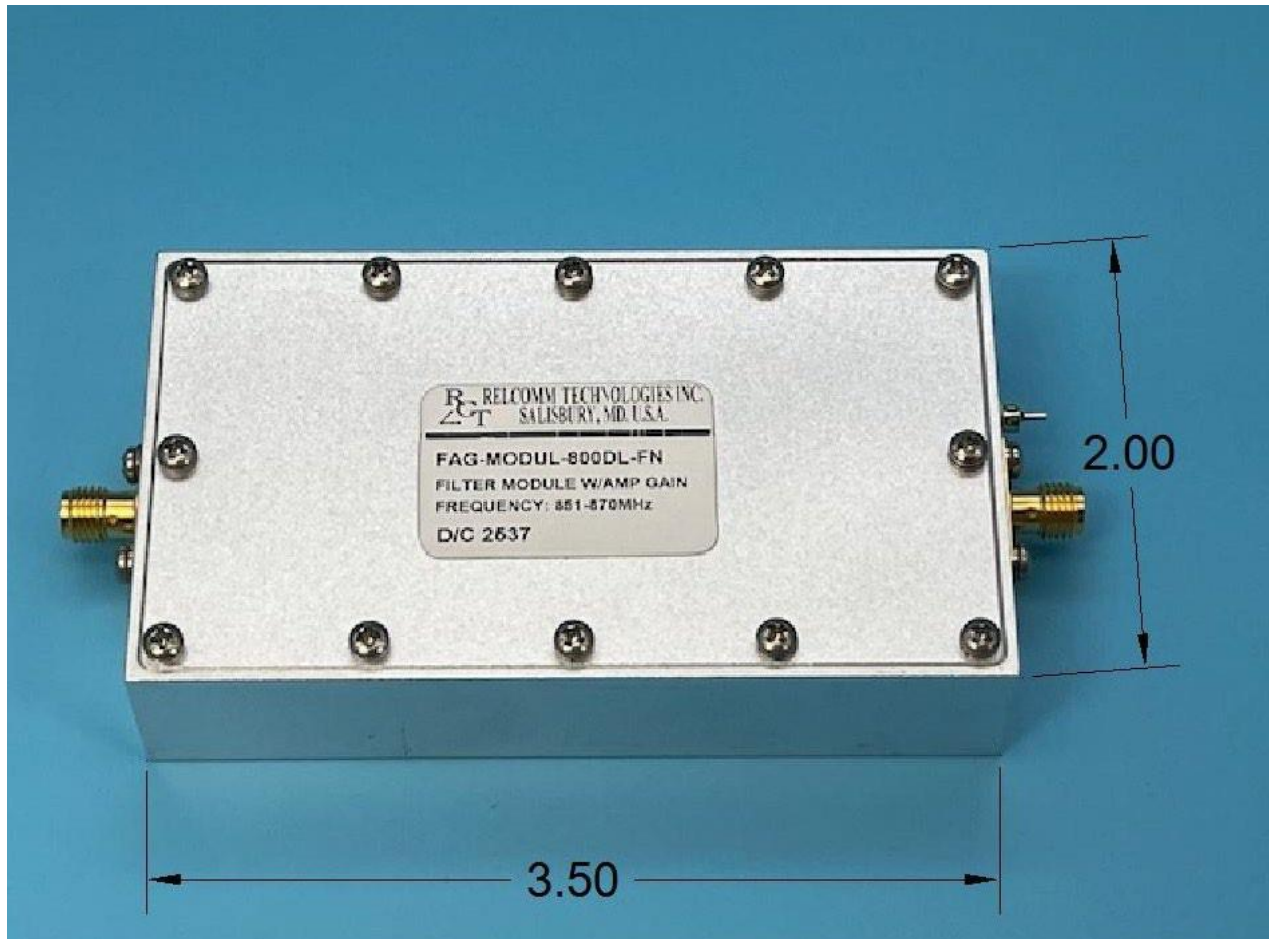
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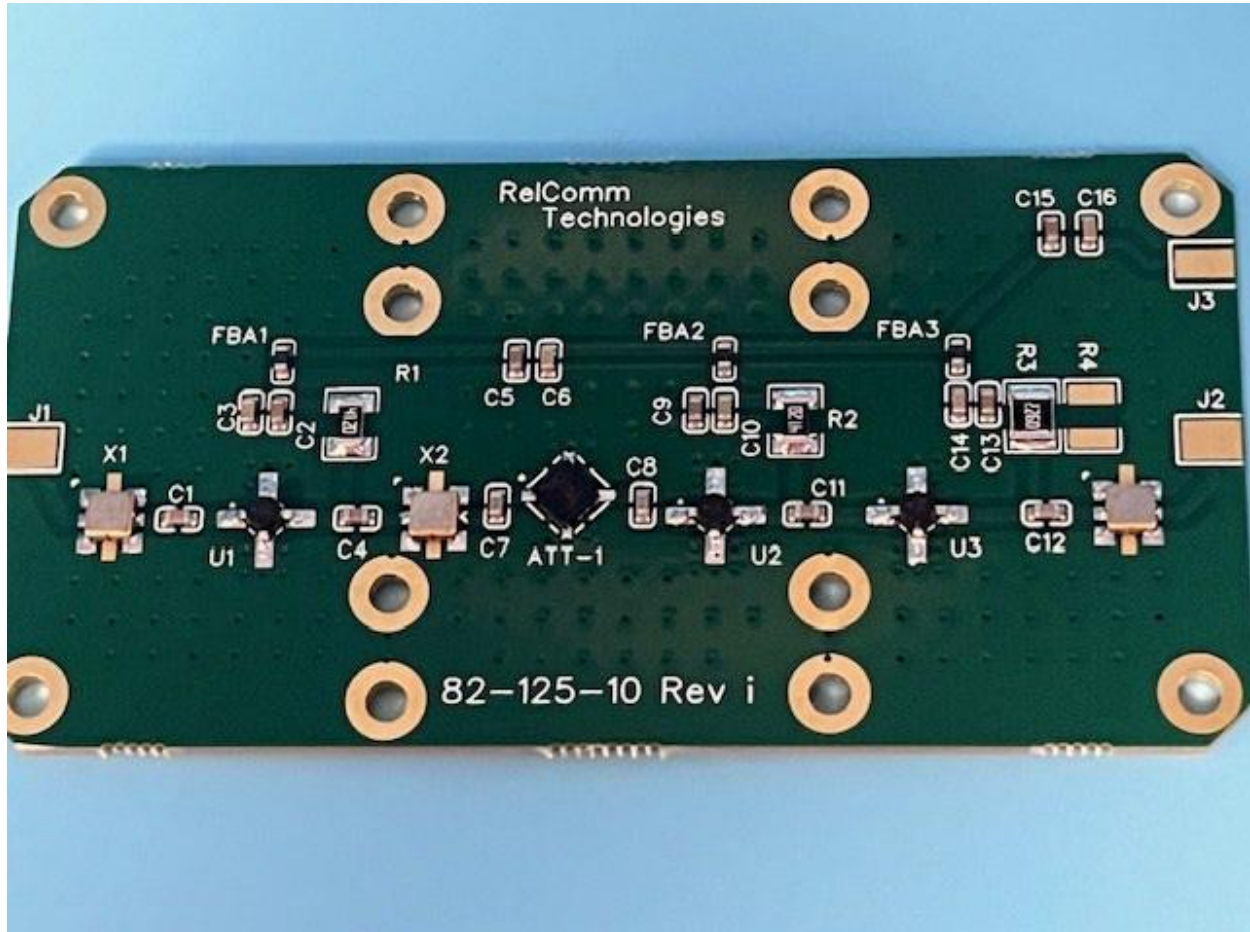


BACK

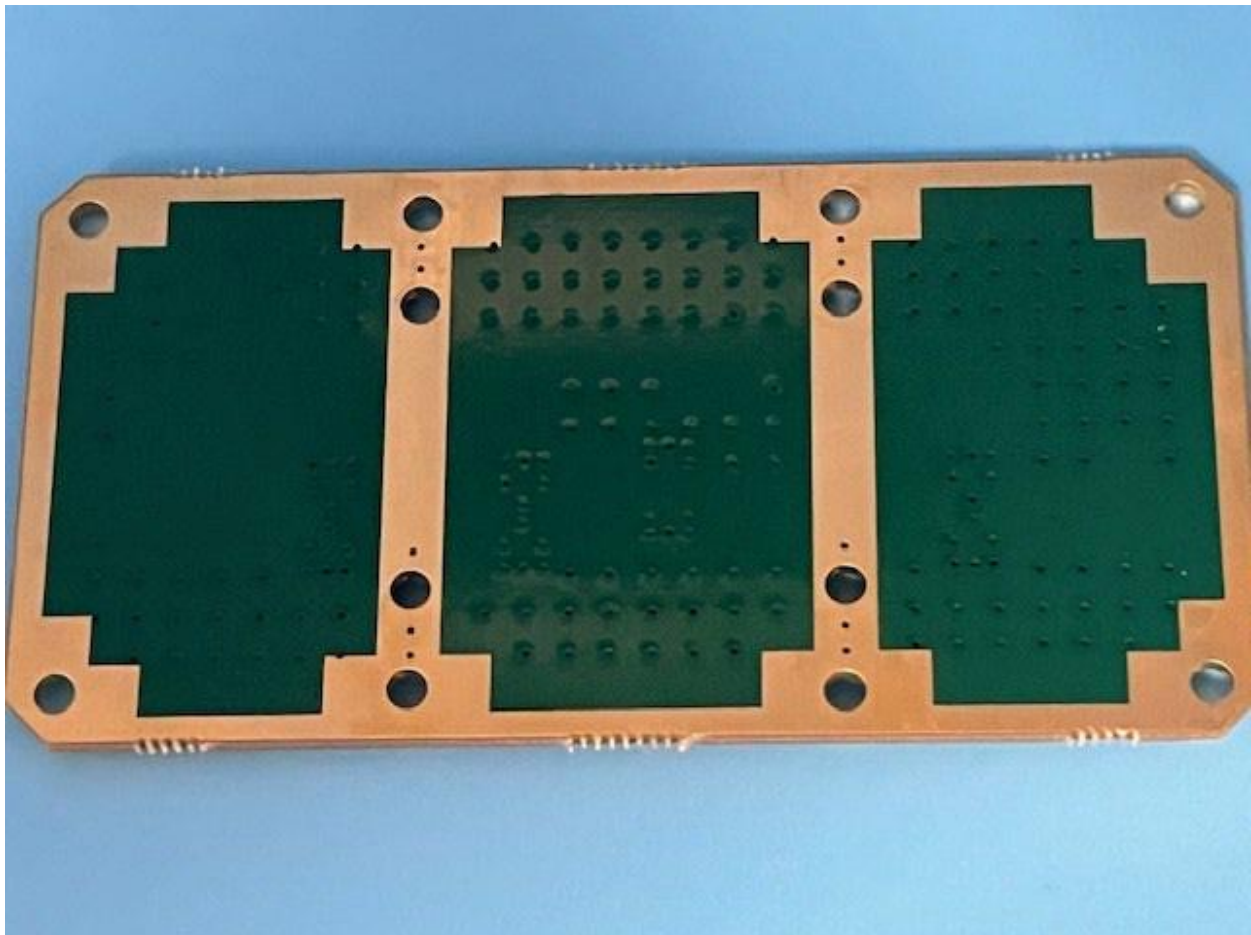
(6) FAG-MODL-800DL-FN



FAG-MODUL-800DL-FN/ Housing

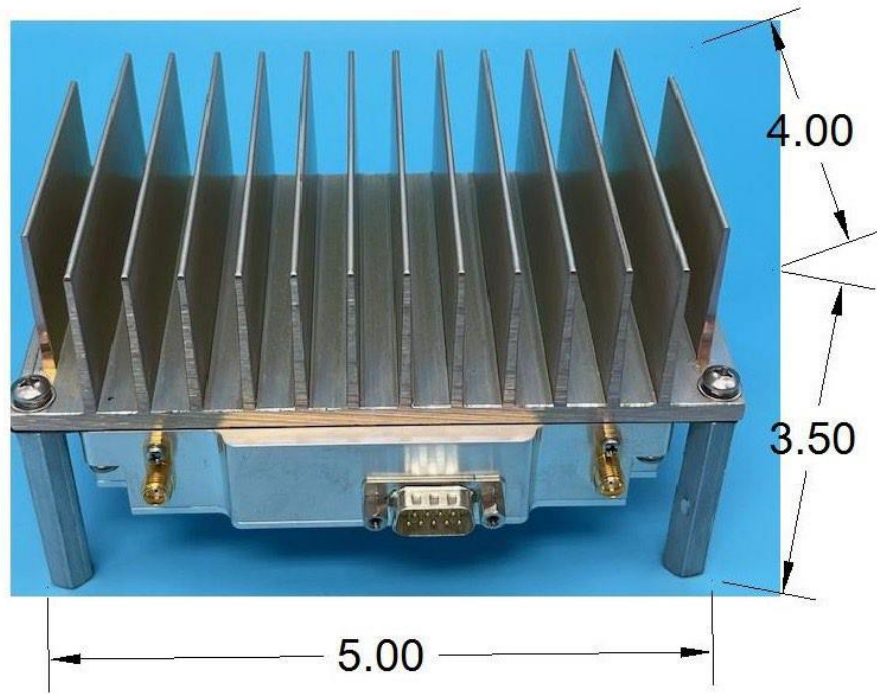


FAG-MODUL-800UL-FN/ Top of Board



FAG-MODUL-800DL-FN/ Bottom of Board

(7) RFAMP-AY-.86G-45D2



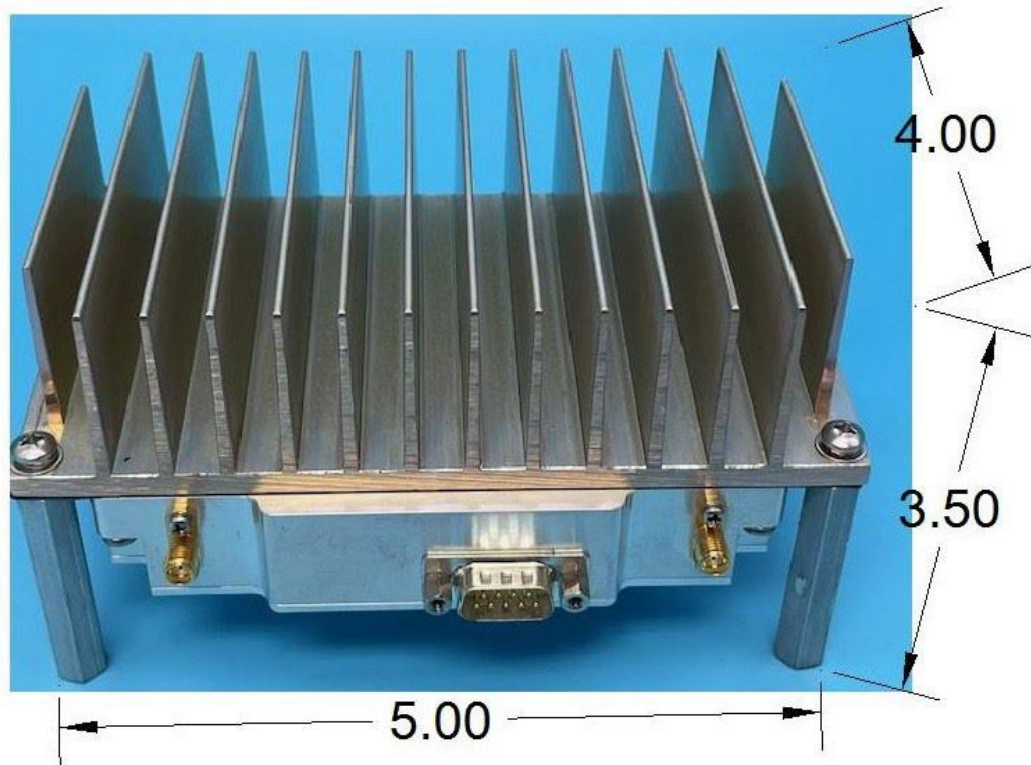
RFAMP-AY-.86G-45D2-FRONT

MECHANICAL SPECIFICATIONS



RFAMP-AY-.86G-45D2-BACK

(9,16) RFAMP-AY-.805G-45D1



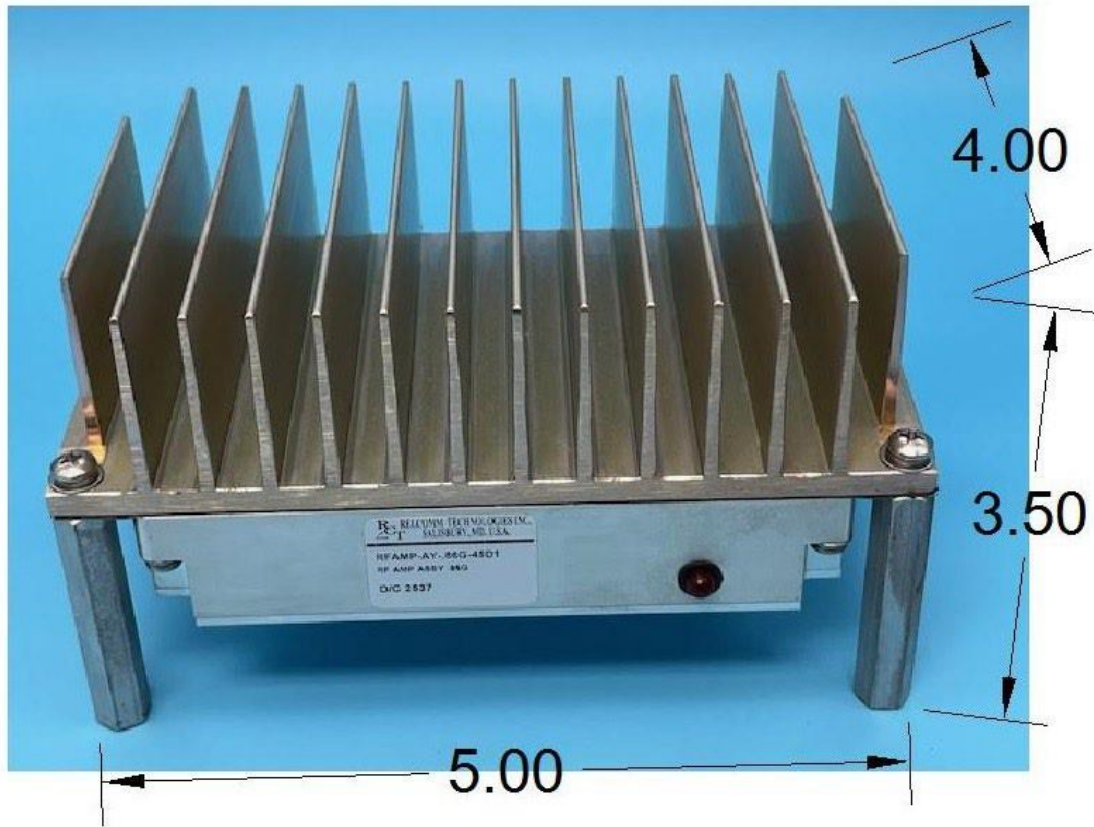
RFAMP-AY-.805G-45D2-FRONT



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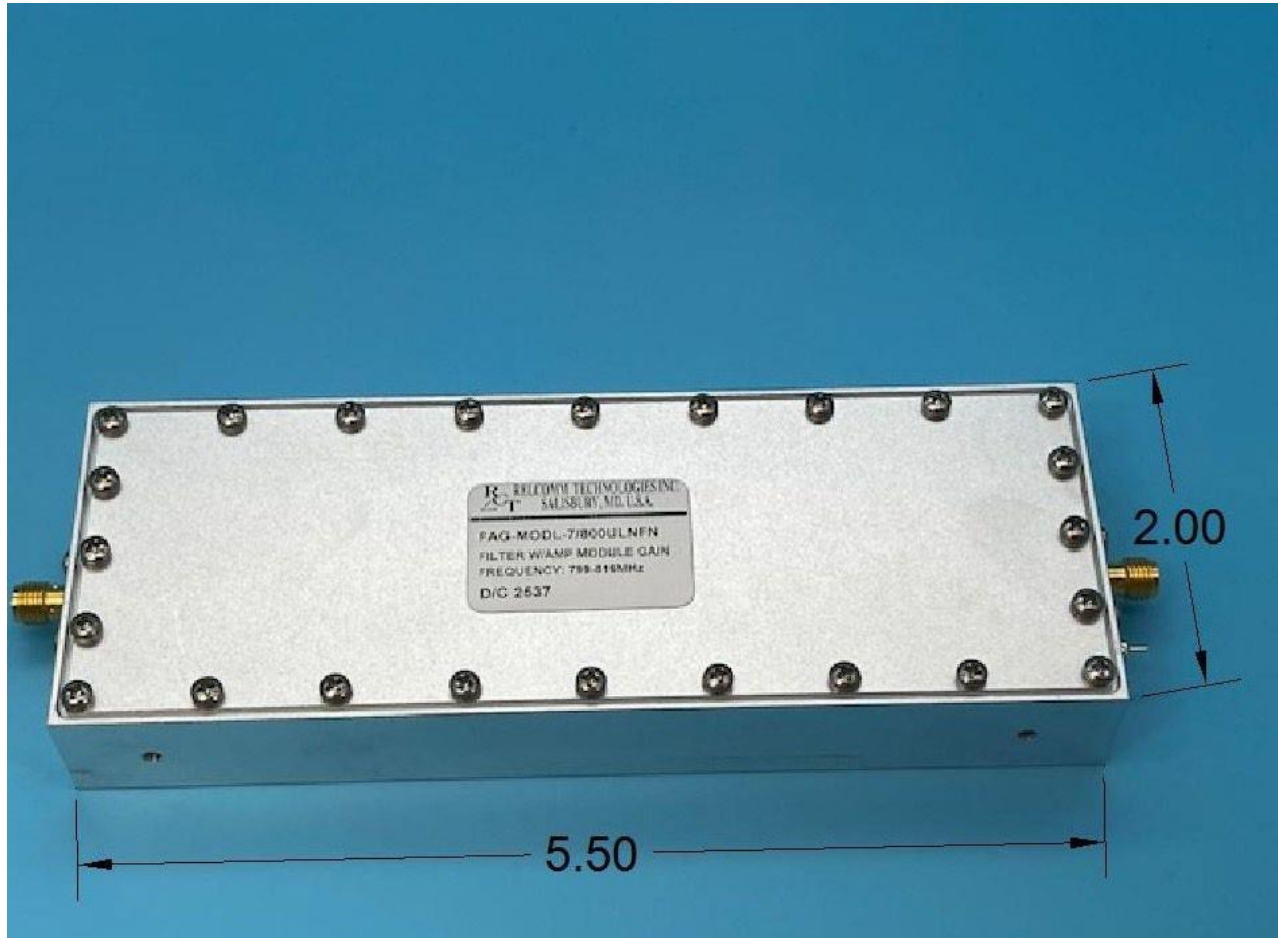
MECHANICAL SPECIFICATIONS

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RFAMP-AY-.805G-45D2-BACK

(10) FAG-MODL-7-800UL-NFN Rev. A



FAG-MODUL-7-800UL-NFN/ Housing

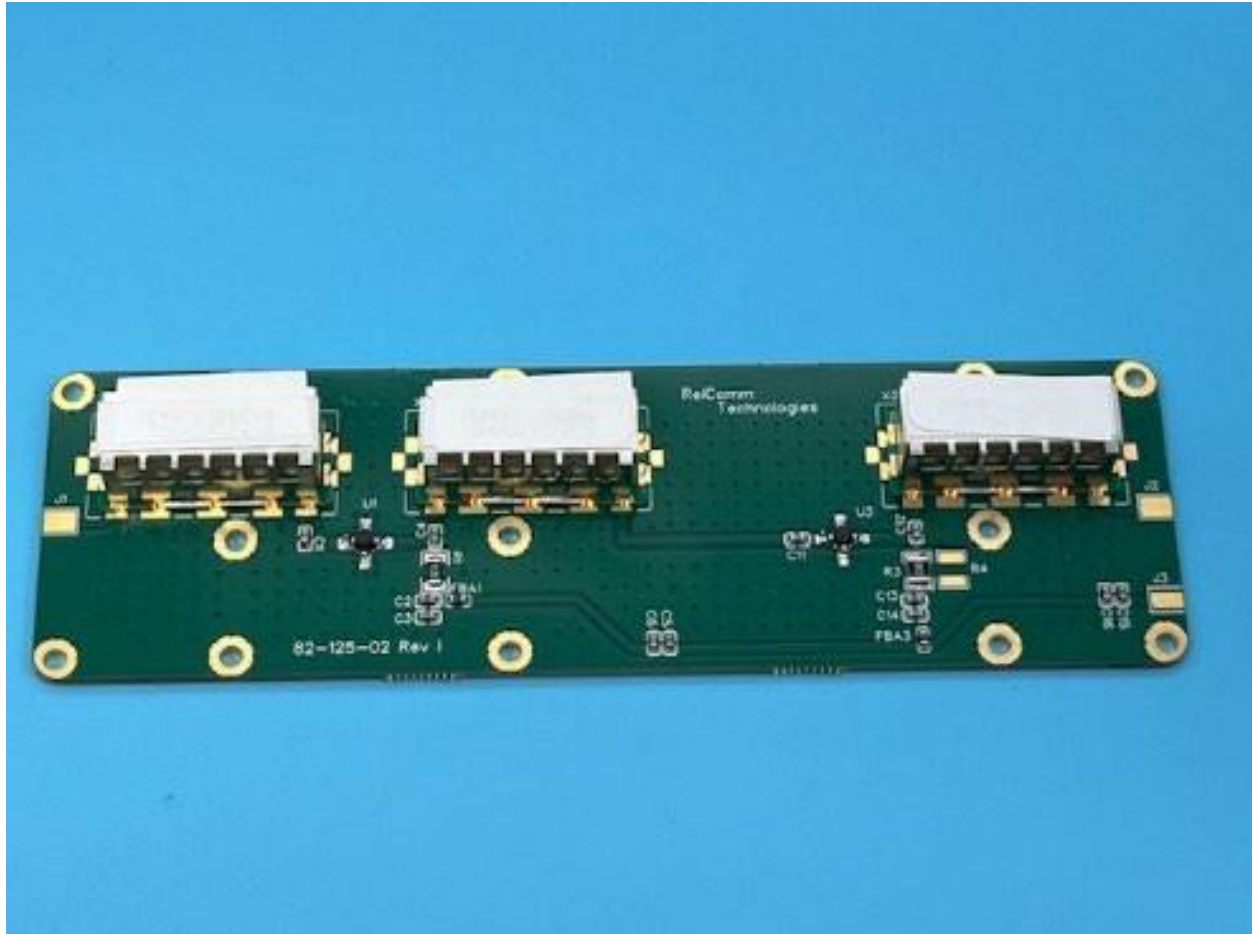
SPECIFICATIONS

Band: 804.5 MHz-FA

- Frequency Range: 793-816
- UL or DL: UL
- Gain: 32 dB
- BW: 17 MHz
- Filter Type: TDRF807P5817x
- Power 12 vdc/ 41ma
- Max Input no damage: 13 dBm

I/O: 50 ohm

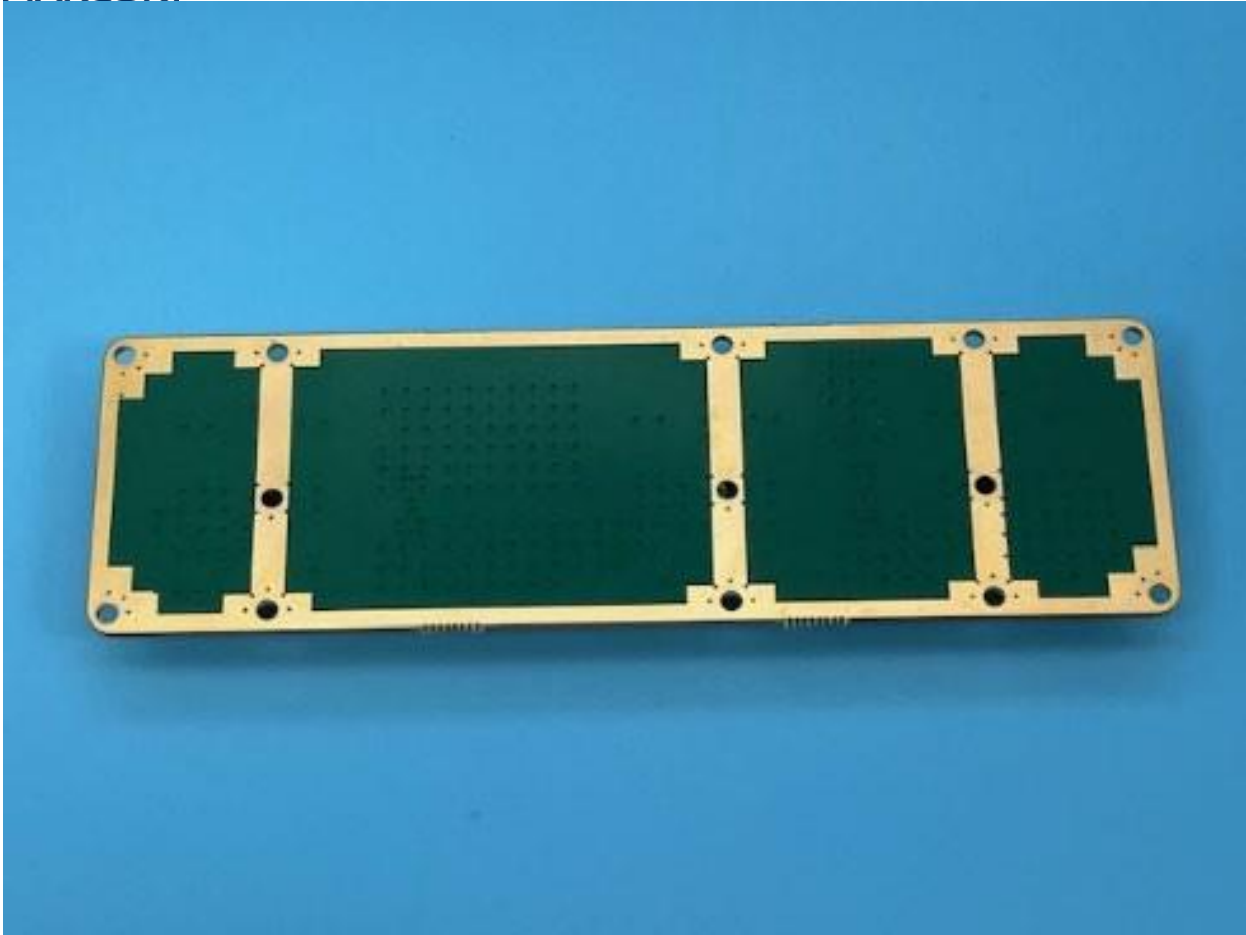
Housing : 03



FAG-MODUL-7-800UL-NFN/ Top of Board



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FAG-MODUL-7-800UL-NFN/ Bottom of Board

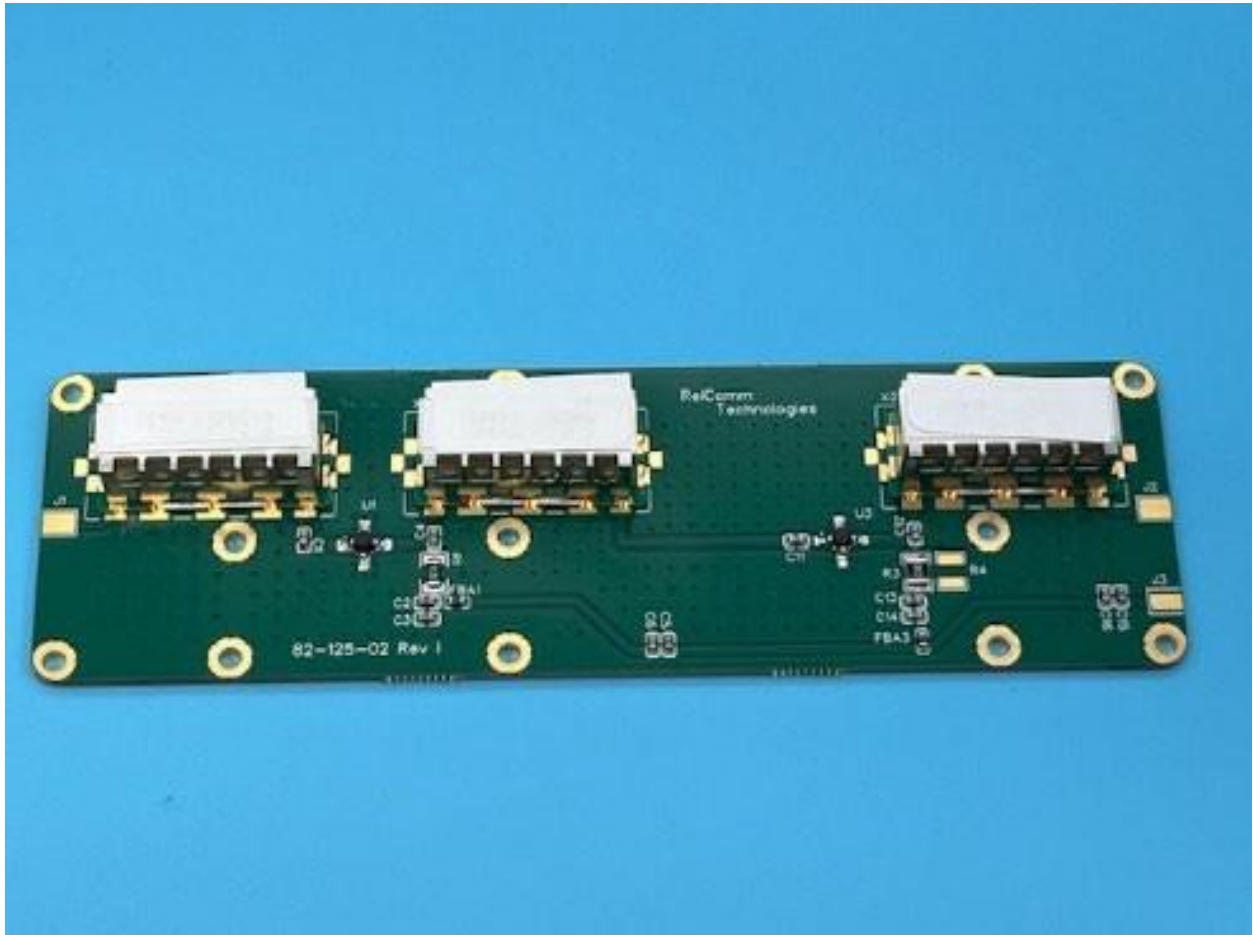
(12) FA-MODL-7-800UL-NFN Rev.A



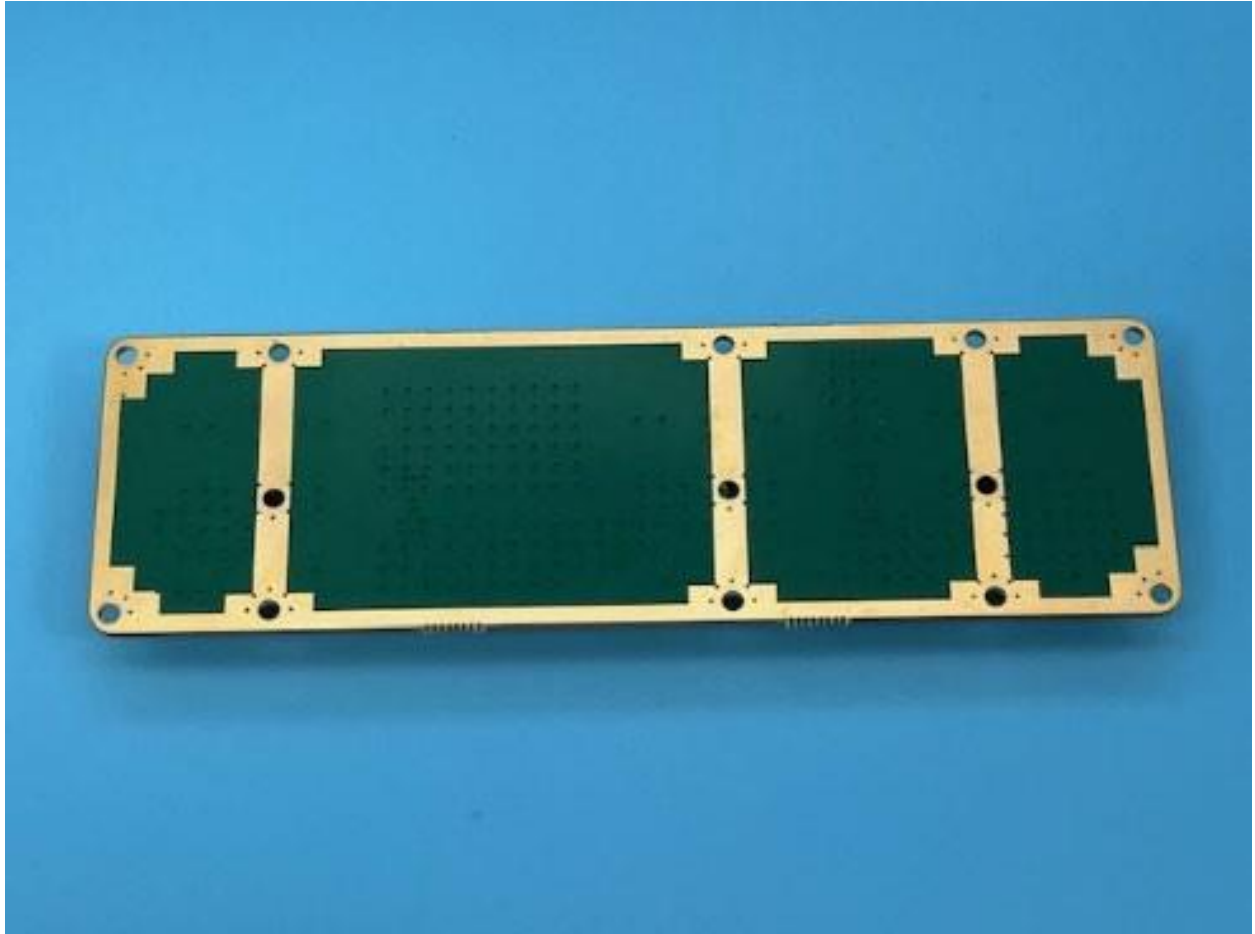
FA-MODUL-7-800UL-NFN/ Housing

SPECIFICATIONS
Band: 804.5 MHz-FA

- Frequency Range: 793-816
 - UL or DL: UL
 - Gain: 32 dB
 - BW: 17 MHz
 - Filter Type: TDRF807P5817x
 - Power 12 vdc/ 41ma
 - Max Input no damage: 13 dBm I/O: 50 ohm
- Housing : 03



FA-MODUL-7-800UL-NFN/ Top of Board



FA-MODUL-7-800UL-NFN/ Bottom of Board

(13) FA-MODL-700DL-NFN

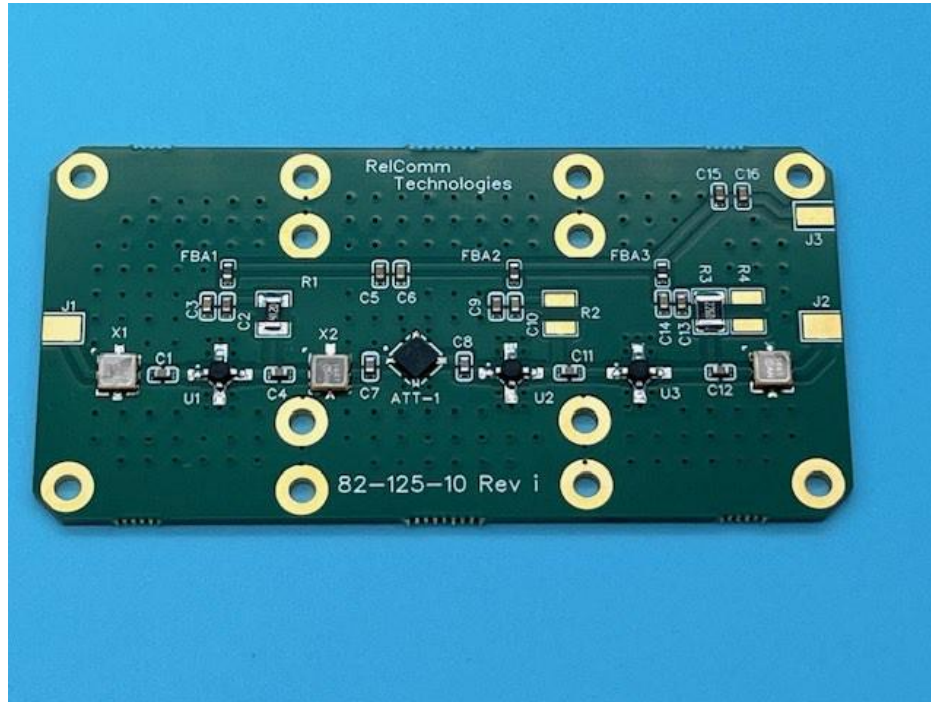


FA-MODUL-700DL-NFN/ Housing

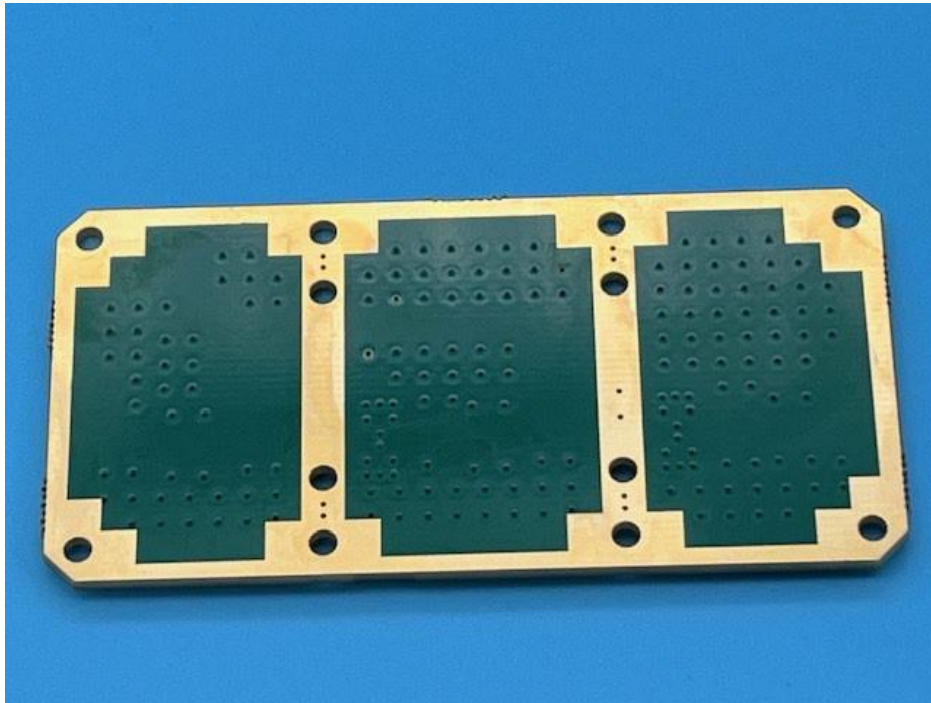
SPECIFICATIONS

Band: 769 MHz-FA

- Frequency Range: 763-775
 - UL or DL: DL
 - Gain: 32 dB
 - BW: 17 MHz
 - FN or NFN: NFN
 - Filter Type: TDR766P5B17x
 - Power 12 vdc/ 41ma
 - Max Input no damage: 13 dBm
- I/O: 50 ohm
Housing : 03



FA-MODUL-700UL-NFN/ Top of Board

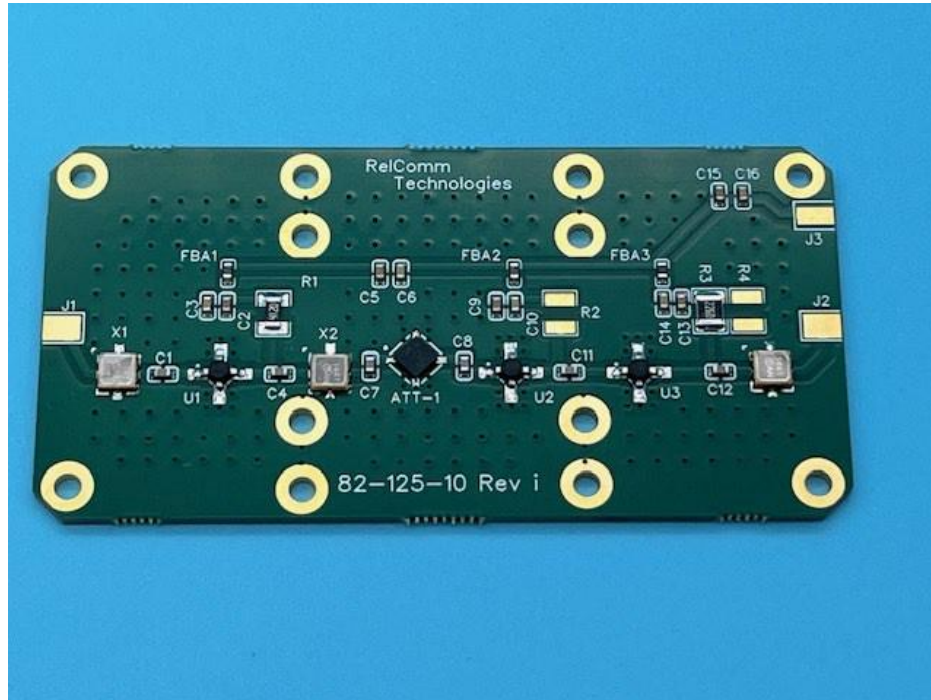


FA-MODUL-700DL-NFN/ Bottom of Board

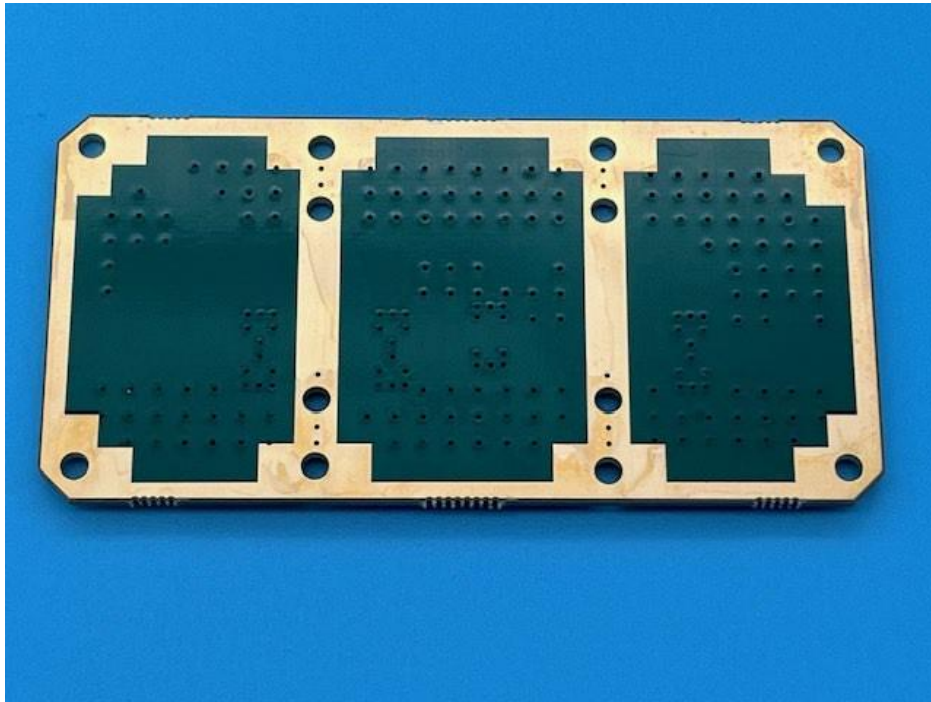
(15) FAG-MODUL-700DL-NFN



FAG-MODUL-700DL-NFN/ Housing



FAG-MODUL-700UL-NFN/ Top of Board



FAG-MODUL-700DL-NFN/ Bottom of Board

(17) BDA-RLP1024-NFP-LI



FRONT



BACK

(18) ML100-24LI



FRONT