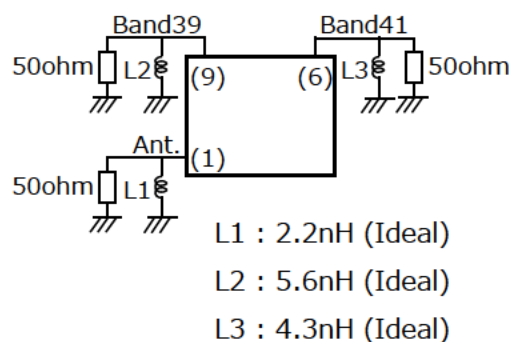


Datasheet of SAW Filter

1814 Band39,41n TRx Diplex Dual

KYOCERA Part No. : SF18-1900BASUA1



Electrical Characteristics

Band39

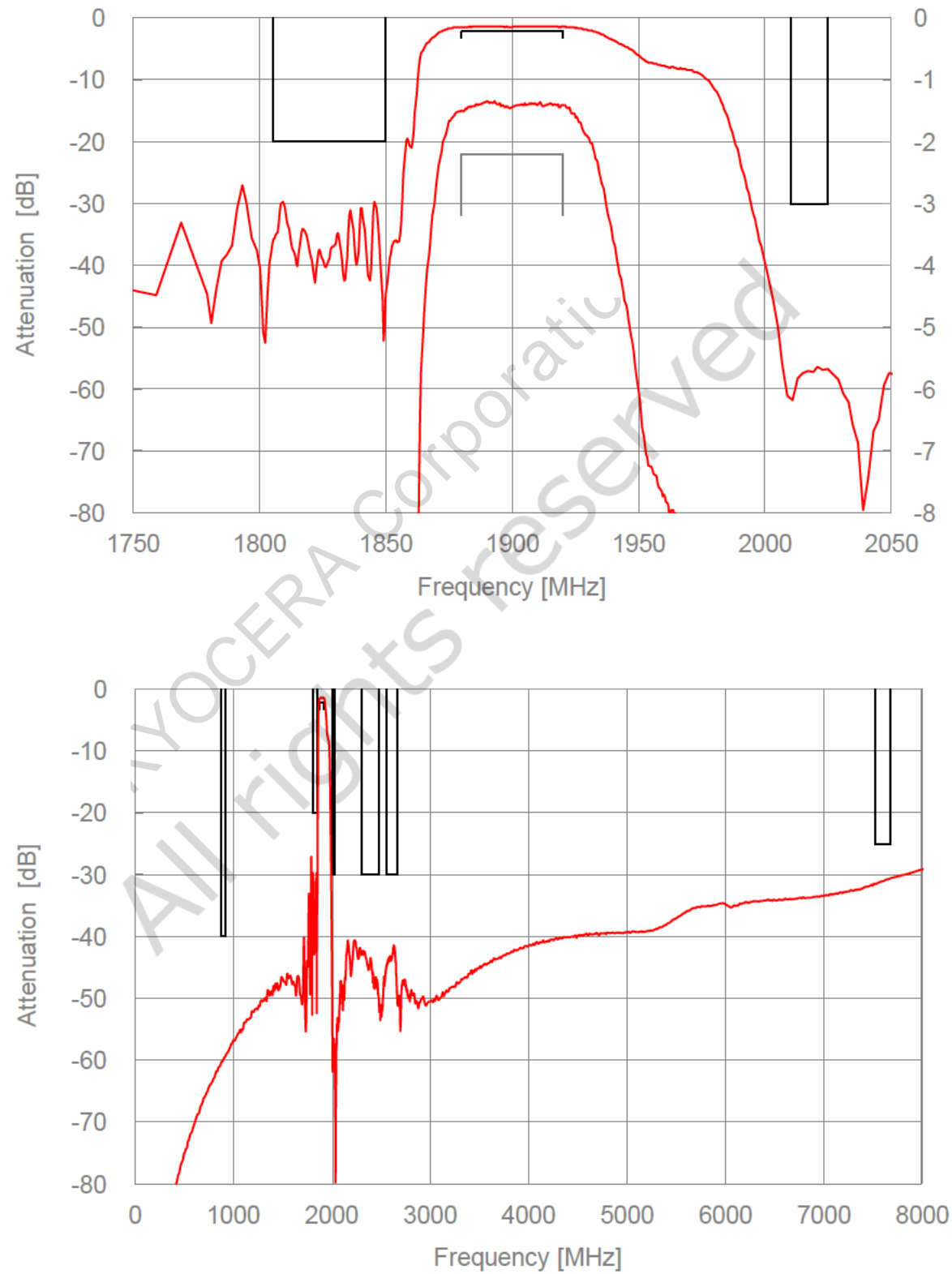
Items	Frequency (MHz)			Characteristics			Unit	Note
				min.	typ.	max.		
Nominal Center Frequency	-			1900			MHz	
Insertion Loss	1880	to	1920	-	1.5	2.2	dB	
Ant. VSWR	1880	to	1920	-	1.3	2.0	-	
DRx VSWR	1880	to	1920	-	1.3	2.0	-	
Absolute Attenuation	880	to	915	40	60	-	dB	
	1805	to	1850	20	30	-	dB	
	2010	to	2025	30	57	-	dB	
	2300	to	2400	30	42	-	dB	
	2400	to	2482	30	44	-	dB	
	2550	to	2655	30	41	-	dB	
	7520	to	7680	25	31	-	dB	

Band41

Items	Frequency (MHz)			Characteristics			Unit	Note
				min.	typ.	max.		
Nominal Center Frequency	-			2605			MHz	
Insertion Loss	2555	to	2655	-	2.3	3.1	dB	
Ant. VSWR	2555	to	2655	-	1.4	2.0	-	
TRx VSWR	2555	to	2655	-	1.4	2.0	-	
Absolute Attenuation	880	to	915	40	52	-	dB	
	1880	to	1920	30	37	-	dB	
	2010	to	2025	30	34	-	dB	
	2110	to	2170	30	33	-	dB	
	2300	to	2400	35	39	-	dB	
	2400	to	2482	35	37	-	dB	
	7520	to	7680	5	10	-	dB	

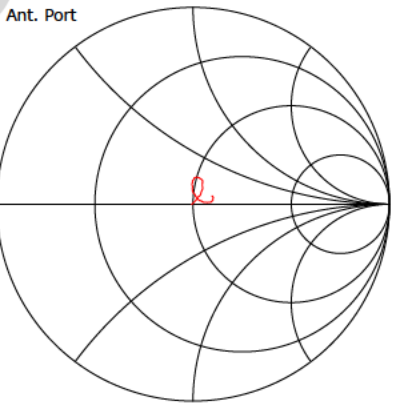
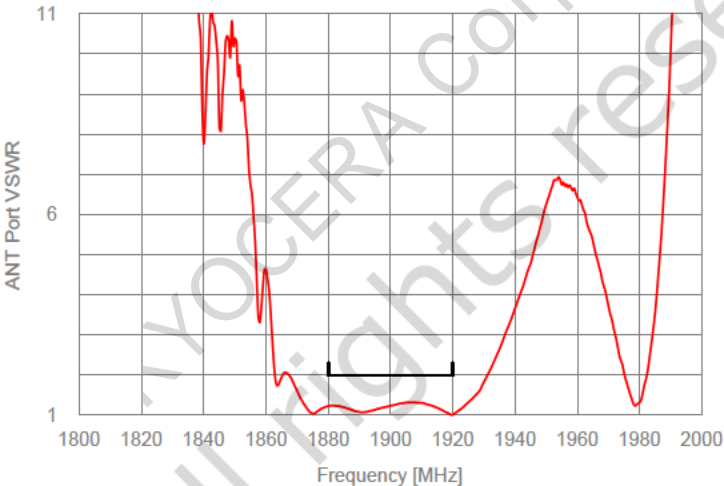
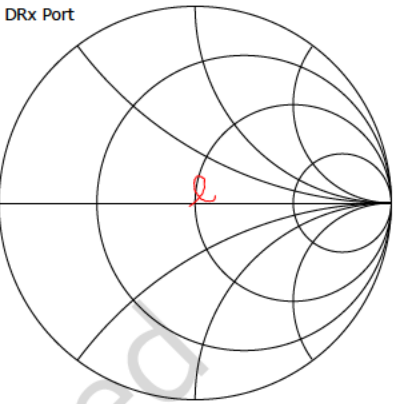
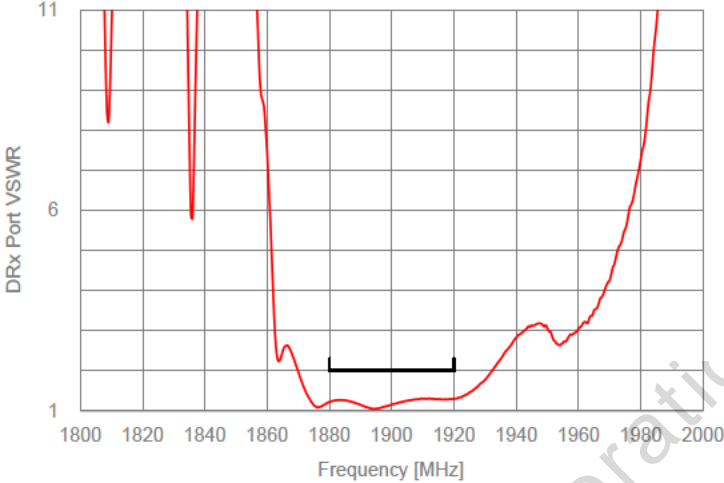
Electrical Characteristics

[Band39]



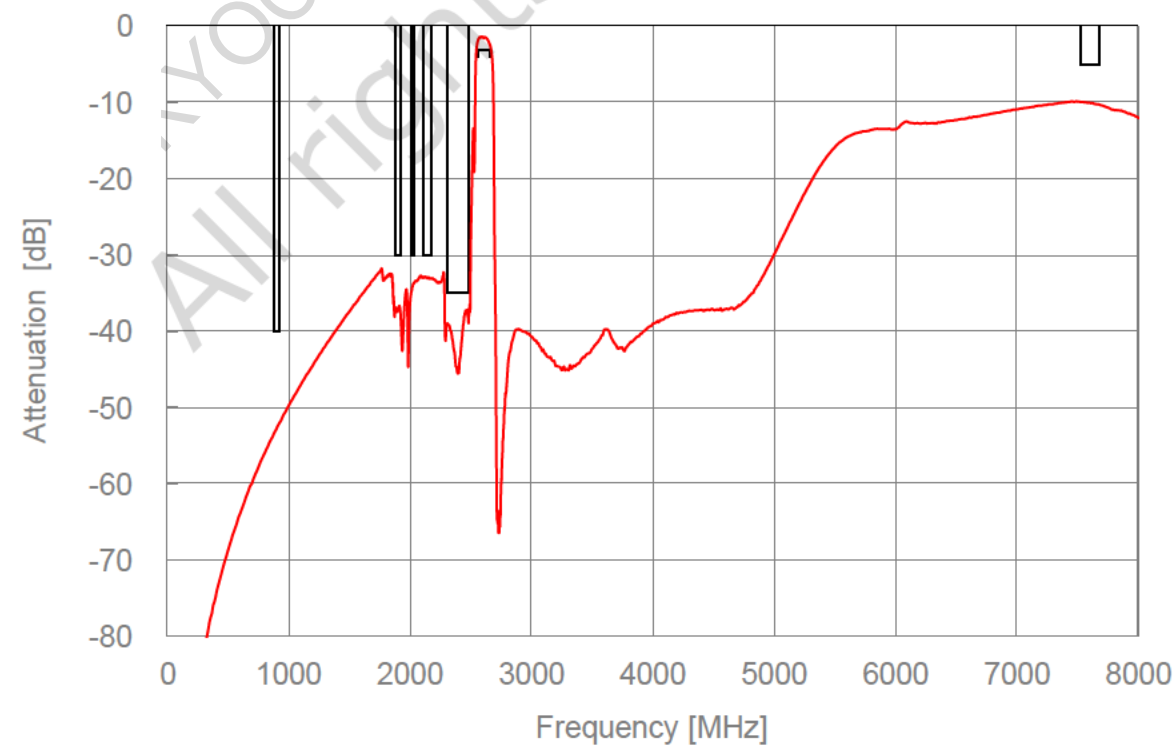
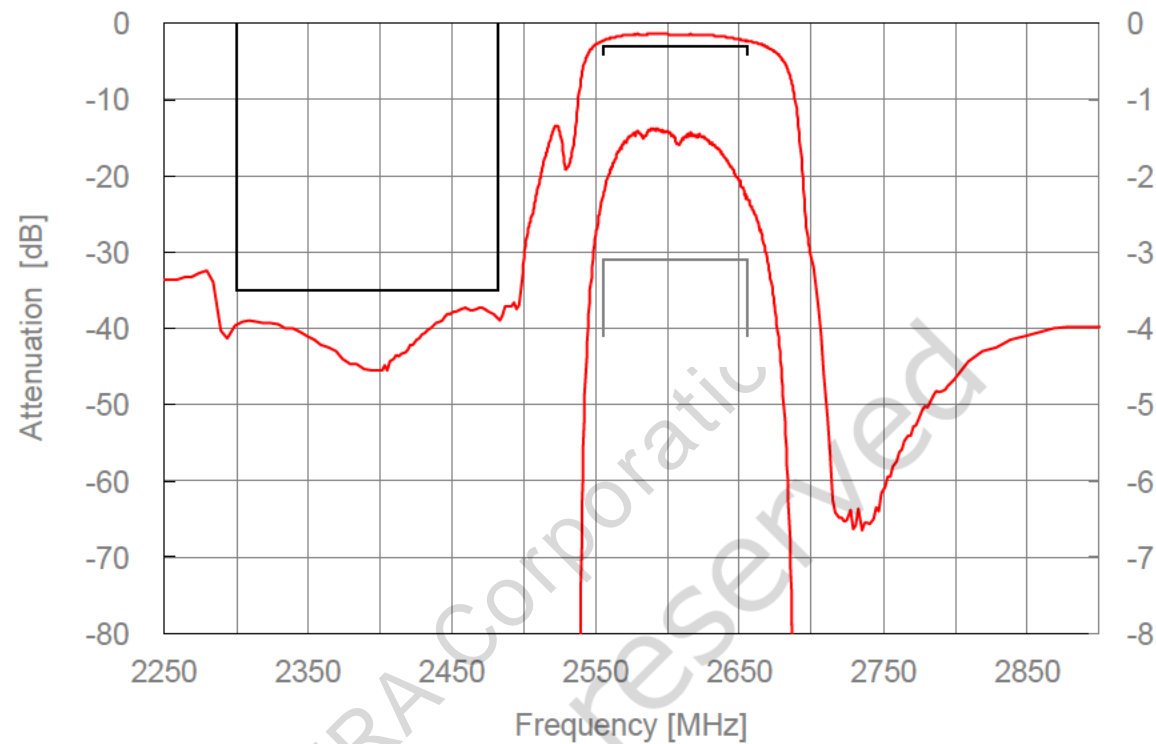
Electrical Characteristics

[Band39]



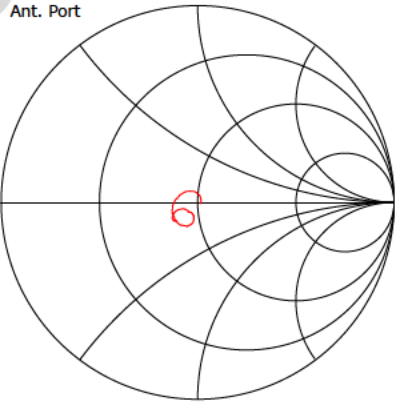
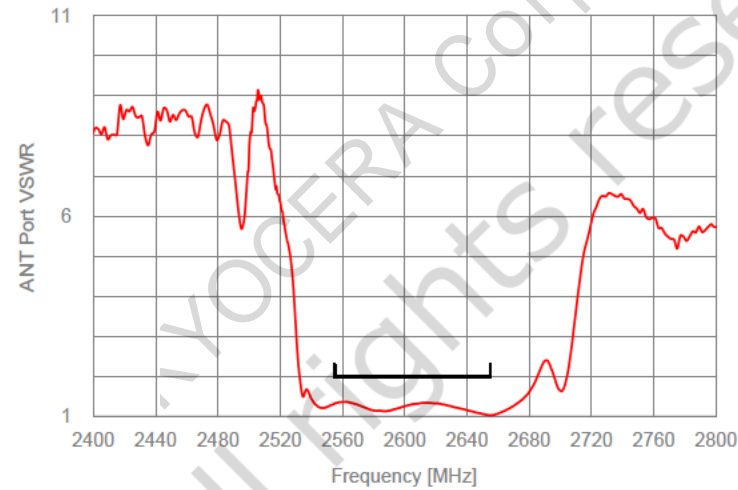
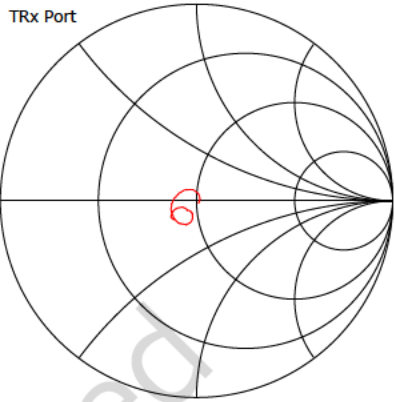
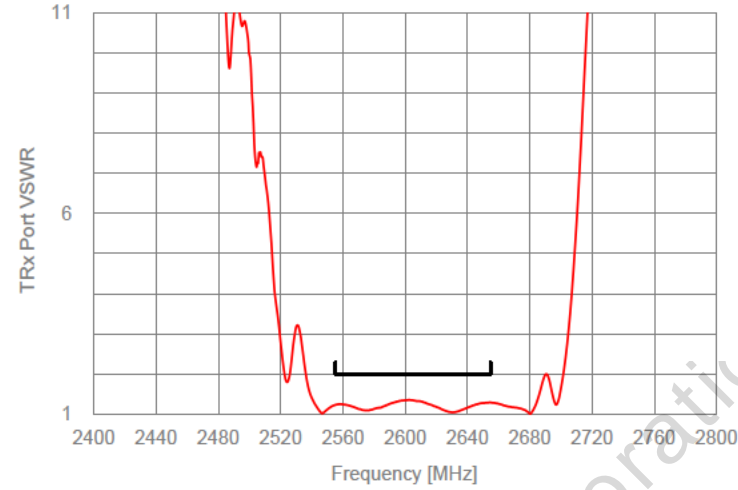
Electrical Characteristics

[Band41]



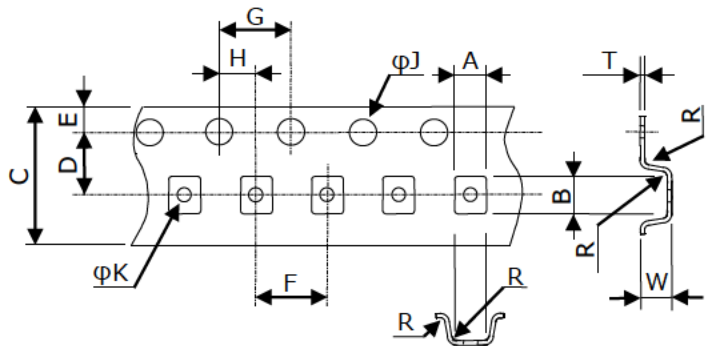
Electrical Characteristics

[Band41]



Tape & Reel Specification

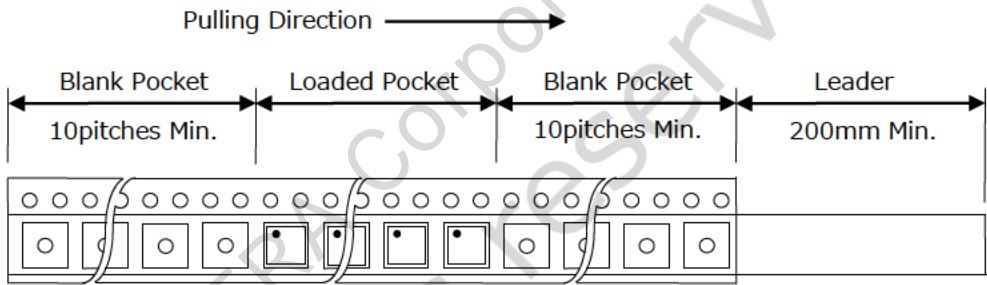
[Tape]



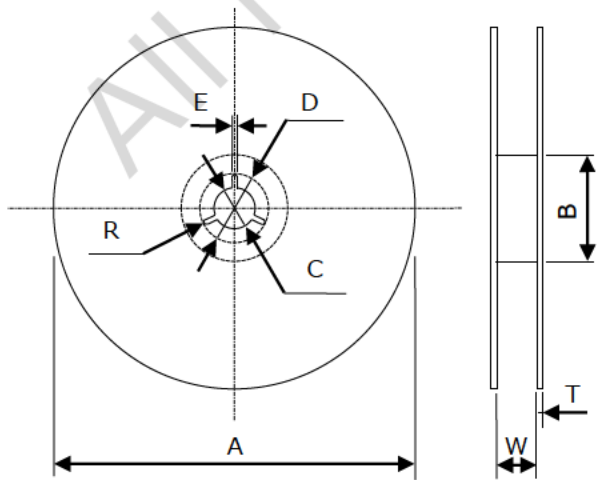
Unit : mm

Part	Dimension
A	1.7±0.1
B	2.05±0.10
C	8.0±0.2
D	3.50±0.05
E	1.75±0.10
F	4.0±0.1
G	4.0±0.1
H	2.00±0.05
φJ	1.5+0.1/-0
φK	0.80±0.05
R	0.2 Max
W	0.7±0.1
T	0.20±0.05

W : Dimension is depth of pockets.



[Reel]



Unit : mm

Part	Dimension
A	178 ± 2
B	60 ± 2
C	13.0 ± 0.2
D	21.0 ± 0.8
E	2.0 ± 0.5
R	1
W	9.5 ± 1.0
T	2.0 ± 0.2

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