

Радиочастотные фильтры
и ПАВ фильтры

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1. Operating temperature: $-20^{\circ}\text{C} \sim +75^{\circ}\text{C}$

2. Storage Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

RoHS Compliant
Lead free
Lead-free soldering

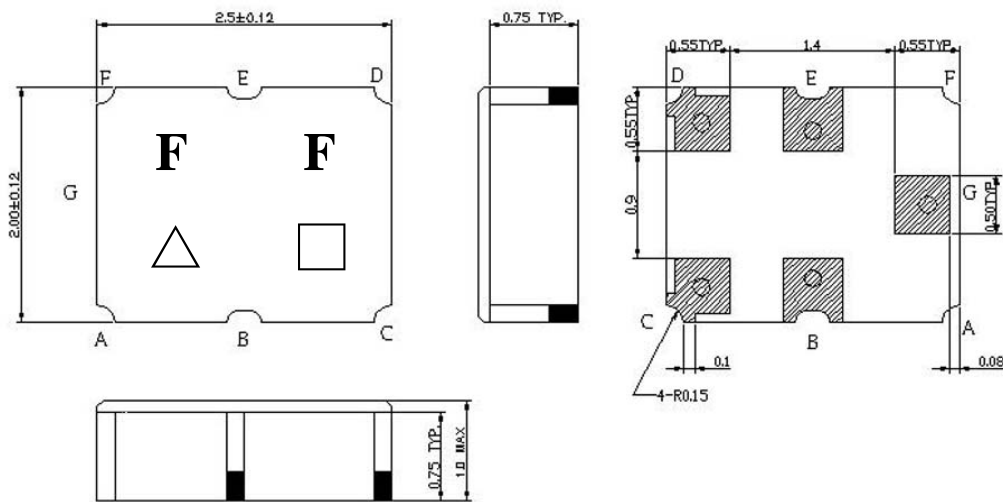
B. ELECTRICAL CHARACTERISTICS :

Singled to Balanced operation

Terminating source impedance : $Z_s = 50 \ \Omega$

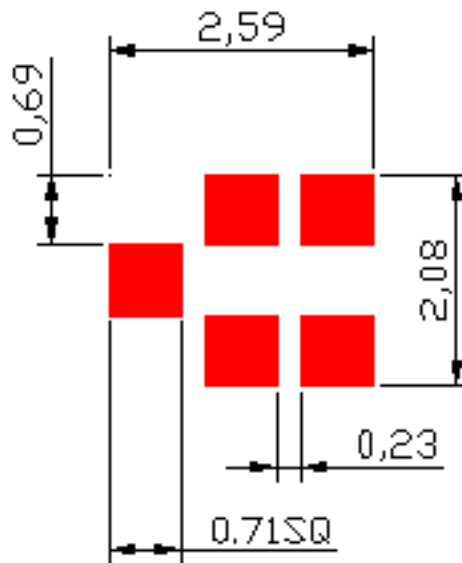
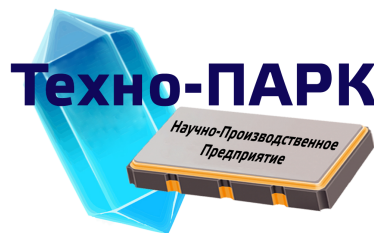
Terminating load impedance : $Z_L = 200 \ \Omega // 18 \text{ nH}$

Item			Value			Note
			Min.	Typ.	Max.	
Center frequency	F_c	MHz	-	1960	-	-
Insertion loss (1930~1990 MHz)	I.L.	(dB)	-	2.7	4.0	-
Ripple	(1930~1990 MHz)	(dB)	-	0.6	2.4	-
Input VSWR	(1930~1990 MHz)		-	1.8	2.4	-
Output VSWR	(1930~1990 MHz)		-	2.0	2.4	-
Attenuation: (Reference level from 0 dB)						
0 ~ 1000	MHz	(dB)	45	55	-	-
1000 ~ 1830	MHz	(dB)	25	31	-	-
1830 ~ 1900	MHz	(dB)	15	25	-	-
1900 ~ 1910	MHz	(dB)	7	12.5	-	-
2010 ~ 2030	MHz	(dB)	5	8	-	-
2030 ~ 2070	MHz	(dB)	12	18	-	-
2070 ~ 2310	MHz	(dB)	20	23.5	-	-
2310 ~ 2380	MHz	(dB)	35	38	-	-
2380 ~ 4600	MHz	(dB)	30	39	-	-
4600 ~ 6000	MHz	(dB)	23	54	-	-
Symmetry in band (referenced to the matched operating condition)						
$ S_{31} / S_{21} $	(1930~1990 MHz)	(dB)	-2.0	0	1.5	-
$\Phi(S_{31})-\Phi(S_{21})$	(1930~1990 MHz)	degree	-15	0	15	-

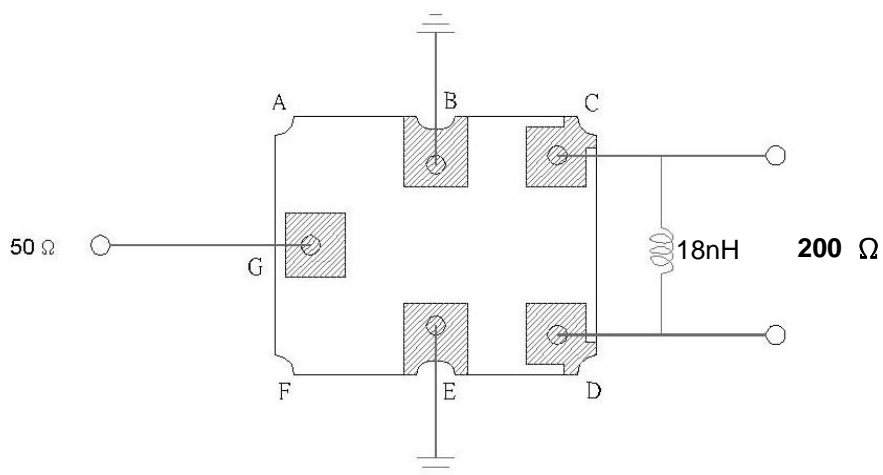


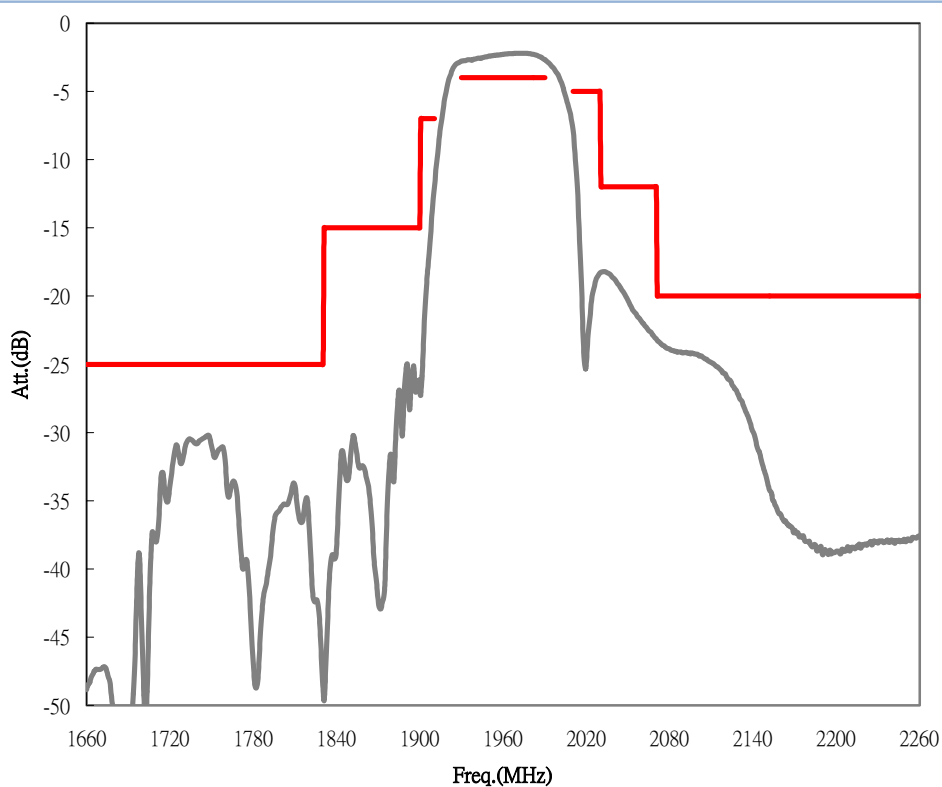
Pin configuration

- G : Unbalance input
- C,D : Balance output
- B,E : Ground
- △ : Year code (2004->4, 2005->5, ..., 2009->9)
- : Date code
- Unit : mm

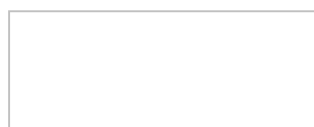
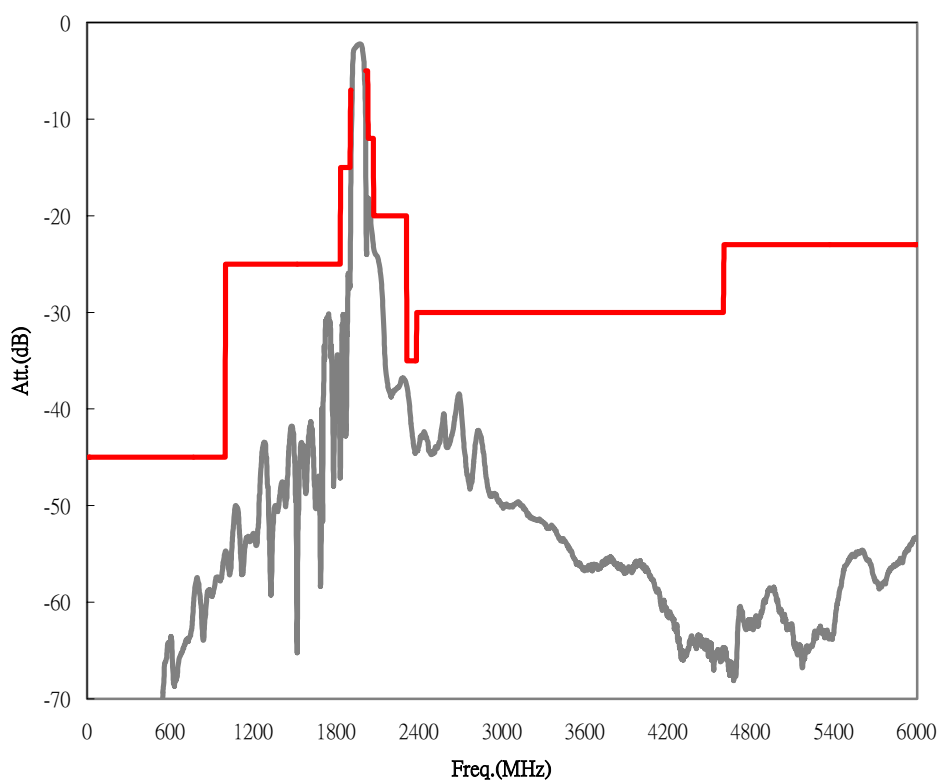


E. MEASUREMENT CIRCUIT:

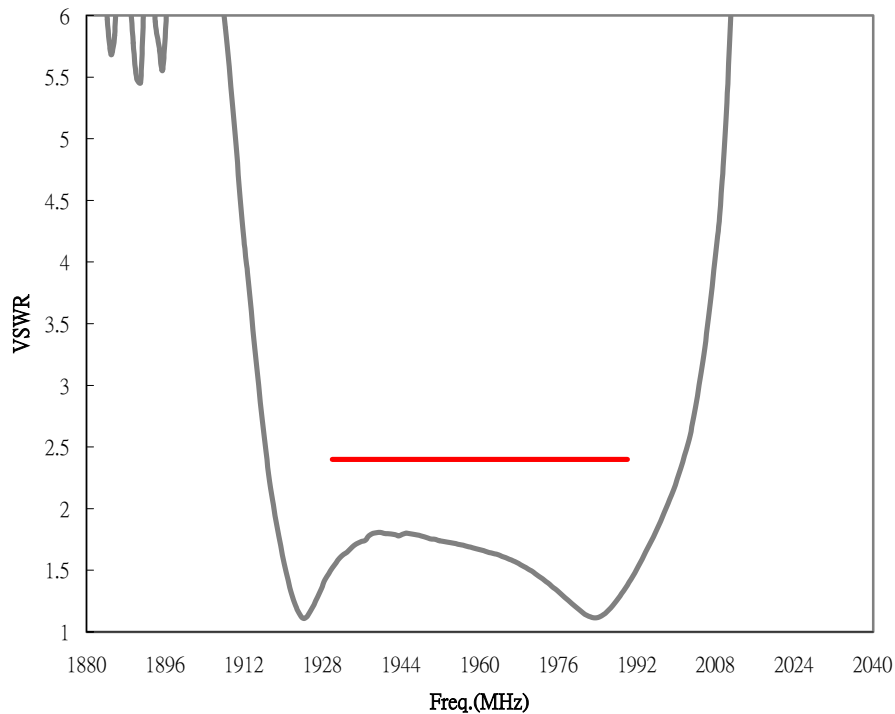




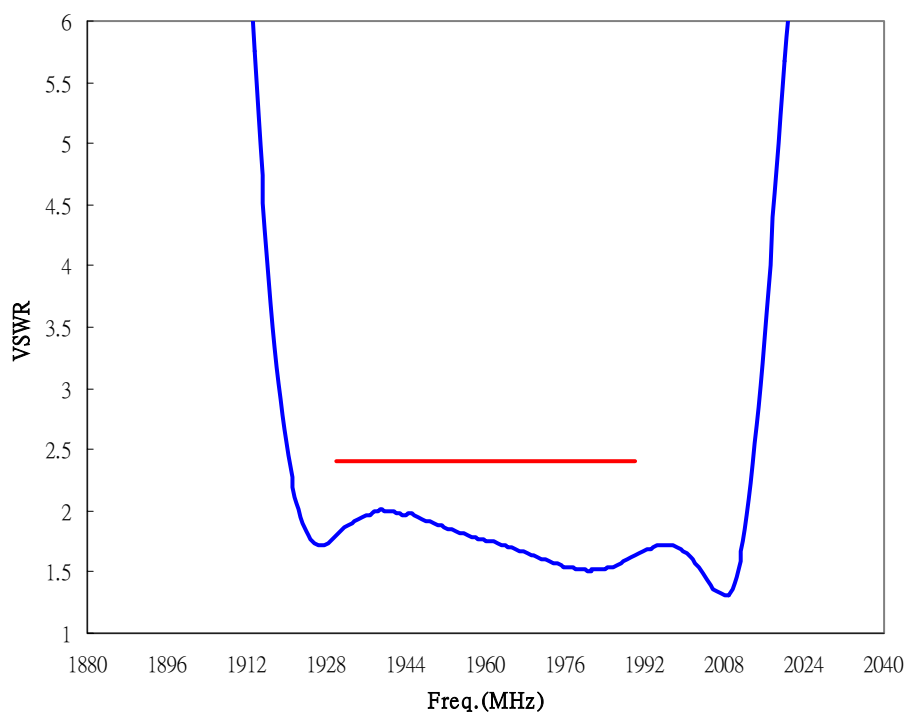
(wideband)



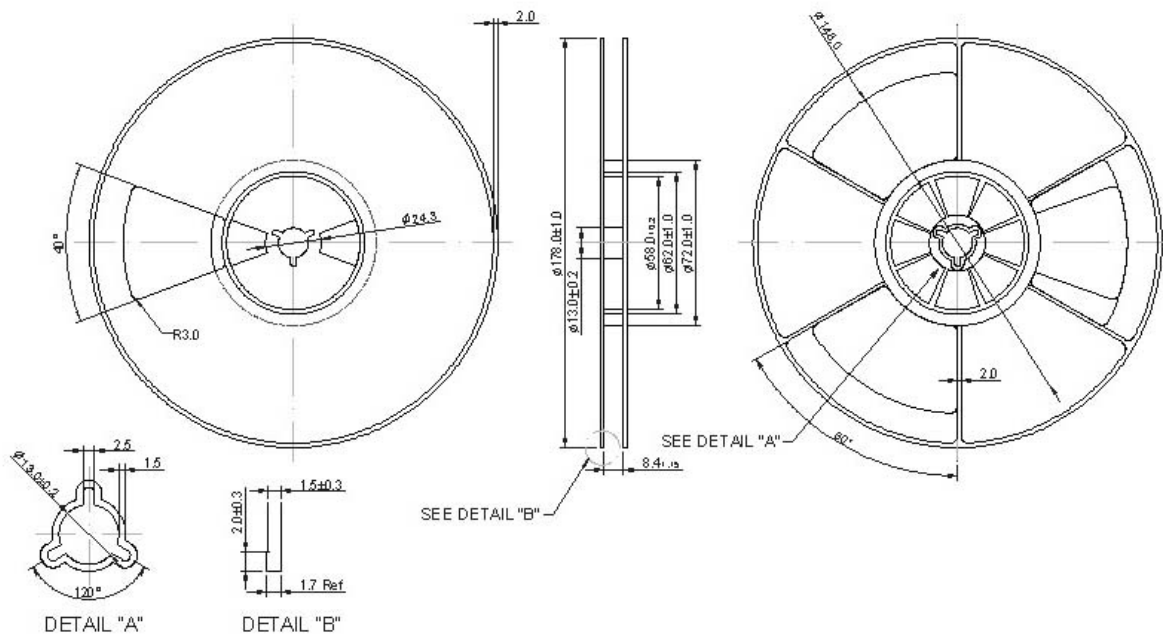
Unbalance Input



Balance Output



1. REEL DIMENSION



2. TAPE DIMENSION

