

SAW Filter for PCS Tx (2in1 type)

MODEL ST186P189P1-J

1. ELECTRICAL CHARACTERISTICS : Ta = -30 to +85 °C

As of Sep. 29, 2000

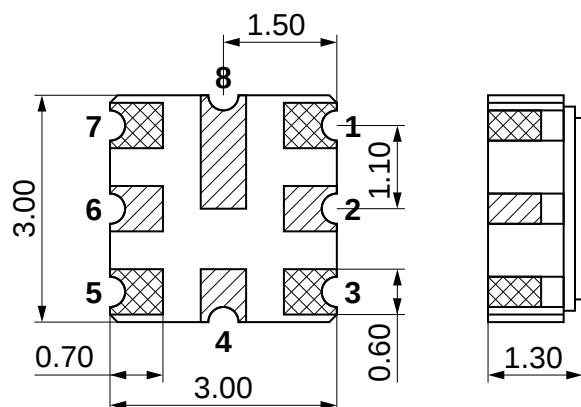
Filter 1

ITEM		SPECIFICATIONS			UNIT	NOTE
Nominal I/O Impedance		50			ohm	
Nominal Center Freq. : f_0		1865			MHz	
Pass Band		1850 to 1880			MHz	
		min.	typ.	Max.		
Insertion Loss			1.8	3.0	dB	
Ripple at Pass Band			0.5	1.7	dB	
V.S.W.R. at Pass Band			1.5	2.5	-	
Attenuations	0.1 to 1700 MHz	22	25		dB	
	1700 to 1760 MHz	25	38		dB	
	1930 to 2000 MHz	30	35		dB	
	2000 to 2500 MHz	20	35		dB	
Operating Temperature range		-30 to +85			°C	

Filter 2

ITEM		SPECIFICATIONS			UNIT	NOTE
Nominal I/O Impedance		50			ohm	
Nominal Center Freq. : f_0		1895			MHz	
Pass Band		1880 to 1910			MHz	
		min.	typ.	max.		
Insertion Loss			1.8	3.0	dB	
Ripple at Pass Band			0.5	1.7	dB	
V.S.W.R. at Pass Band			1.5	2.5	-	
Attenuations	0.1 to 1700 MHz	22	25		dB	
	1700 to 1780 MHz	25	38		dB	
	1960 to 2000 MHz	30	35		dB	
	2000 to 2500 MHz	20	35		dB	
Operating Temperature range		-30 to +85			°C	

2. MECHANICAL CONFIGURATION



Height : 1.25max.

Unit : mm

Tolerance : +/- 0.15mm

	CONNECTION
1, 7	INPUT/OUTPUT (Filter 1)
3, 5	INPUT/OUTPUT (Filter 2)
2, 4, 6, 8	GROUND

Specifications are subject to change without notice.