



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

881 MHz CDMA Balanced RF-Rx Saw Filter

Part Number: AM881S525



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	881.5	-
Insertion Loss within 869 ~ 894 MHz	dB	-	2.3	3.0
VSWR within 869 ~ 894 MHz	-	-	1.7	2.2
Attenuation:				
100 ~ 824 MHz	dB	40	55	-
824 ~ 849 MHz	dB	35	44	-
914 ~ 970 MHz	dB	20	25	-
970 ~ 3000 MHz	dB	40	55	-
3000 ~ 6000 MHz	dB	35	50	-
Output Amplitude Balance (S31/S21)	dB	-1.0	±0.3	1.0
Output Phase Balance ((S31) – (S21) + 180°)	degree	-10	±0.9	10

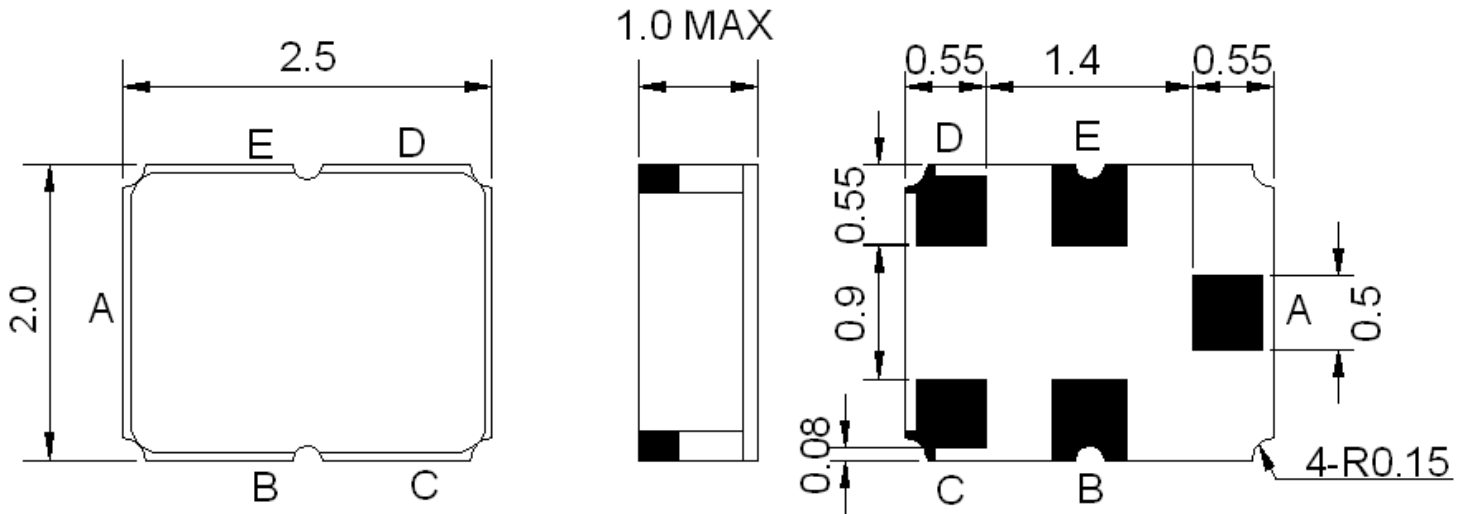
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	0
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Balanced Ended) ₁		-	200/18nH	-
Package Size and Type	2.5 x 2.0 x 1.0 mm L1			



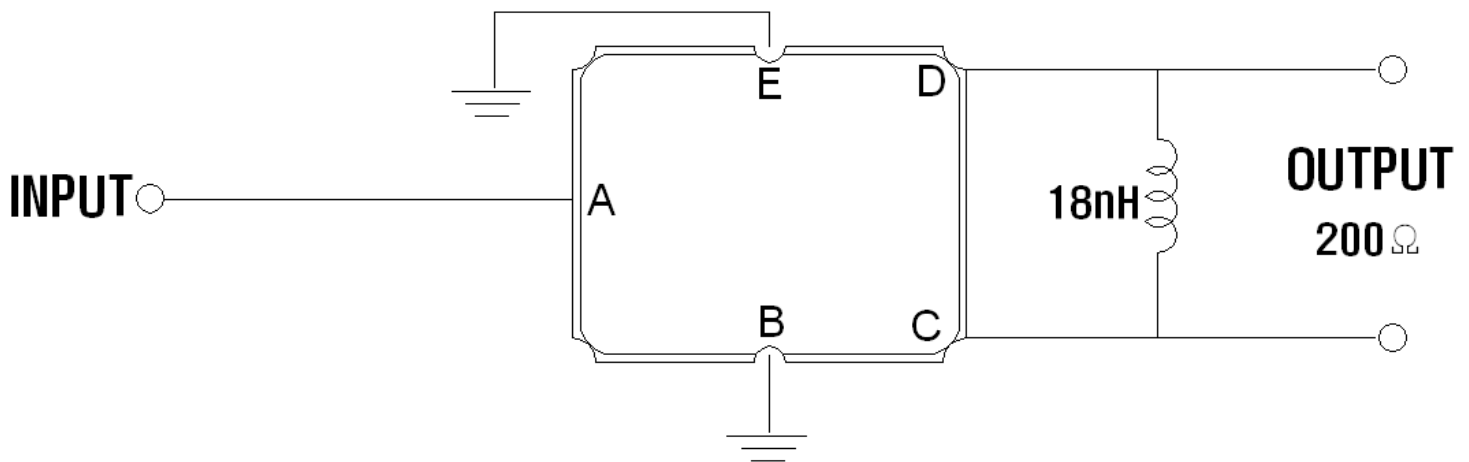
**881 MHz CDMA
Balanced RF-Rx Saw Filter
Part Number: AM881S525**



Outline Drawing:



Testing Environment:



Source Impedance: 50 Ω

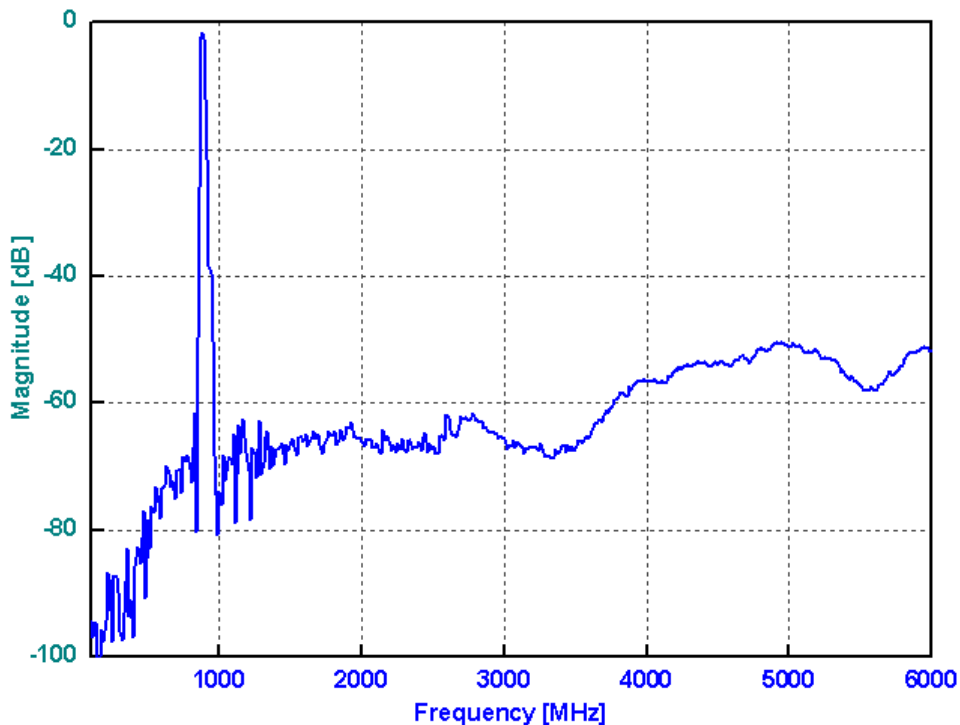
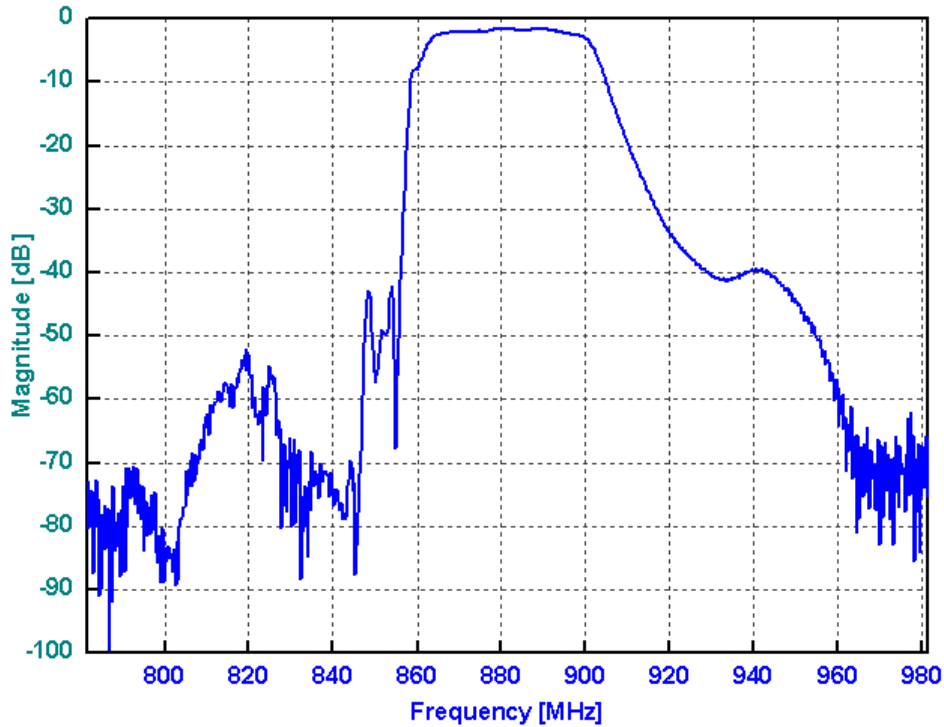


881 MHz CDMA Balanced RF-Rx Saw Filter

Part Number: AM881S525



Response Plot:





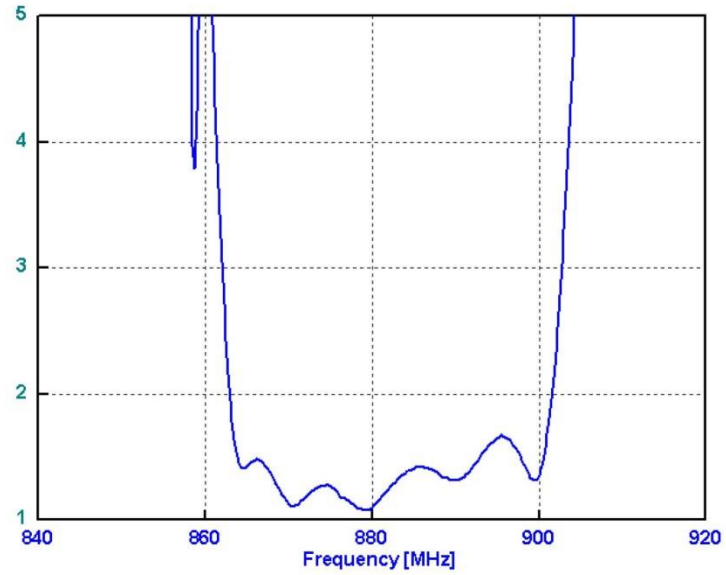
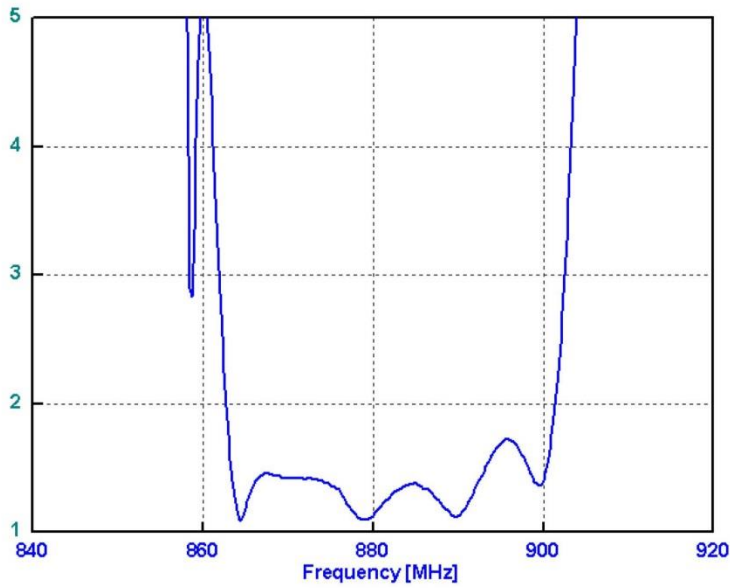
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

881 MHz CDMA Balanced RF-Rx Saw Filter

Part Number: AM881S525



VSWR



Smith Chart

