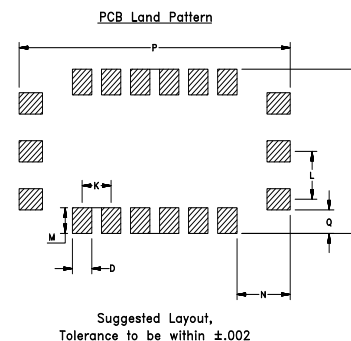




ECO BPF-F200+

Outline Drawing

- Narrow bandwidth
- Sharper cut-off
- Shielded package



Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	1 W Max.

INPUT	18
OUTPUT	9
GROUND	1,3,4,5,6,7,8,10,12,13,14,15,16,17
NO CONNECTION	2,11

A	B	C	D	E	F	G	H	J
.730	1.360	.350	.100	.100	.180	.140	.140	.305
18.54	34.54	8.89	2.54	2.54	4.57	3.56	3.56	7.75
K	L	M	N	P	Q	R		Wt.
.150	.225	.120	.275	1.400	.110	.770		grams
3.81	5.72	3.05	6.99	35.56	2.79	19.56		6.0

Parameter		F#	Frequency (MHz)	Min.	Typ.	Max.	Unit
Pass Band	Center Frequency	—	—	—	200	—	MHz
	Insertion Loss	F1-F2	195-205	—	7	8	dB
	VSWR	F1-F2	195-205	—	1.58	1.92	:1
Stop Band, Lower	Insertion Loss	DC-F3	DC-177	50	60	—	dB
		F3-F4	177-182	40	45	—	dB
	VSWR	DC-F4	DC-182	—	20	—	:1
Stop Band, Upper	Insertion Loss	F5-F6	225-1600	45	55	—	dB
	VSWR	F5-F6	225-1600	—	20	—	:1

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	Frequency (MHz)	Group Delay (nsec)
1	105.61	148.16	195.0	96.93
150	90.19	139.13	195.5	93.40
177	69.25	36.70	196.0	90.42
182	52.25	20.61	196.5	87.93
185	40.60	12.80	197.0	85.83
187	31.68	8.44	197.5	84.08
189	21.70	4.74	198.0	82.65
195	5.72	1.11	198.5	81.49
200	4.88	1.15	199.0	80.61
205	5.60	1.04	199.5	79.96
210	15.03	4.14	200.0	79.53
211	18.96	5.86	200.5	79.29
212	22.90	7.80	201.0	79.25
214	30.22	12.06	201.5	79.40
216	36.66	16.69	202.0	79.76
225	57.95	41.36	202.5	80.32
500	104.50	626.76	203.0	81.10
1000	83.33	242.72	203.5	82.17
1575	54.83	118.68	204.0	83.56
1600	61.79	126.21	205.0	87.36

