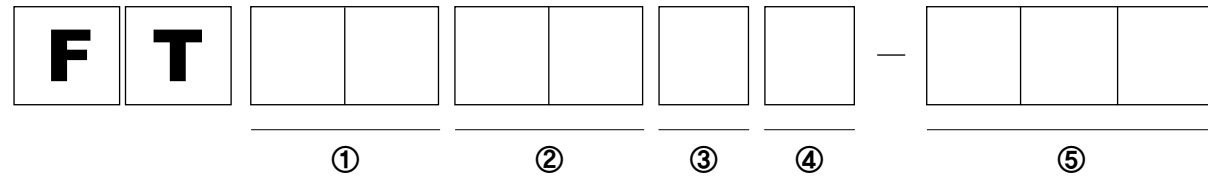




Product Code System



● 1. Shape

CODE	Shape
AI	Air
DR	DR
LC	LC
AD	Air+DR
MS	Micro Strip Line

● 2. Operating Frequency

CODE	Operating Frequency (MHz)
A1	DC ~ 500
B1	500 ~ 700
C1	700 ~ 1000
D1	1000 ~ 1700
E1	1700 ~ 1900
F1	1900 ~ 2200
G1	2200 ~ 2400
H1	2400 ~ 3000
I1	3000 ~ 6000
J1	6000 ~ 15000
K1	15000 ~ 30000
L1	30000 ~

Wideband Frequency Range will be defined using the first character of the start and the stop frequency bands.
Ex) EF = 1700 ~ 2200 (MHz)

● 3. Application

CODE	Application
1	Rx
2	Tx
3	Rx, Rx
4	Tx, Tx
5	Rx. Tx
6	Others

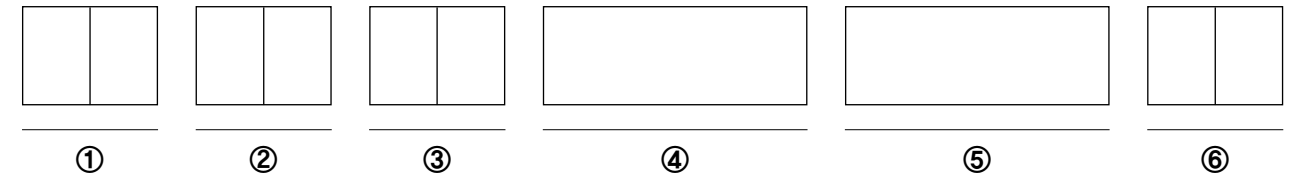
● 4. Function Type

CODE	Function Type
1	LPF
2	HPF
3	BPF
4	BRF
5	BPF + LPF

● 5. Serial Number

CODE	Serial Number
nnn	Any combination of Option Codes will be replaced by 3 digits Serial Number according to the development sequence for each model.

Product Code System



● 1. Input Connector Type

CODE	Input Connector Type
16	SMA50
17	SMA75
28	BNC50
29	BNC75
30	TNC50
31	TNC75
34	N50
35	N75
37	7/16 DIN
XX	Others

● 2. Output Connector Type

CODE	Output Connector Type
16	SMA50
17	SMA75
28	BNC50
29	BNC75
30	TNC50
31	TNC75
34	N50
35	N75
37	7/16 DIN
XX	Others

● 3. I/O Port Type

CODE	I/O Port Type
FF	Female - Female
MM	Male - Male
FM	Female - Male
MF	Male - Female

● 4. Center Frequency

CODE	Center Frequency
.	.
10M	10MHz
.	.
824M	824MHz
.	.
2200M	2200MHz
.	.

● 5. Bandwidth

CODE	Bandwidth
.	.
10M	10MHz
.	.
824M	824MHz
.	.
2200M	2200MHz
.	.

● 6. Impedance

CODE	Impedance
50	50 Ohms
75	75 Ohms



Customer Inquiry Form

1. Customer Information

Author Name	
Company	
Phone	
Fax	
E-mail	

2. Electrical Specifications

Frequency Range	
Shape	
Band Width	
Insertion Loss (max)	
VSWR	
Return Loss	
Passband Ripple	
Isolation	
Impedance	/
Operating Temperature	
Port Connectors (IN/OUT)	

3. Other Information

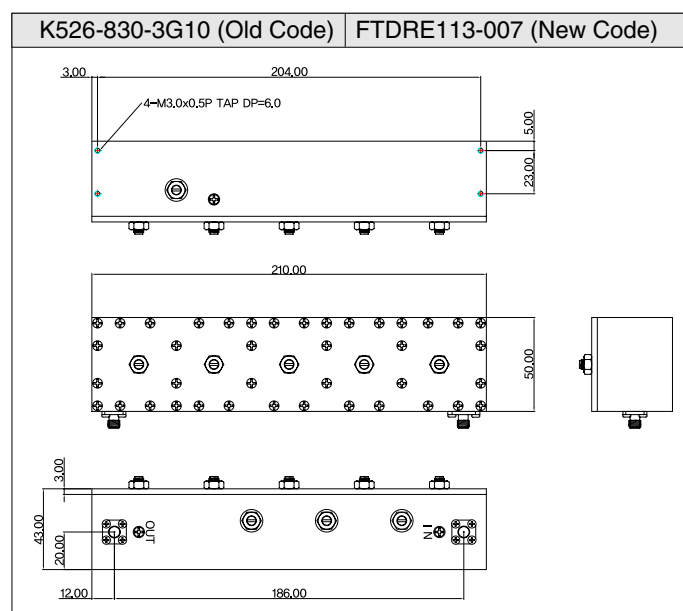
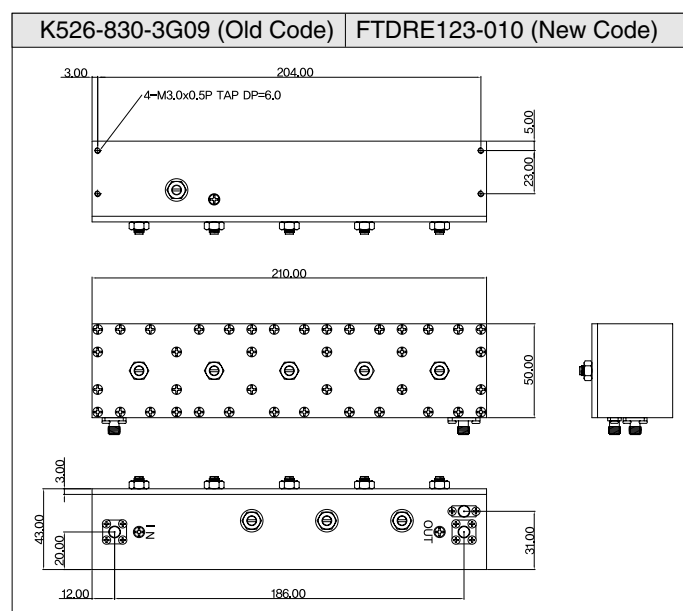
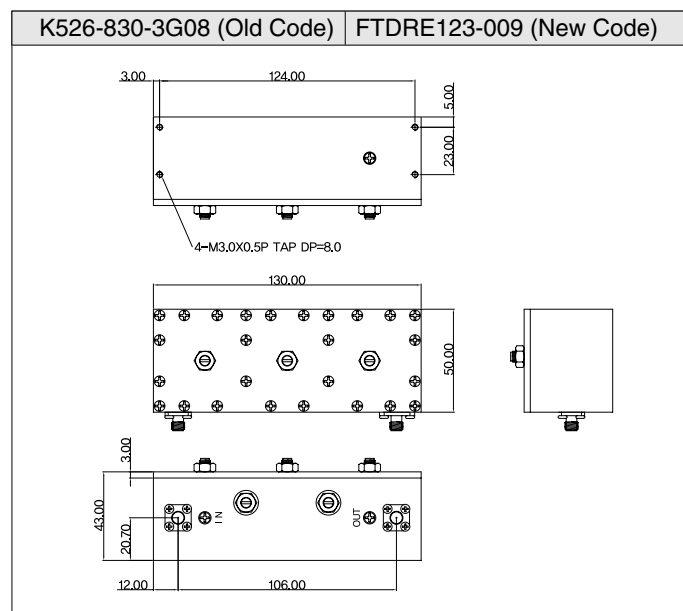
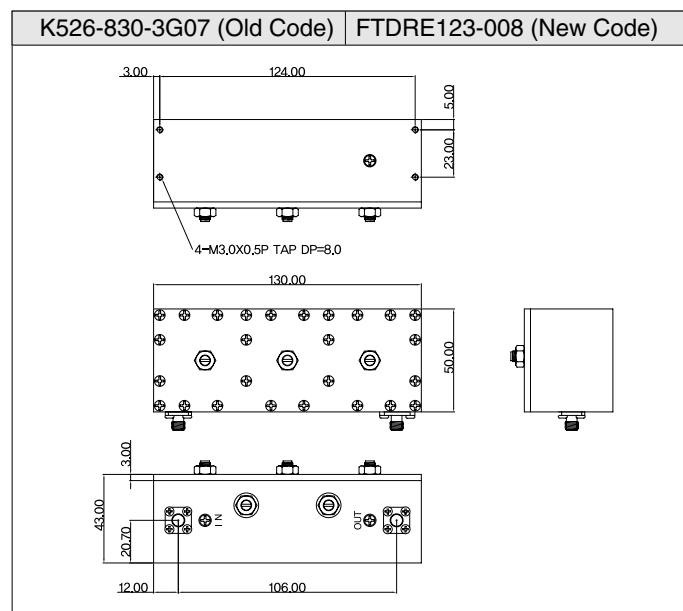
Products Reference Table

Product Code (Old)	Product Code (New)	Frequency Range (MHz)	Band Width	Insertion Loss dB (max)
K526-830-3G07	FTDRE123-008	1865 MHz	3.75 MHz	0.8 dB
K526-830-3G08	FTDRE123-009	1866.25 MHz	6.25 MHz	0.8 dB
K526-830-3G09	FTDRE123-010	1865 MHz	8.75 MHz	1.0 dB
K526-830-3G10	FTDRE113-007	1775 MHz	8.75 MHz	1.0 dB
K526-830-4A07	FTDRE113-004	1850 MHz	18.75 MHz	0.9 dB
K526-830-4A08	FTDRE113-002	1760 MHz	18.75 MHz	0.9 dB
K526-830-4I01	FTDRG113-001	2387.5 MHz	5 MHz	0.8 dB
K526-830-4I02	FTDRH123-001	2387.5 MHz	5 MHz	0.8 dB
K526-830-5F01	FTDRE113-003	1775 MHz	8.75 MHz	1.0 dB
K526-830-5F02	FTDRE123-005	1865 MHz	3.75 MHz	1.5 dB
K526-830-5F03	FTDRE123-006	1866.25 MHz	6.25 MHz	1.4 dB
K526-830-5F04	FTDRE123-007	1865 MHz	8.75 MHz	1.2 dB
K526-830-5F05	FTDRE113-011	1755 MHz	8.75 MHz	1.0 dB
K526-830-5F06	FTDRE123-012	1865 MHz	8.75 MHz	1.0 dB
K526-830-5I01	FTDRE113-009	1865 MHz	3.75 MHz	0.8 dB
K526-830-5I02	FTDRE123-013	1866.25 MHz	6.25 MHz	0.8 dB
K526-830-5I03	FTDRE123-014	1865 MHz	8.75 MHz	1.0 dB
K526-830-5I04	FTDRE123-015	1775 MHz	8.75 MHz	1.0 dB
K526-800-3B01	FTAIC123-001	911.5 MHz	-	0.5 dB
K526-800-3C03	FTAIE113-001	1755 MHz	8.75 MHz	0.8 dB
K526-802-3C04	FTAIE123-001	1845 MHz	8.75 MHz	1.2dB
K526-800-3H03	FTAIH113-001	2462.5 MHz	20 MHz	1.3 dB
K526-802-4A04	FTAIE113-002	1755 MHz	-	1.0 dB
K526-802-4C03	FTAIB113-001	671 MHz	6 MHz	1.5 dB
K526-802-4E01	FTAIC123-001	743 MHz	6 MHz	1.5 dB
K526-802-4F04	FTAIH123-001	2677 MHz	5 MHz	2.0 dB
K526-802-4G01	FTAIG113-002	2367.5 MHz	5 MHz	1.0 dB
K526-892-4G02	FTAIG113-002	2367.5 MHz	5 MHz	1.0 dB
K526-800-5A01	FTAIF113-001	2087.5 MHz	-	0.8 dB
K526-800-5D01	FTAIH113-003	2642.5 MHz	20 MHz	1.0 dB
K526-890-5G01	FTAIF123-001	2140 MHz	60 MHz	0.4 dB
K526-801-5J01	FTAIE113-002	1882.5 MHz	5 MHz	0.7 dB



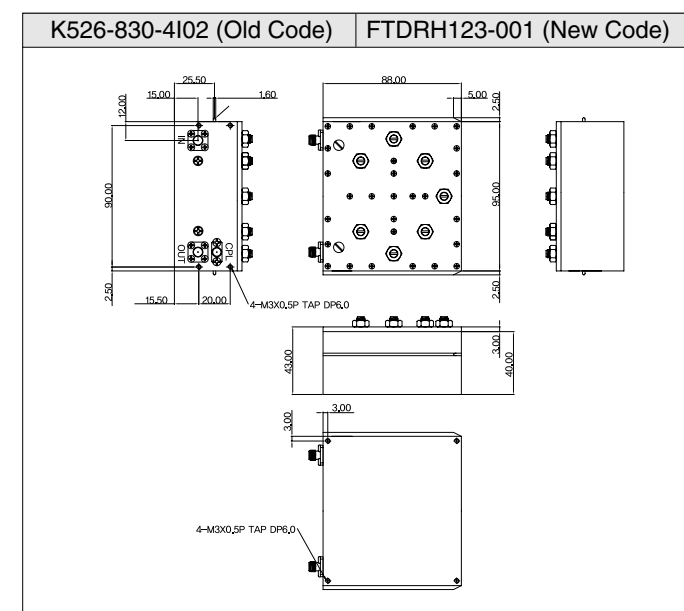
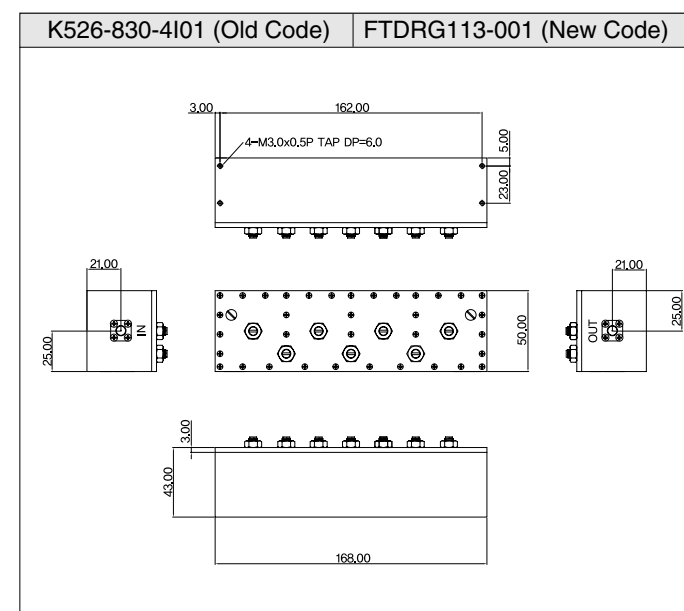
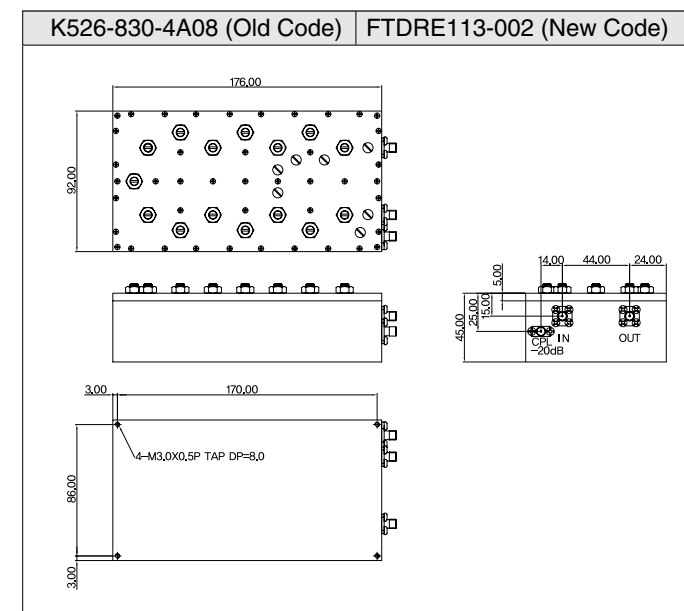
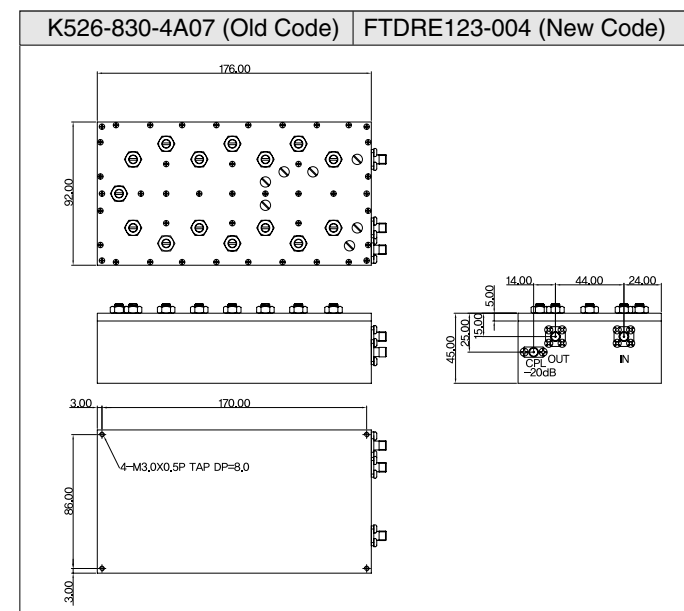
BPF FILTER (DR)

Unit : mm



Product Code (Old)	K526-830-3G07	K526-830-3G08	K526-830-3G09	K526-830-3G10
Product Code (New)	FTDRE123-008	FTDRE123-009	FTDRE123-010	FTDRE113-007
Frequency Range (MHz)	1865 MHz	1866.25 MHz	1865 MHz	1775 MHz
Band Width (MHz)	3.75 MHz	6.25 MHz	8.75 MHz	8.75 MHz
Insertion Loss (max)	0.8 dB	0.8 dB	1.0 dB	1.0 dB
VSWR (Max)	1.22 :1	1.22 :1	1.22 :1	1.22 :1
Passband Ripple (Max)	0.5 dB	0.5 dB	0.6 dB	0.6 dB
Isolation (Tx Band) (Min)	-	-	100 dB	100 dB
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Operating Temperature	-20℃ ~ 70℃	-20℃ ~ 70℃	-20℃ ~ 70℃	-20℃ ~ 70℃
Port Connector (IN/OUT)	SMA (F)	SMA (F)	SMA (F)	SMA (F)

Unit : mm



Product Code (Old)	K526-830-4A07	K526-830-4A08	K526-830-4I01	K526-830-4I02
Product Code (New)	FTDRE123-004	FTDRE113-002	FTDRG113-001	FTDRH123-001
Frequency Range (MHz)	1850 MHz	1760 MHz	2387.5 MHz	2387.5 MHz
Band Width (MHz)	18.75 Mhz	18.75 Mhz	5 MHz	5 MHz
Insertion Loss (max)	0.9 dB	0.9 dB	0.8 dB	0.8 dB
VSWR (Max)	1.22 :1	1.22 :1	1.22 :1	1.22 :1
Passband Ripple (Max)	0.5 dB	0.5 dB	0.4 dB	0.4 dB
Isolation (Tx Band) (Min)	95 dB	90 dB	-	-
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Operating Temperature	-10℃ ~ 60℃	-10℃ ~ 60℃	-20℃ ~ 70℃	-20℃ ~ 70℃
Port Connector (IN/OUT)	SMA (F)	SMA (F)	SMA (F)	SMA (F)

Unit : mm

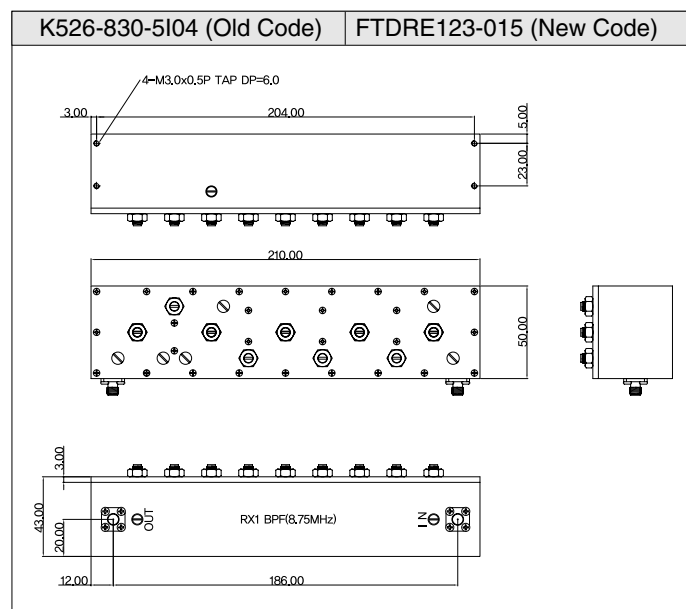
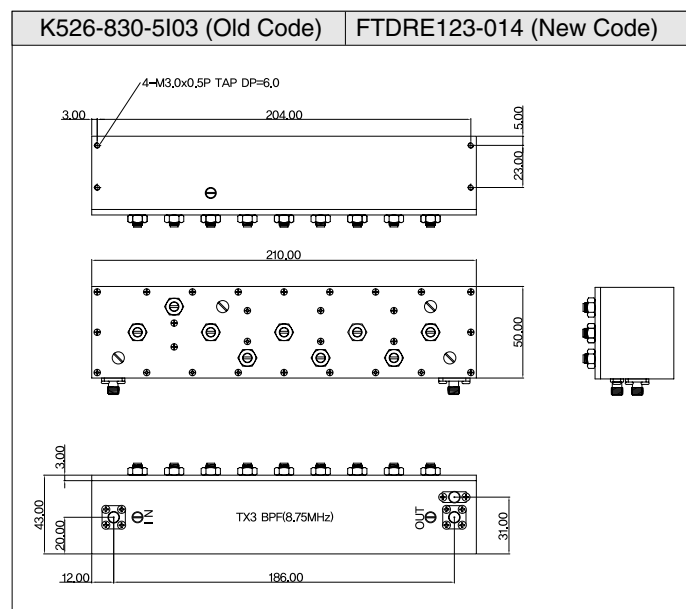
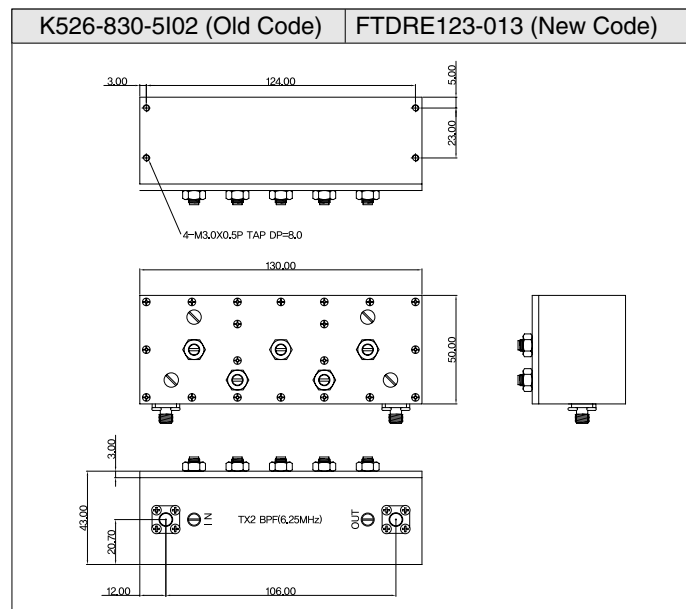
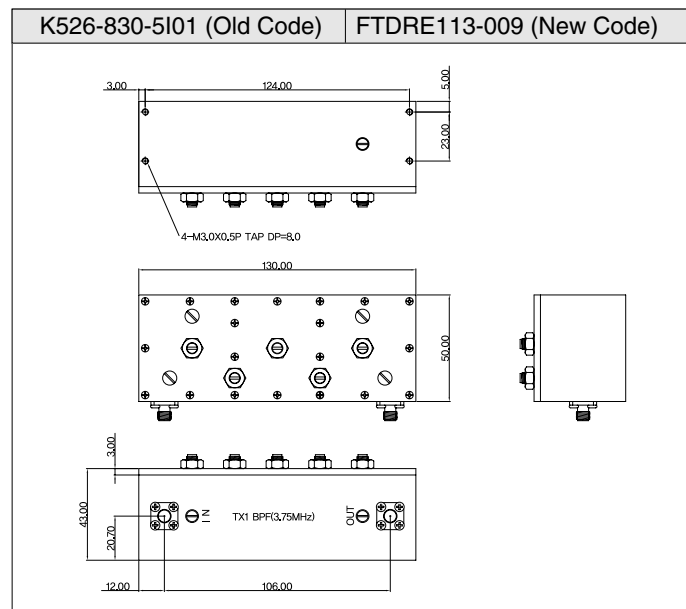
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Product Code (Old)	K526-830-5F05	K526-830-5F06
Product Code (New)	FTDRE113-011	FTDRE123-012
Frequency Range (MHz)	1775 MHz	1865 MHz
Band Width (MHz)	8.75 MHz	8.75 MHz
Insertion Loss (max)	1.0 dB	1.0 dB
VSWR (Max)	1.22 : 1	1.22 : 1
Passband Ripple (Max)	0.6 dB	0.6 dB
Isolation (Tx Band) (Min)	100 dB	100 dB
Impedance	50Ω	50Ω
Operating Temperature	-30℃ ~ 70℃	-30℃ ~ 70℃
Port Connector (IN/OUT)	SMA (F)	SMA (F)



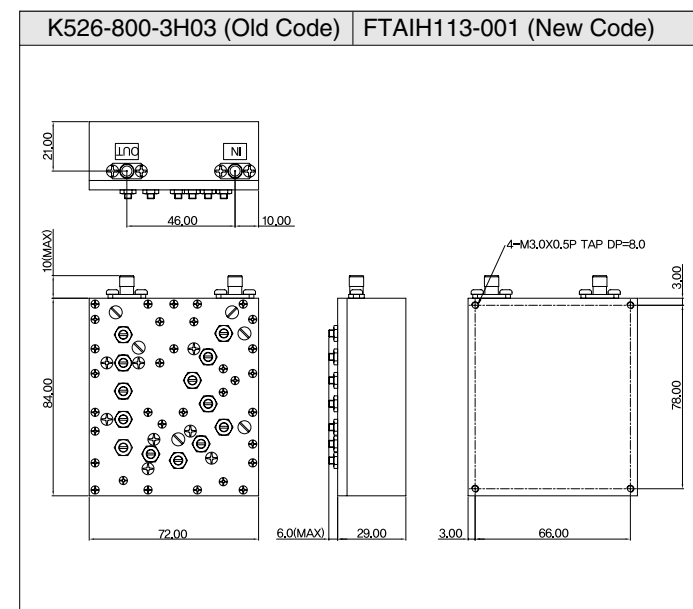
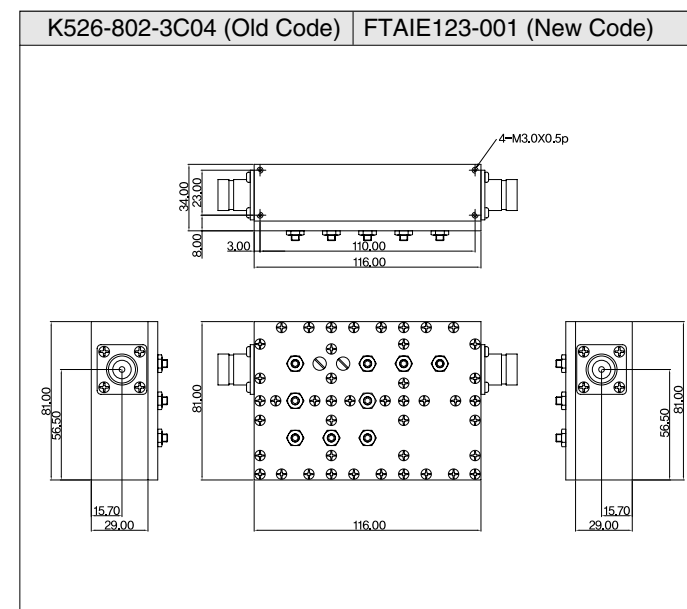
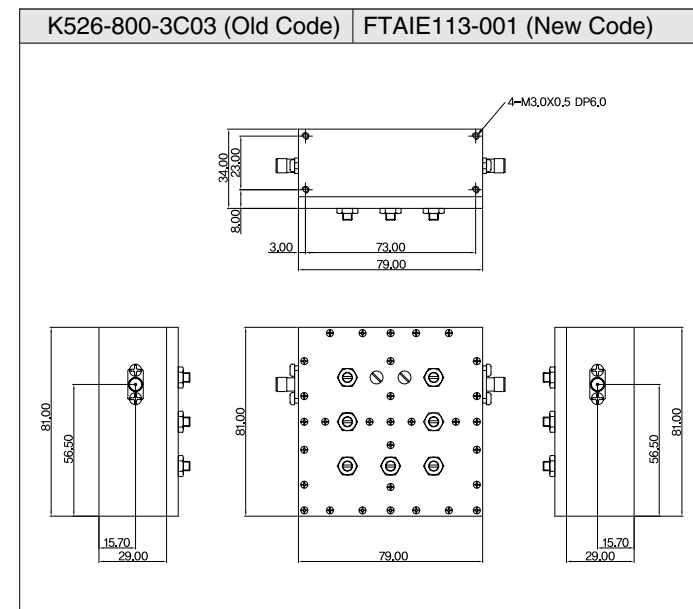
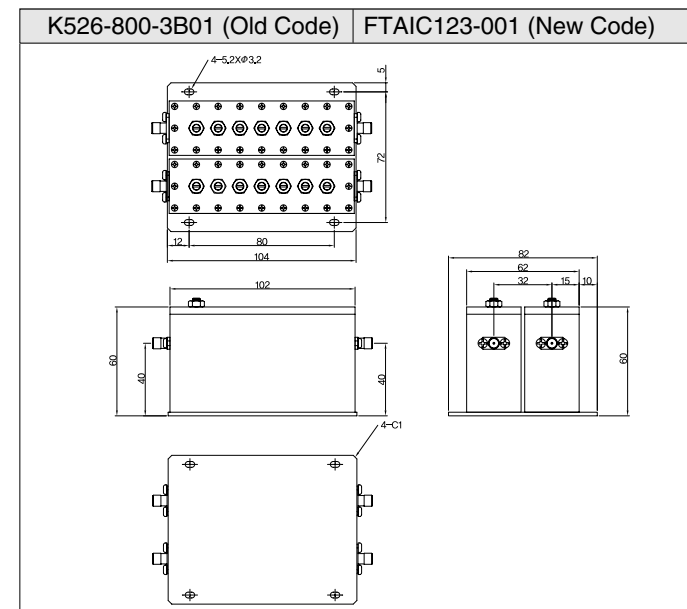
BPF FILTER (AIR)

Unit : mm



Product Code (Old)	K526- 830-5I01	K526-830-5I02	K526-830-5I03	K526-830-5I04
Product Code (New)	FTDRE113-009	FTDRE123-013	FTDRE123-014	FTDRE123-015
Frequency Range (MHz)	1865 MHz	1866.25 MHz	1865 MHz	1775 MHz
Band Width (MHz)	3.75 MHz	6.25 MHz	8.75 MHz	8.75 MHz
Insertion Loss (max)	0.8 dB	0.8 dB	1.0 dB	1.0 dB
VSWR (Max)	1.22 : 1	1.22 : 1	1.22 : 1	1.22 : 1
Passband Ripple (Max)	0.5 dB	0.5 dB	0.6 dB	0.6 dB
Isolation (Tx Band) (Min)	100 dB	100 dB	100 dB	100 dB
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Operating Temperature	-20℃ ~ 70℃	-20℃ ~ 70℃	-20℃ ~ 70℃	-20℃ ~ 70℃
Port Connector (IN/OUT)	SMA (F)	SMA (F)	SMA (F)	SMA (F)

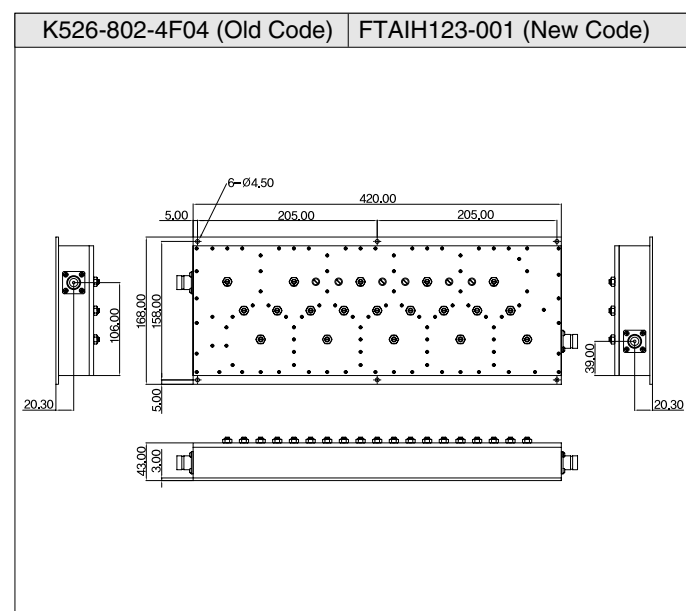
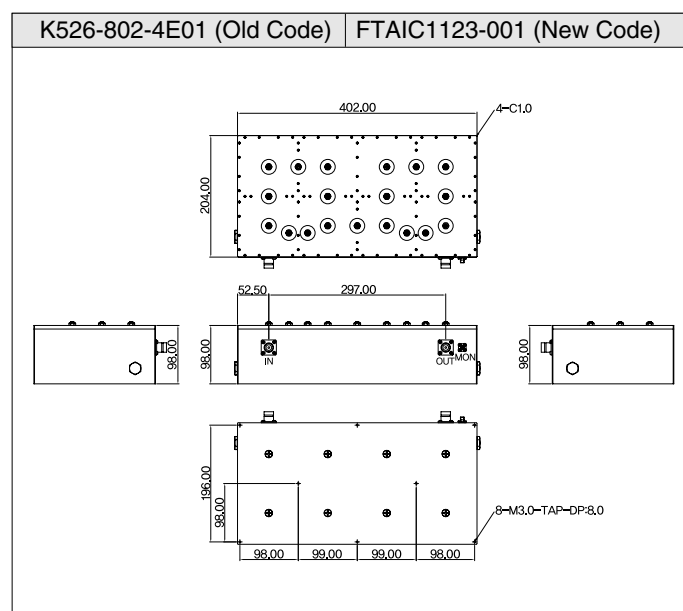
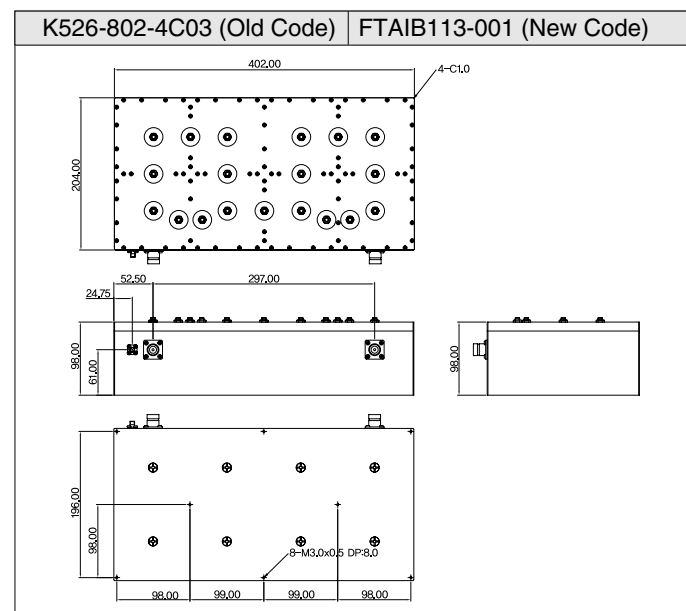
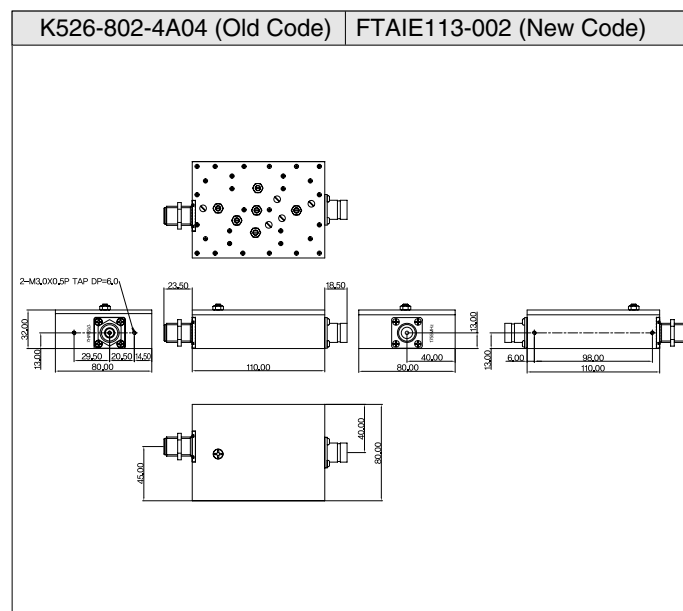
Unit : mm



Product Code (Old)	K526-800-3B01	K526-800-3C03	K526-802-3C04	K526-800-3H03
Product Code (New)	FTAIC123-001	FTAIE113-001	FTAIE123-001	FTAIH113-001
Frequency Range (MHz)	911.5 MHz	1755 MHz	1845 MHz	2462.5 MHz
Band Width (MHz)	-	8.75 MHz	8.75 MHz	20 MHz
Insertion Loss (max)	0.5 dB	0.8 dB	1.2 dB	1.3 dB
VSWR (Max)	1.22 : 1	1.22 : 1	1.22 : 1	1.22 : 1
Passband Ripple (Max)	0.2 dB	0.5 dB	0.5 dB	0.2 dB
Isolation (Tx Band) (Min)	-	-	-	-
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Operating Temperature	-20℃ ~ 60℃	-10℃ ~ 55℃	-10℃ ~ 55℃	-20℃ ~ 70℃
Port Connector (IN/OUT)	SMA (F)	SMA (F)	SMA (F)	SMA (F)

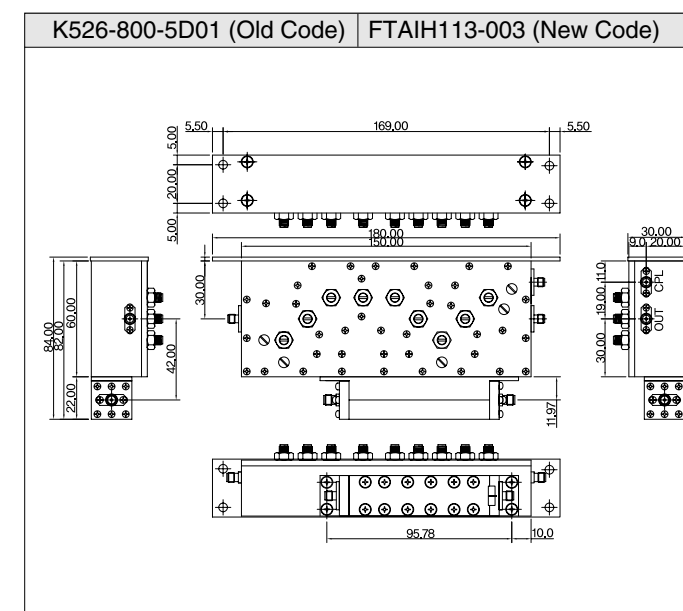
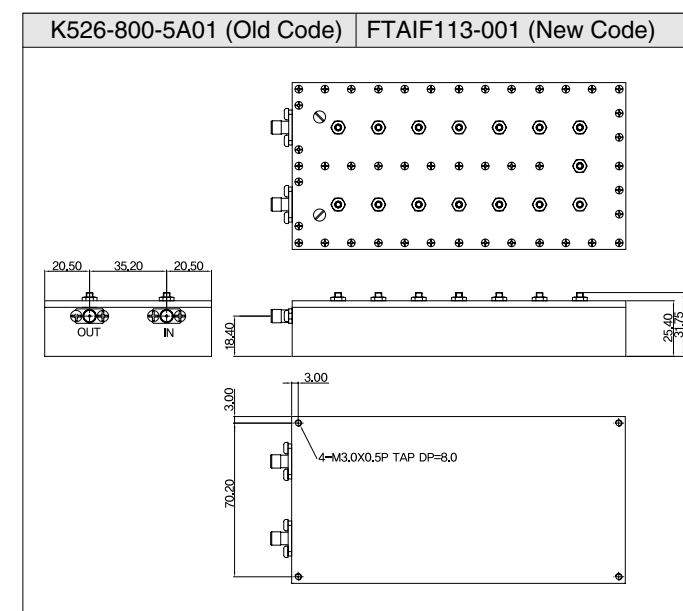
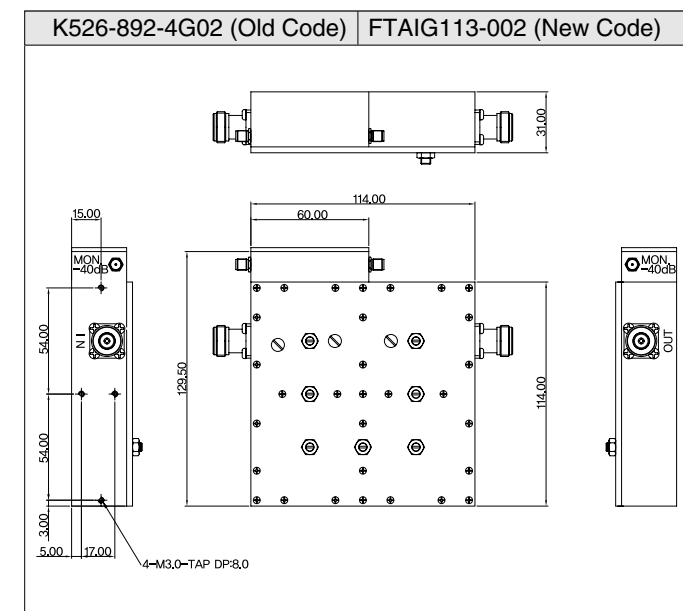
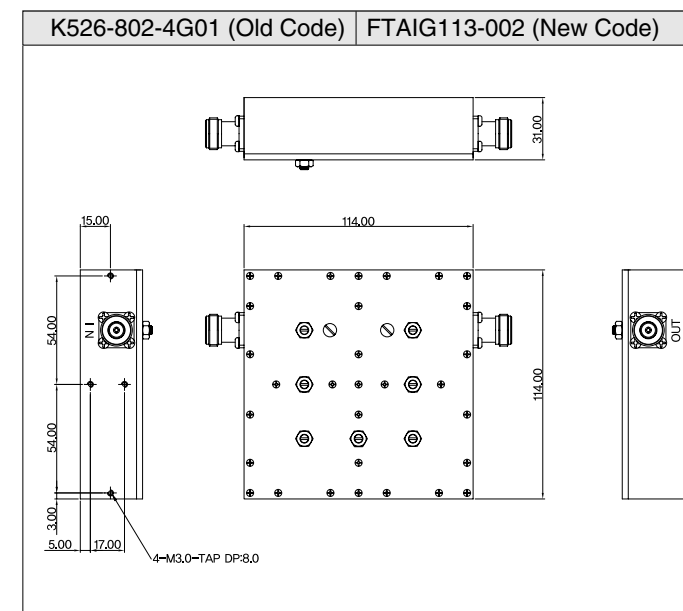


Unit : mm



Product Code (Old)	K526-802-4A04	K526-802-4C03	K526-802-4E01	K526-802-4F04
Product Code (New)	FTAIE113-002	FTAIB113-001	FTAIC1123-001	FTAIH123-001
Frequency Range (MHz)	1755 MHz	671 MHz	743 MHz	2677 MHz
Band Width (MHz)	-	6 MHz	6 MHz	5 MHz
Insertion Loss (max)	1.0 dB	1.5 dB	1.5 dB	2.0 dB
VSWR (Max)	1.15 : 1	1.22 : 1	1.22 : 1	1.22 : 1
Passband Ripple (Max)	0.5 dB	0.6 dB	0.6 dB	1.0 dB
Isolation (Tx Band) (Min)	-	-	-	-
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Operating Temperature	-	-10℃ ~ 60℃	-30℃ ~ 70℃	-30℃ ~ 70℃
Port Connector (IN/OUT)	N-Type (F)	N-Type (F)	N-Type (F)	N-Type (F)

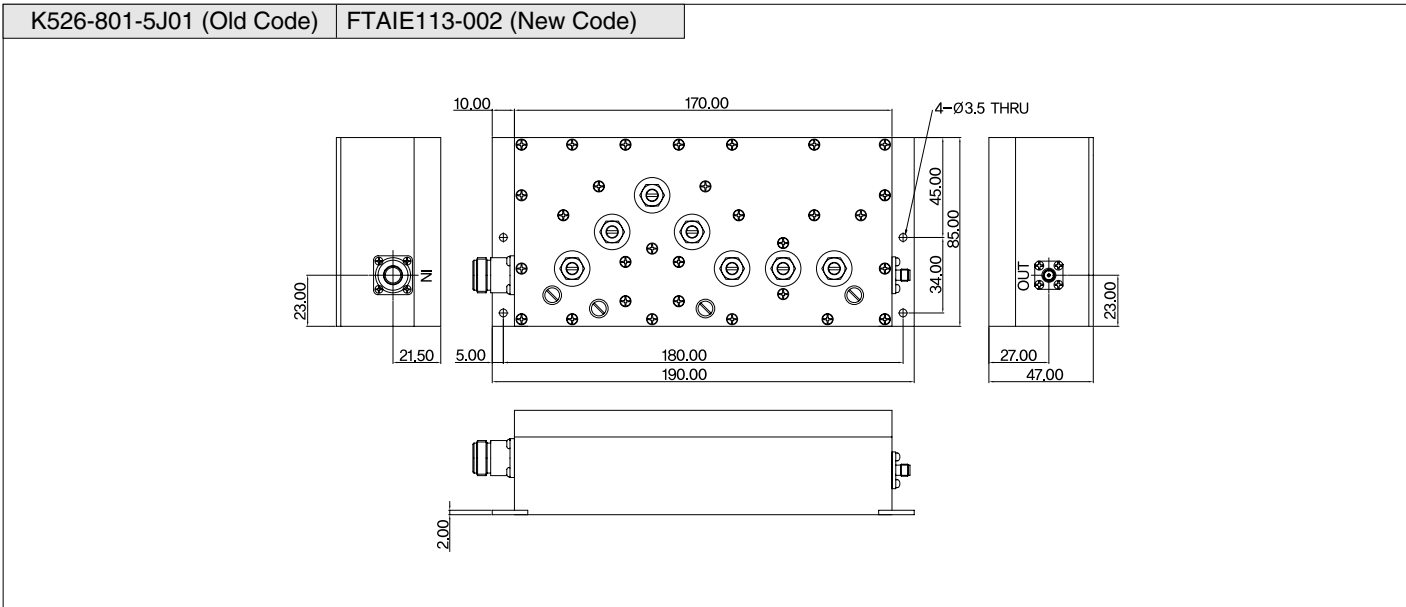
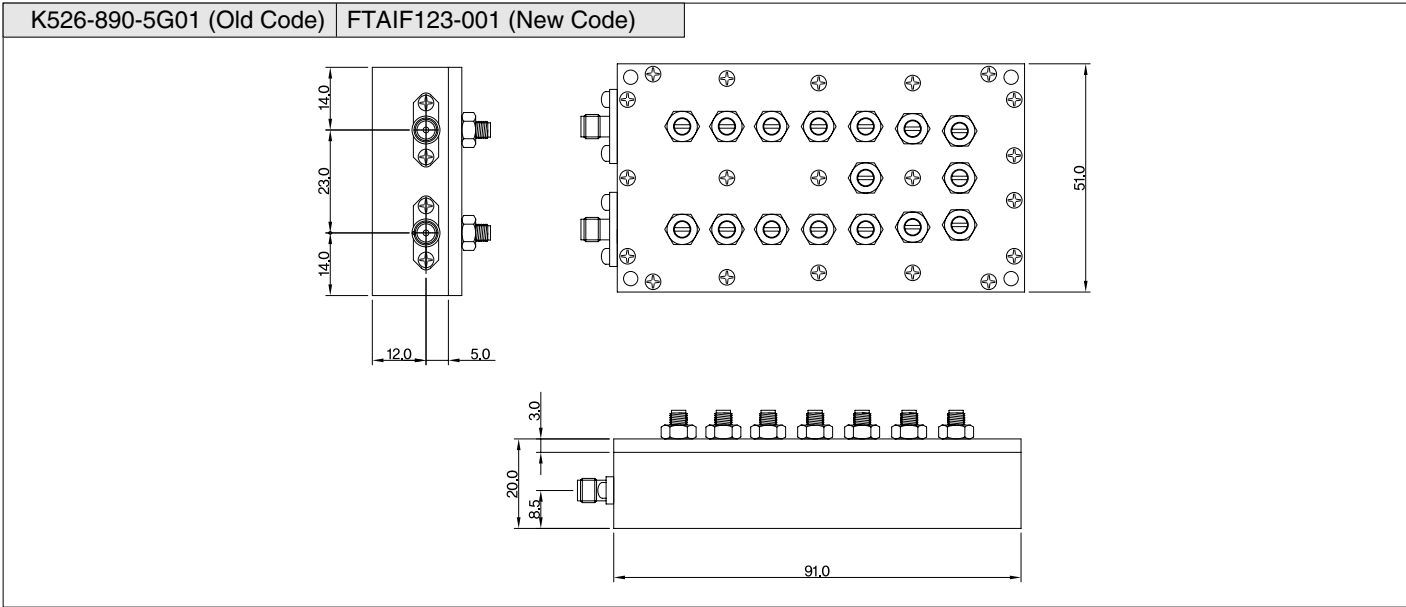
Unit : mm



Product Code (Old)	K526-802-4G01	K526-892-4G02	K526-800-5A01	K526-800-5D01
Product Code (New)	FTAIG113-002	FTAIG113-002	FTAIF113-001	FTAIH113-003
Frequency Range (MHz)	2367.5 MHz	2367.5 MHz	2087.5 MHz	2642.5 MHz
Band Width (MHz)	5 MHz	5 MHz	-	20 MHz
Insertion Loss (max)	1.0 dB	1.0 dB	0.8 dB	1.0 dB
VSWR (Max)	1.22 : 1	1.22 : 1	1.43 : 1	1.22 : 1
Passband Ripple (Max)	0.5 dB	0.5 dB	0.5 dB	0.5 dB
Isolation (Tx Band) (Min)	-	-	-	-
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Operating Temperature	-20℃ ~ 60℃	-20℃ ~ 60℃	-30℃ ~ 50℃	-20℃ ~ 70℃
Port Connector (IN/OUT)	N-Type (F)	N-Type (F)	SMA (F)	SMA (F)



Unit : mm



Product Code (Old)	K526-890-5G01	K526-801-5J01
Product Code (New)	FTAIF123-001	FTAIE113-002
Frequency Range (MHz)	2140 MHz	1882.5 MHz
Band Width (MHz)	60 MHz	5 MHz
Insertion Loss (max)	0.4 dB	0.7 dB
VSWR (Max)	1.22 : 1	1.22 : 1
Passband Ripple (Max)	0.1 dB	0.2 dB
Isolation (Tx Band) (Min)	-	110 dBc
Impedance	50Ω	50Ω
Operating Temperature	-30℃ ~ 90℃	-30℃ ~ 70℃
Port Connector (IN/OUT)	SMA (F)	N-Type(F)/ SMA(F)

