KYOCERA SAW Filter

- 2016 Band41 TRx for Base station-

Type Name : SF20-2595M3UUA1

Dec., 12, 2025

KYOCERA Corporation

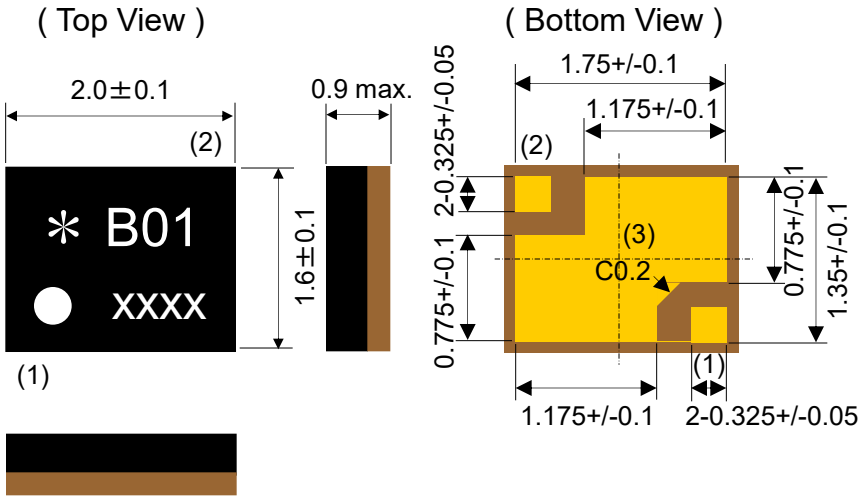
Corporate Electronic Components Group

Electronic Devices Division

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Dimensions & Test Circuit

Dimensions

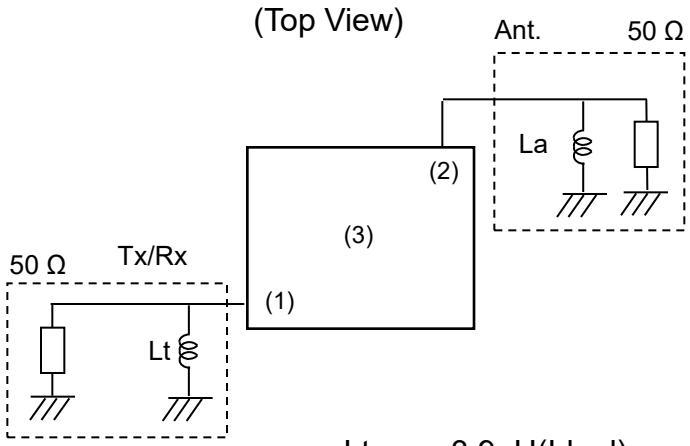


Unit : mm

Pin No.	Function
(1)	Input(Tx / Rx)
(2)	Output(Ant.)
(3)	GND

Unit : mm
* : KYOCERA logo
B01 : Identification no.
● : Index mark of pin 1
XXXX : Production code

Test Circuit



Lt : 3.9nH(Ideal)
La : 5.6nH(Ideal)

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Rating

Items		Rating	Unit	Note
Operating Temperature Range		-40 to +95	deg.C	
Storage Temperature Range		-40 to +125	deg.C	
Max Input Power	Tx Port:2515-2675MHz	32	dBm	LTE 5MHz (PAR=8.0dB Duty40%) 10 years @95deg.C
Tx/Rx Port Nominal Impedance		50//3.9nH	ohm	Unbalance
Ant. Port Nominal Impedance		50//5.6nH	ohm	Unbalance

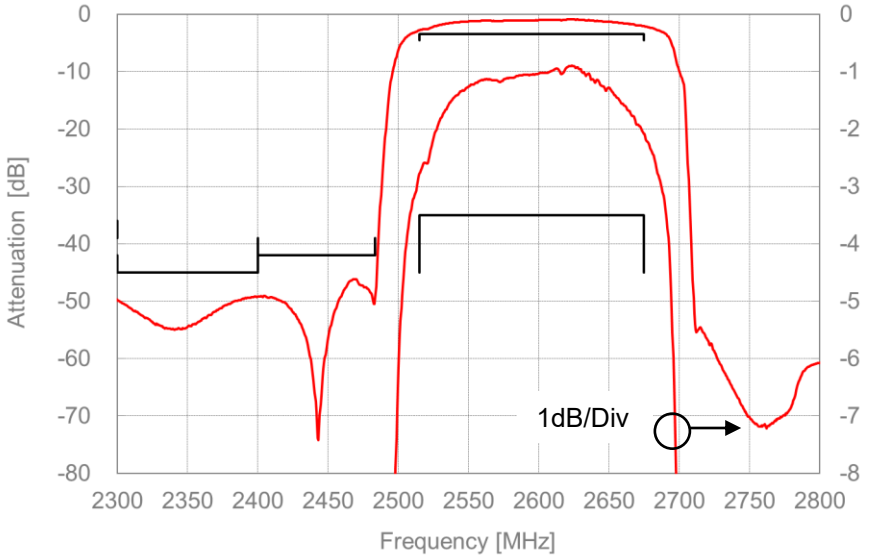
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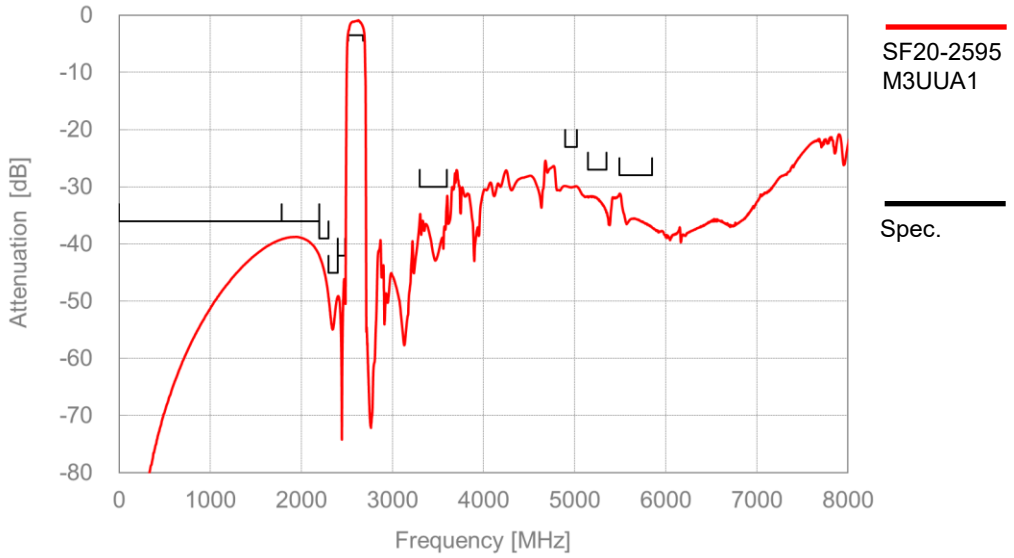
Characteristic table

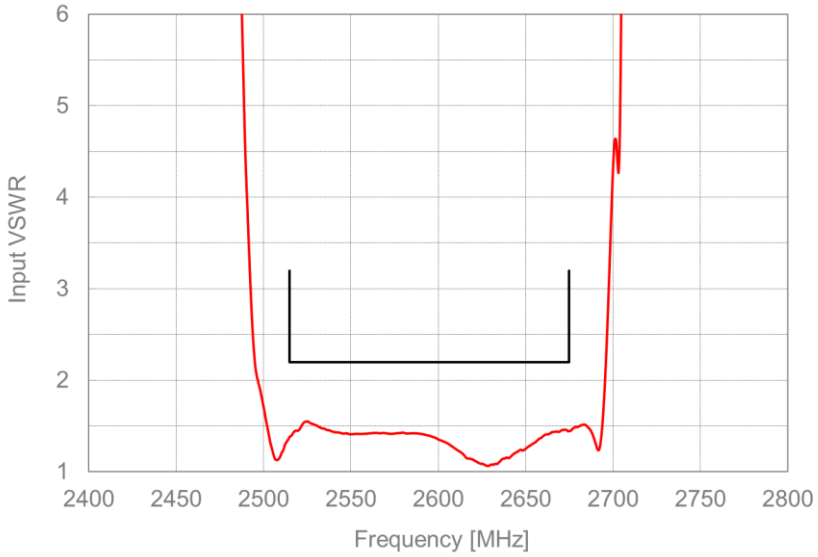
Items		Frequency (MHz)			Unit	Specification			Notes
						min.	typ.	max.	
Insertion Loss		2515	-	2675	dB	-	2.6	3.5	
Ripple		2515	-	2675	dB	-	1.8	3.2	
VSWR	Input-port	2515	-	2675	-	-	1.6	2.2	
	Output-port	2515	-	2675	-	-	1.8	2.2	
Attenuation		1	-	1785	dB	36	39	-	
		1785	-	2200	dB	36	39	-	
		2200	-	2300	dB	39	42	-	
		2300	-	2400	dB	45	49	-	
		2400	-	2483.5	dB	42	46	-	
		3300	-	3600	dB	30	35	-	
		4900	-	5025	dB	23	30	-	
		5150	-	5350	dB	27	32	-	
		5490	-	5850	dB	28	32	-	

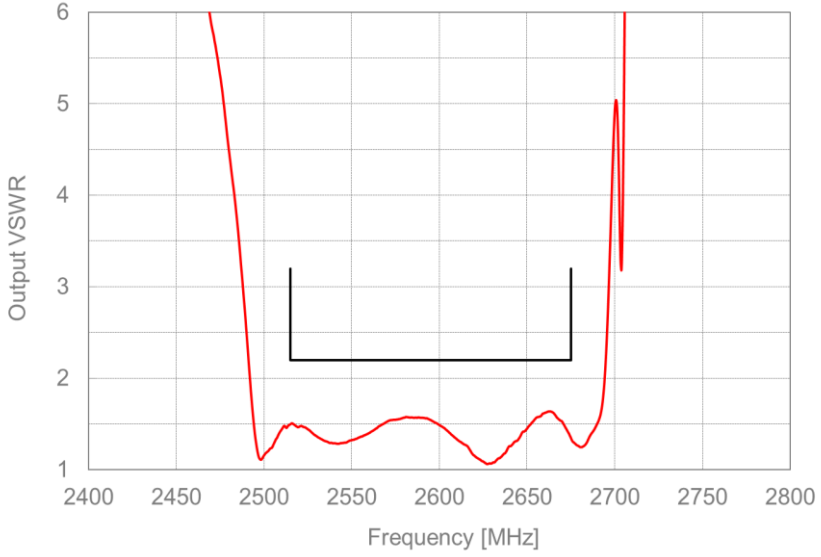
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Typical Curve Data





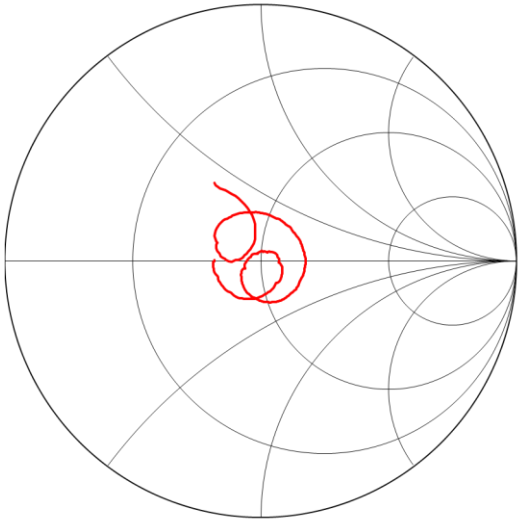




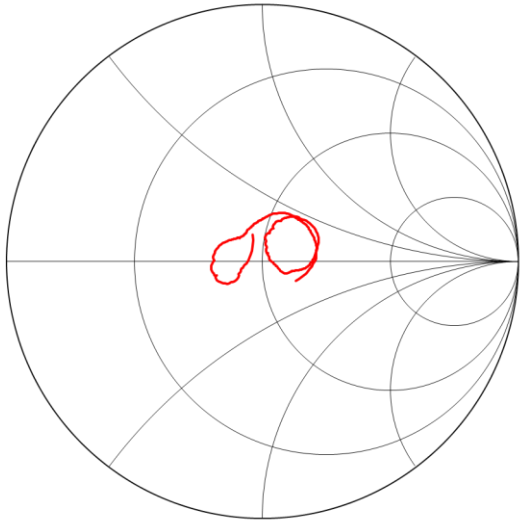
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Typical Curve Data

[Port impedance]



Input (TRx)



Output (Ant.)

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