

### Features

- Broader bandwidth
- High rejection
- Miniature shielded package

### Applications

- UHF antenna
- Radio link
- Transmitters / Receivers

## HL-BPF-A355+



50Ω 310 to 400 MHz

Electrical Specifications at 25°C						
Parameter		Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Center Frequency	310-400	-	355	-	MHz
	Insertion Loss	310-400	-	1.90	3.50	dB
	VSWR	310-400	-	1.22	1.92	:1
Stop Band, Lower	Insertion Loss	DC-237	20	27	-	dB
	VSWR	DC-237	-	20	-	:1
Stop Band, Upper	Insertion Loss	450-1400	20	30	-	dB
	VSWR	450-1400	-	20	-	:1

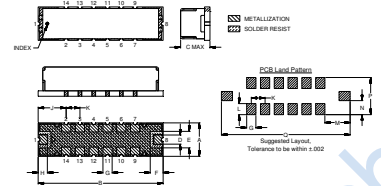
Maximum Ratings	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input*	0.8W max @ 25°C

Permanent damage may occur if any of these limits are exceeded.

Pad Connections	
INPUT	1
OUTPUT	8
GROUND	2,3,4,5,6,7,9,10,11,12,13,14

Typical Performance Data at 25°C				
Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	Frequency (MHz)	Group Delay (nsec)
1	56.16	868.59	310	9.96
201	74.51	86.86	315	9.65
211	58.58	72.39	320	9.42
237	29.66	39.49	325	9.25
249	19.42	25.19	330	9.14
265	7.19	6.71	335	9.06
273	3.28	2.78	340	9.02
300	1.14	1.13	345	9.03
310	1.08	1.10	350	9.08
355	1.15	1.17	355	9.19
400	1.77	1.12	356	9.21
411	3.18	1.89	360	9.35
420	7.37	3.62	365	9.57
427	12.75	5.25	370	9.85
435	19.95	6.81	375	10.19
445	29.71	8.90	380	10.62
450	34.93	10.07	385	11.16
570	73.46	35.46	390	11.88
750	64.45	29.46	395	12.89
1400	65.76	27.59	400	14.31

### Outline Drawing



Outline Dimensions: Unit ( mm )			
A	9.27	B	34.54
C	8.89	D	2.54
E	4.57	F	3.56
G	2.54	H	2.54
J	7.75	K	3.81
L	3.05	M	6.99
N	3.86	P	10.29
Q	35.56	WT	4g

### Suggested PCB Layout

