

Datasheet of SAW Filter

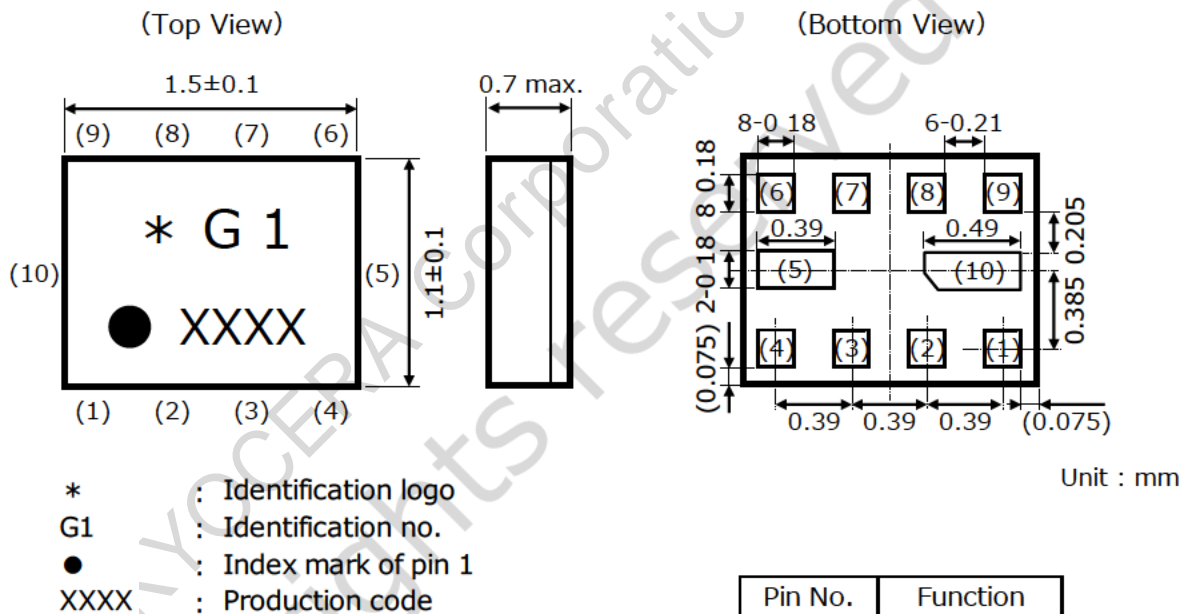
1511 Band39,41n DRx Diplex Dual

KYOCERA Part No. : SF15-2600AASUB1

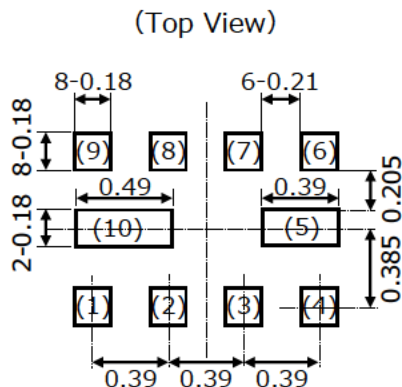
Rating

Items	Rating	Unit	Note
Operating Temperature Range	-30 to +85	deg.C	
Storage Temperature Range	-40 to +85	deg.C	
Max Input Power (DRx port)	+13	dBm	5,000hours, Ta=50deg.C, CW
Ant Port Nominal Impedance	50//2.2nH	ohm	Unbalance
Band41 Port Nominal Impedance	50//5.1nH	ohm	Unbalance
Band39 Port Nominal Impedance	50//10nH	ohm	Unbalance

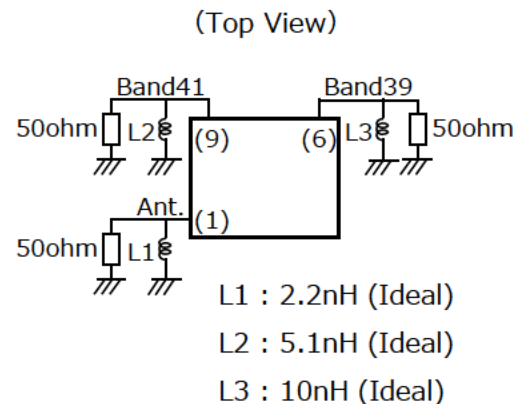
Dimensions



Recommendable Land Pattern



Measurement Circuit



Electrical Characteristics

Band39

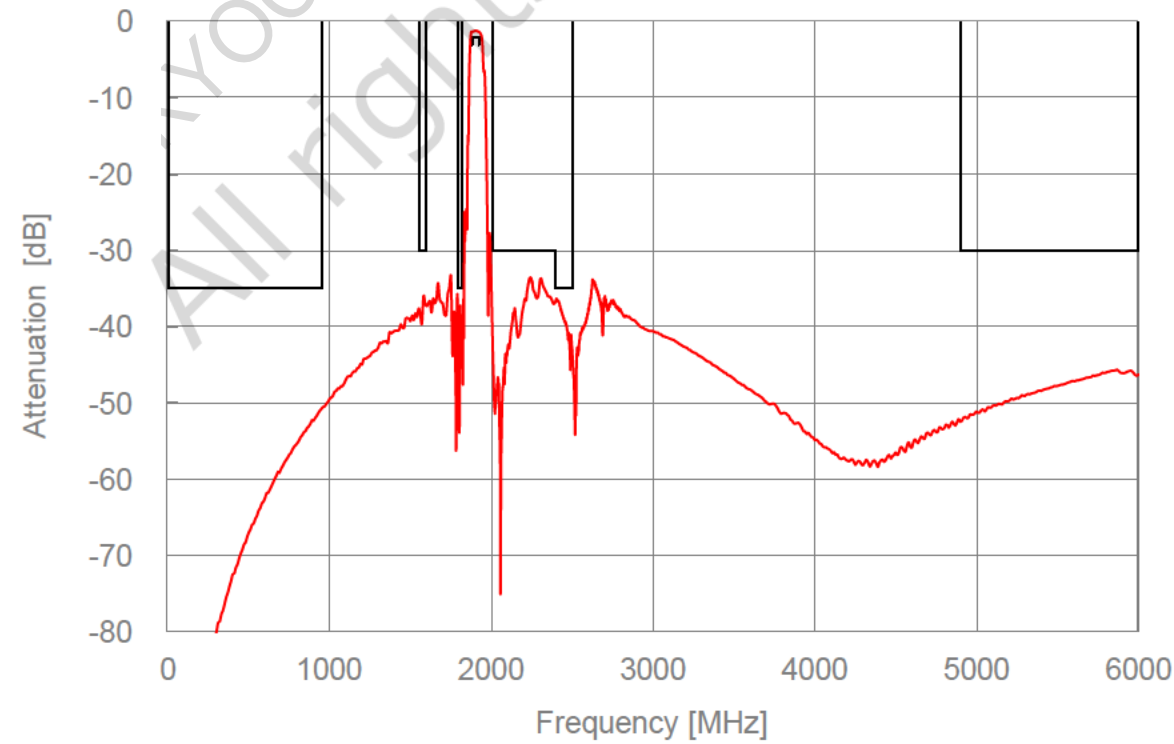
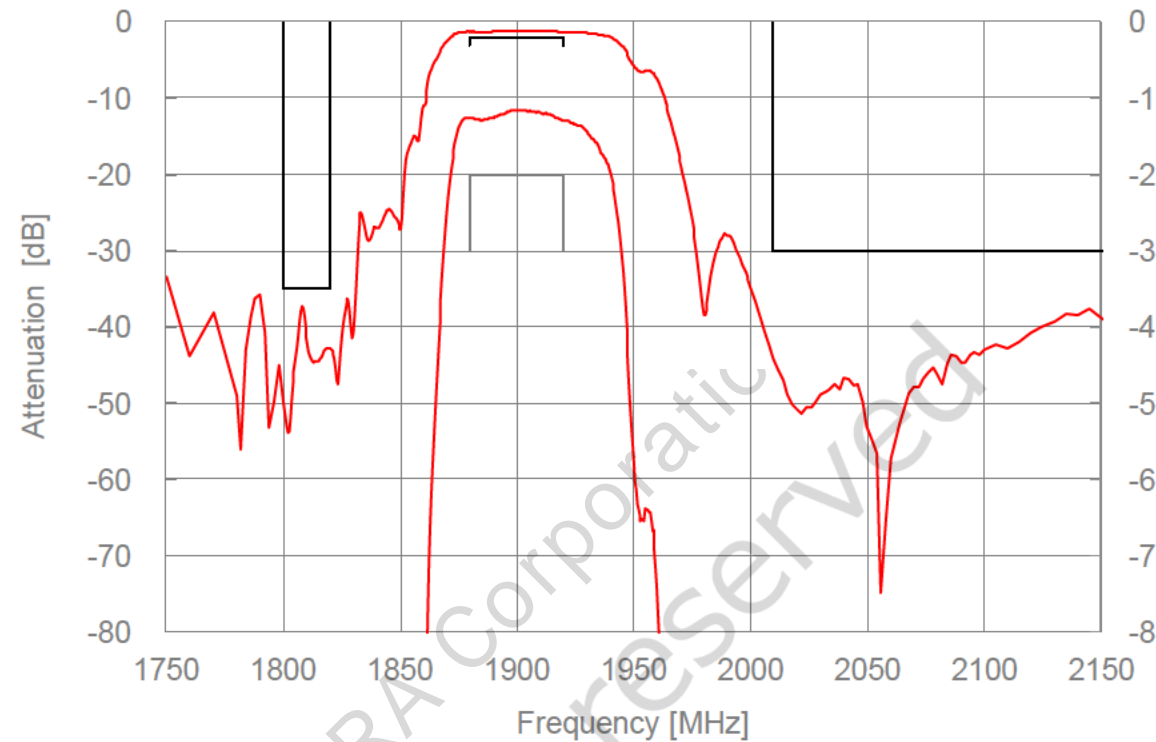
Items	Frequency (MHz)			Characteristics			Unit	Note
				min.	typ.	max.		
Nominal Center Frequency	-			1900			MHz	
Insertion Loss	1880	to	1920	-	1.3	2.0	dB	
Ripple	1880	to	1920	-	0.1	1.0	dB	
Ant. VSWR	1880	to	1920	-	1.3	2.1	-	
B39 VSWR	1880	to	1920	-	1.4	2.1	-	
Absolute Attenuation	10	to	960	35	51	-	dB	
	1560	to	1600	30	36	-	dB	
	1800	to	1820	35	37	-	dB	
	2010	to	2025	30	44	-	dB	
	2025	to	2400	30	34	-	dB	
	2400	to	2500	35	36	-	dB	
	4900	to	6000	30	46	-	dB	

Band41

Items	Frequency (MHz)			Characteristics			Unit	Note
				min.	typ.	max.		
Nominal Center Frequency	-			2600			MHz	
Insertion Loss	2545	to	2655	-	2.4	3.1	dB	
Ripple	2545	to	2655	-	1.0	2.0	dB	
Ant. VSWR	2545	to	2655	-	1.5	2.1	-	
B41 VSWR	2545	to	2655	-	1.4	2.1	-	
Absolute Attenuation	10	to	960	35	50	-	dB	
	1560	to	1600	30	34	-	dB	
	1710	to	2300	28	31	-	dB	
	2300	to	2400	28	35	-	dB	
	2400	to	2483	28	36	-	dB	
	2750	to	4900	30	35	-	dB	
	4900	to	5900	30	35	-	dB	

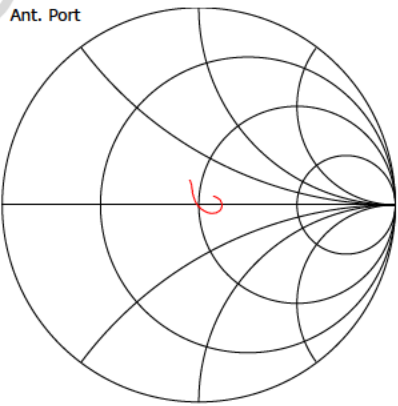
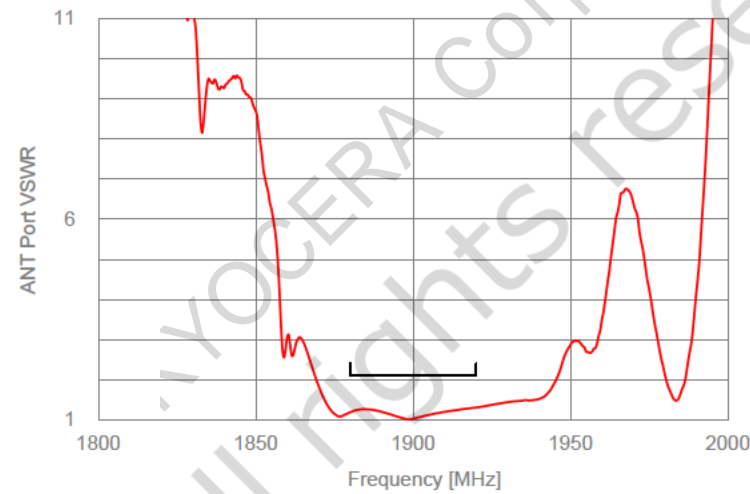
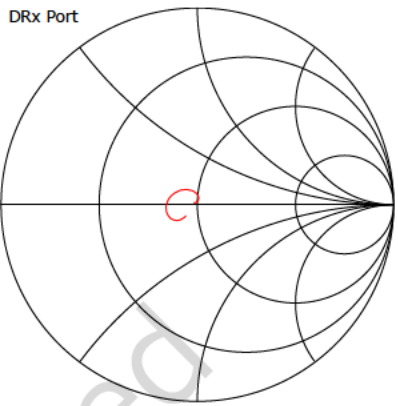
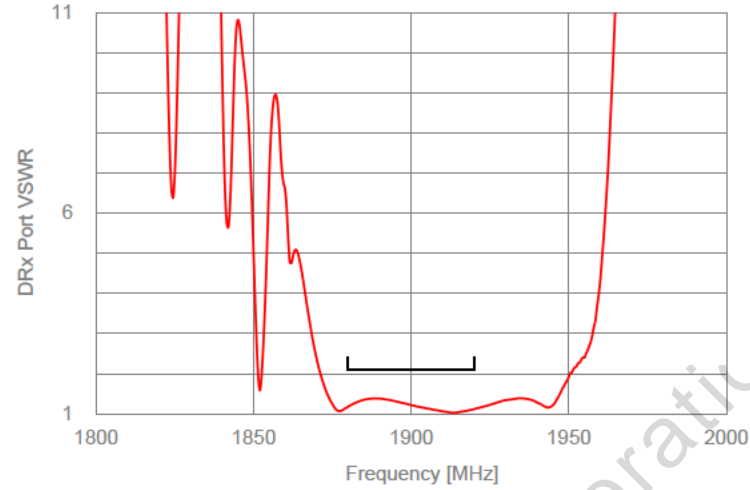
Electrical Characteristics

[Band39]



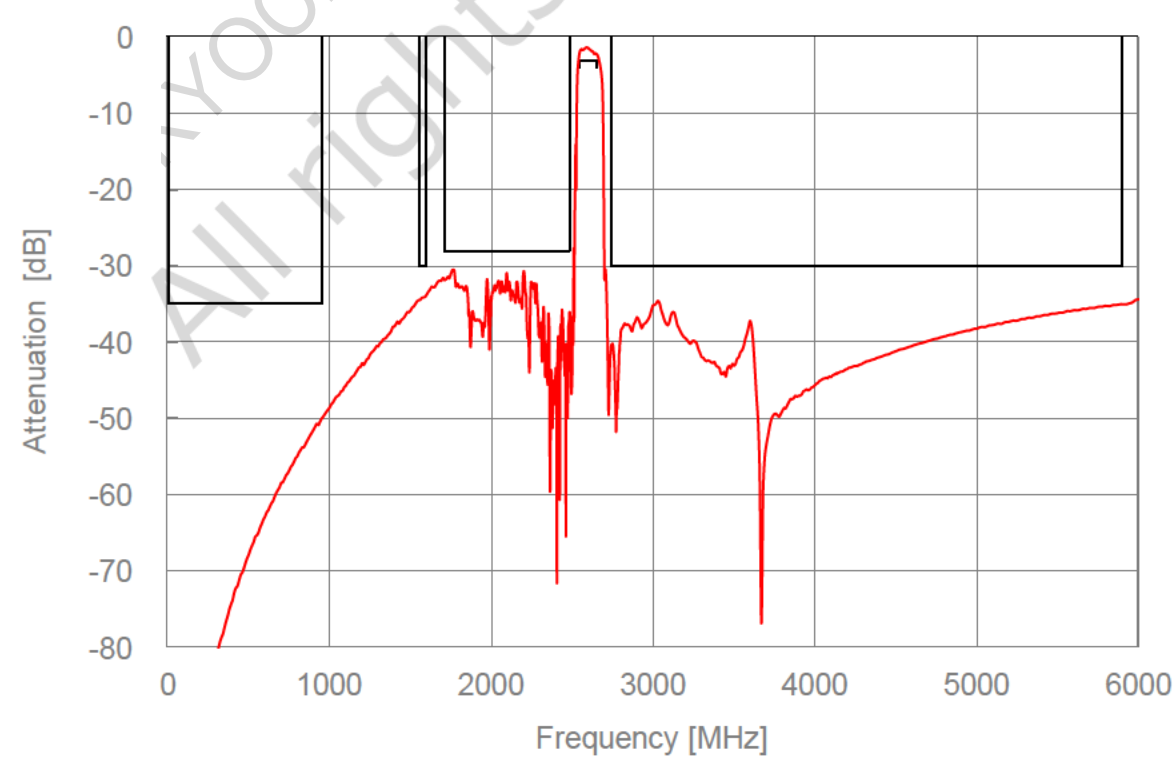
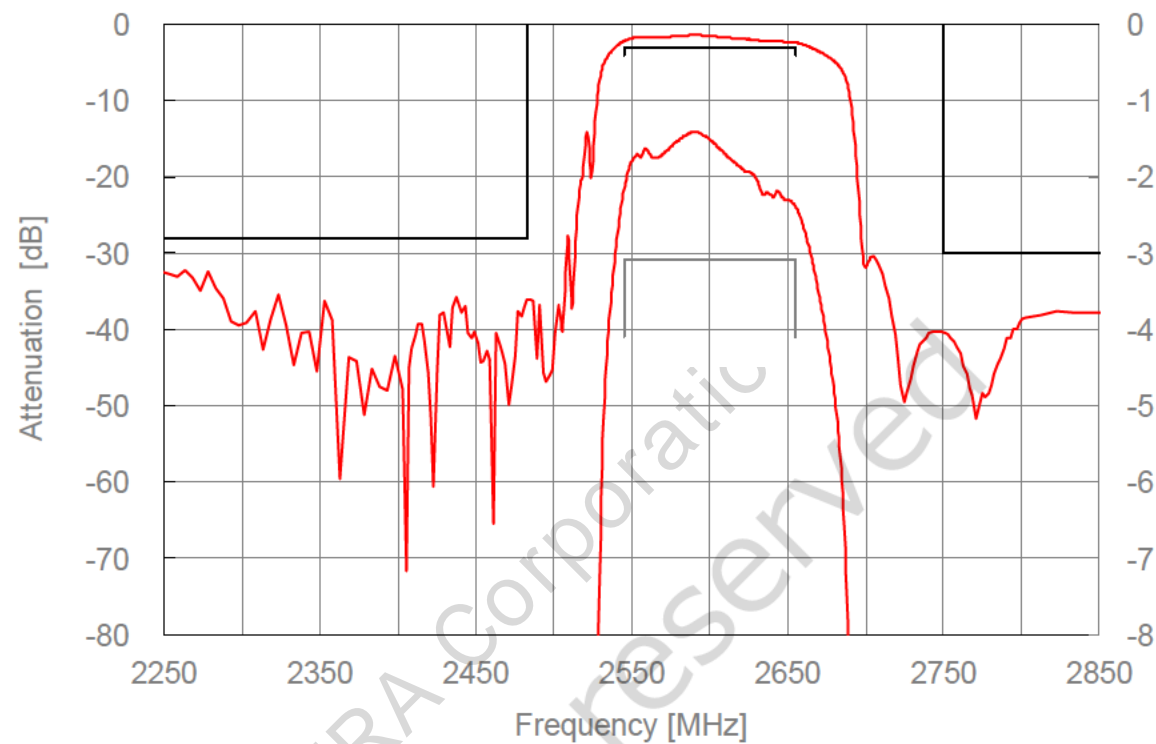
Electrical Characteristics

[Band39]



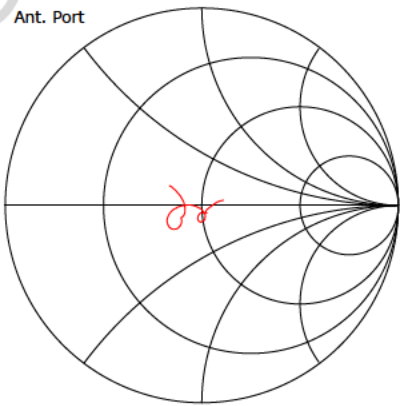
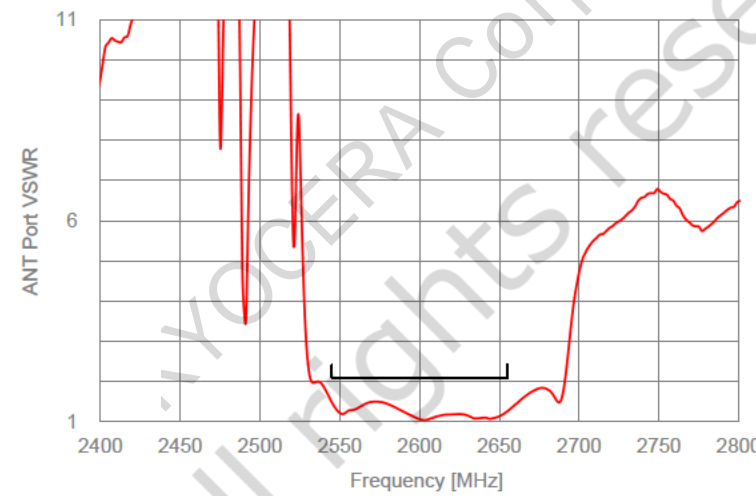
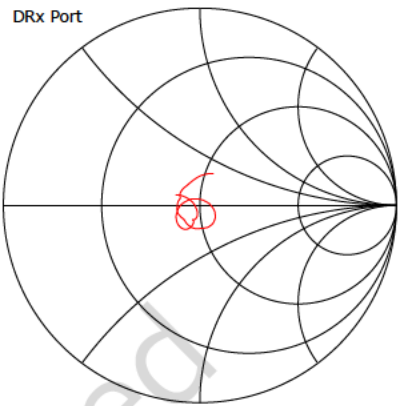
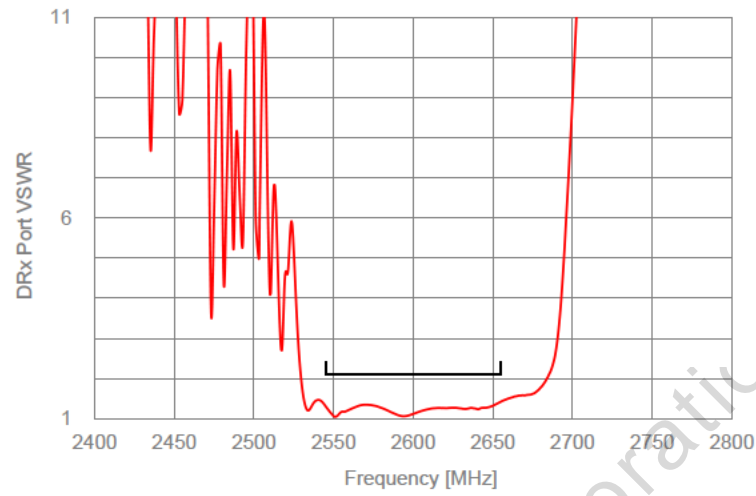
Electrical Characteristics

[Band41]



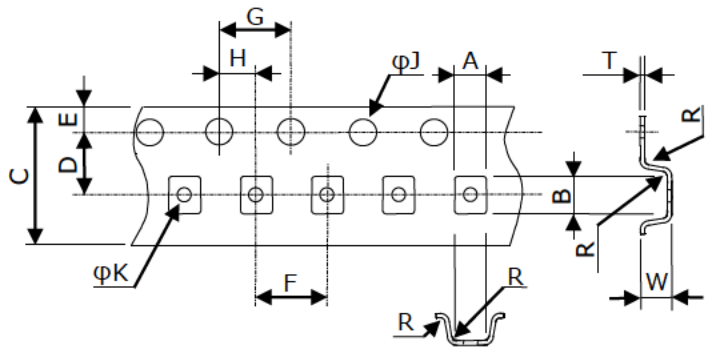
Electrical Characteristics

[Band41]



Tape & Reel Specification

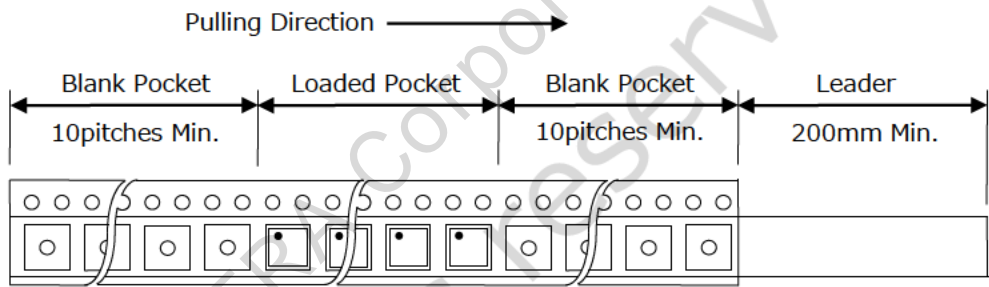
[Tape]



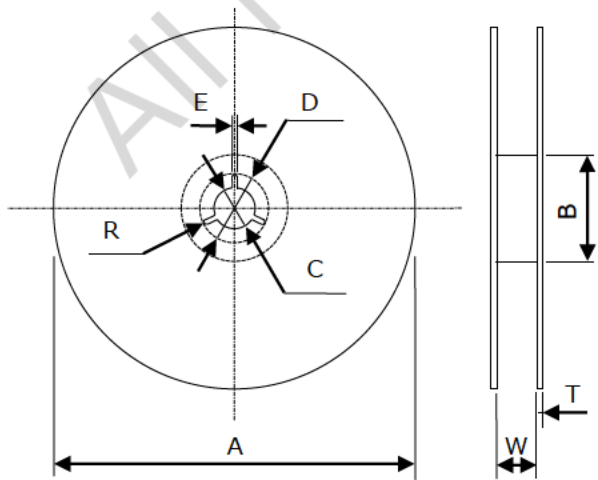
Unit : mm

Part	Dimension
A	1.4±0.1
B	1.7±0.1
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
I	1.5±0.1
J	0.50±0.05
K	0.3 Max
L	0.8±0.1
M	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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