

= DATA SHEET =
(Tentative)

SAW Duplexer For GSM (Part name : H W Y N 2 0 1)

□ Electrical characteristics

T x

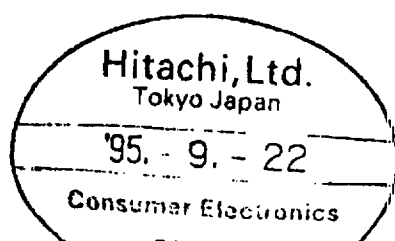
Item	Frequency (MHz)	Value			Unit	Ambient temperature
		Min.	Typ.	Max.		
Inband level	890.0~915.0		1.3	1.6	dB	25±2°C
			1.5	1.9		-20~75°C
Inband ripple	890.0~915.0		0.4	0.9	dB	25±2°C
			0.6	1.2		-20~75°C
Stopband attenuation (1)	935.0~960.0	15	19		dB	25±2°C
		15	19			-20~75°C
Stopband attenuation (2)	925.0~935.0	4	12		dB	25±2°C
		3	7			-20~75°C
Stopband attenuation (3)	1780.0~1830.0	30	33		dB	25±2°C
		30	33			-20~75°C
Stopband attenuation (4)	2670.0~2745.0	35	40		dB	25±2°C
		35	40			-20~75°C

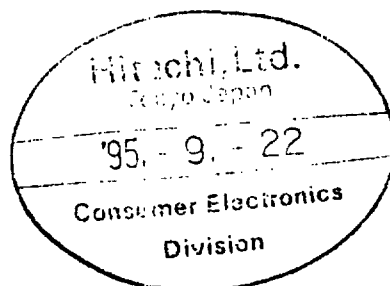
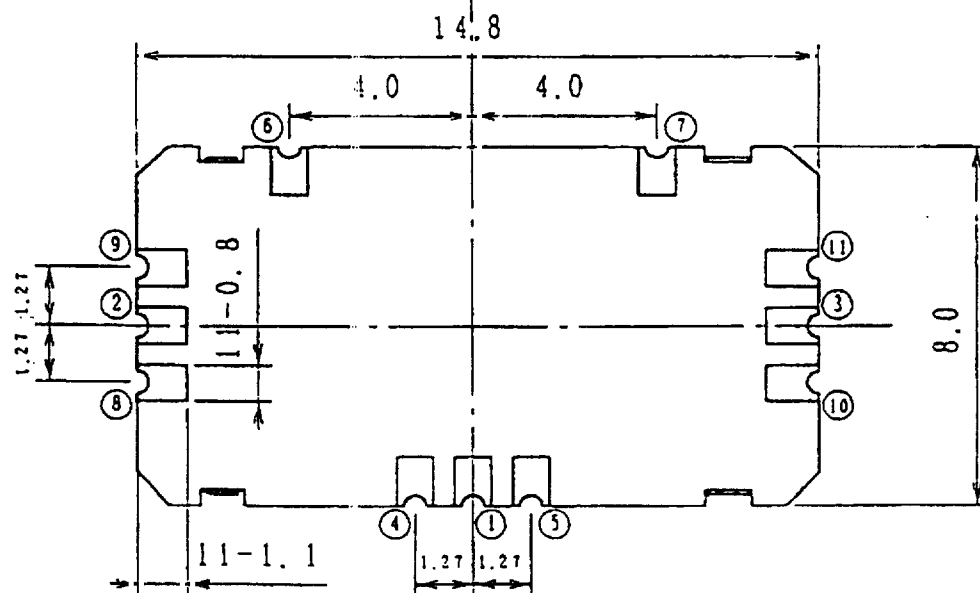
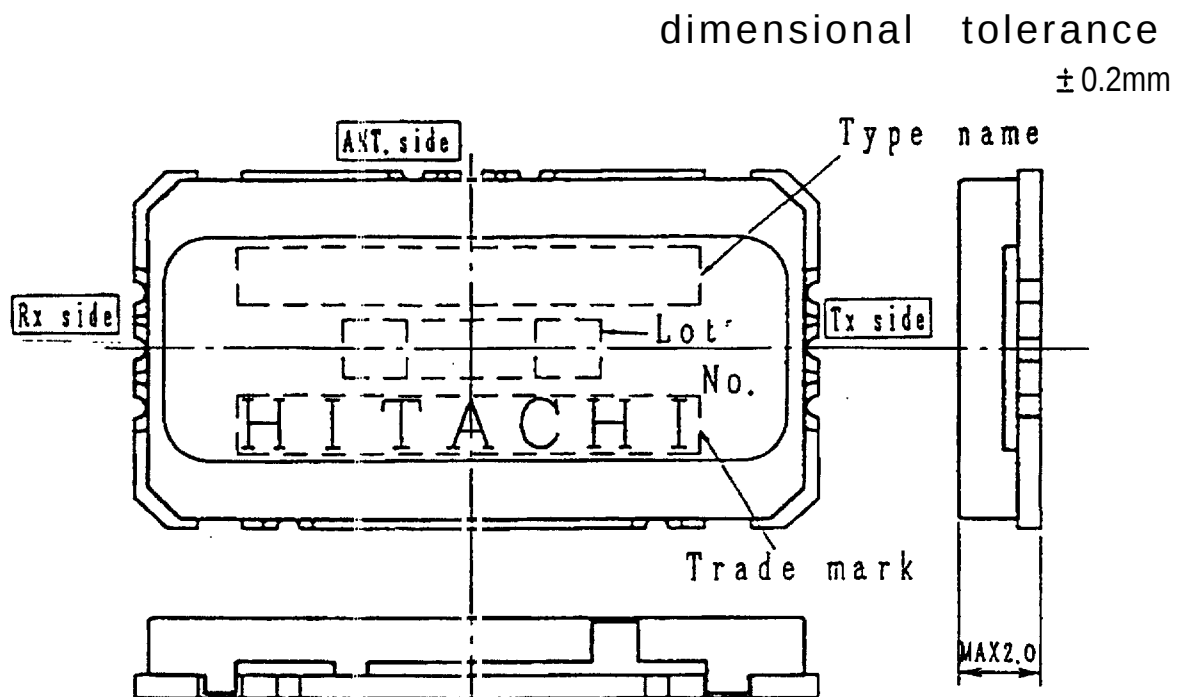
Test condition : drive impedance 50ohm ; Load impedance 50ohm

R x

Item	Frequency (MHz)	Value			Unit	Ambient temperature
		Min.	Typ.	Max.		
Inband level	935.0~960.0		3.0	3.5	dB	25±2°C
			3.7	4.3		-20~75°C
Inband ripple	935.0~960.0		0.8	1.5	dB	25±2°C
			1.5	2.3		-20~75°C
Stopband attenuation (1)	890.0~915.0	30	35		dB	25±2°C
		30	35			-20~75°C
Stopband attenuation (2)	980.0~1050.0	23	27		dB	25±2°C
		23	27			-20~75°C
Stopband attenuation (3)	1400.0~1500.0	35	40		dB	25±2°C
		35	40			-20~75°C

Test condition : drive impedance 50ohm ; Load impedance 50ohm





Pad No	Function
①	ANT.
②	Rx
③	Tx
④ ~ ⑪	GND

Outline dimension for GSM DUPLEXER