

Features

- Sharp roll-off
- Wide bandwidth
- Good VSWR
- Miniature shielded package

Applications

- Test equipment
- Receiver front end applications
- Harmonic rejection



HT-BPF-C510+

50Ω 20 to 1000 MHz

Electrical Specifications at 25°C

Parameter	F#	Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band						
Center Frequency	-	-	-	510	-	MHz
Insertion Loss	F1-F2	20-1000	-	1.5	2.7	dB
VSWR	F1-F2	20-1000	-	1.6	2.01	:1
Stop Band, Lower						
Insertion Loss	DC-F3	DC-17	20	29	-	dB
VSWR	DC-F3	DC-17	-	20	-	:1
Stop Band, Upper						
Insertion Loss	F4-F5	1150-1800	25	38	-	dB
VSWR	F4-F5	1150-1800	-	20	-	:1

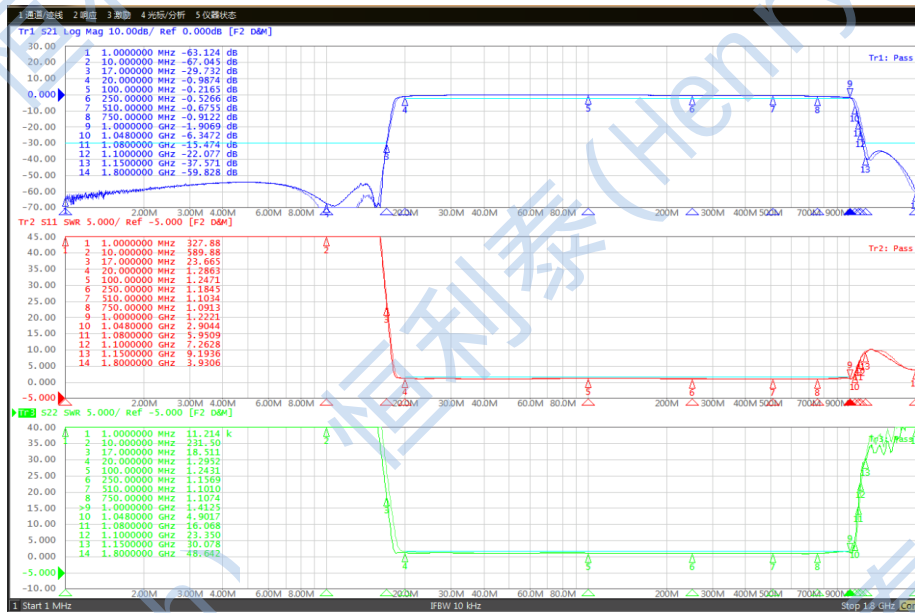
Maximum Ratings

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

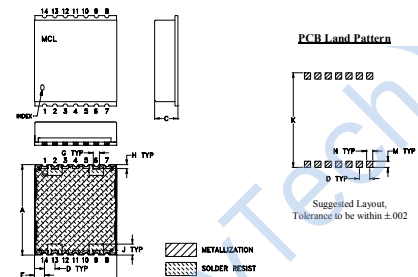
Permanent damage may occur if any of these limits are exceeded.

Pad Connections

INPUT	2
OUTPUT	9
NOT CONNECTED	6 & 13
GROUND	1,3,4,5,7,8,10,11,12,14



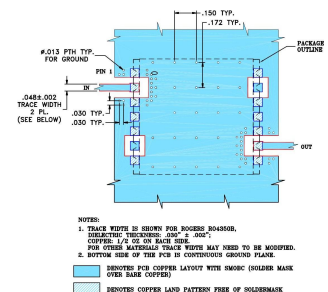
Outline Drawing



Outline Dimensions(mm)

A	B	C	D	E	G
22.10	20.32	6.35	2.54	2.46	1.52
H	J	K	M	N	wt
1.02	2.67	23.11	1.52	1.52	2.85g

Suggested PCB Layout



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