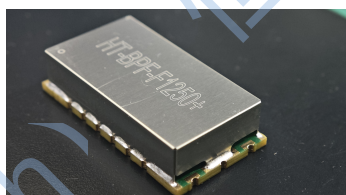


Features

- Broad bandwidth
- High rejection
- Miniature shielded package

Applications

- Broad band
- L-band
- Test and Measurements



HT-BPF-F1250+

50Ω 1050 to 1450 MHz

Electrical Specifications at 25°C

Parameter	Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Center Frequency	-	1250	-	MHz
	Insertion Loss	1050-1450	0.8	2.00	dB
	VSWR	1050-1450	1.35	1.65	:1
Stop Band, Lower	Insertion Loss	DC-960	20	20	dB
	VSWR	DC-960	-	10	:1
Stop Band, Upper	Insertion Loss	1640-2500	20	30	dB
	VSWR	1640-2500	-	10	:1

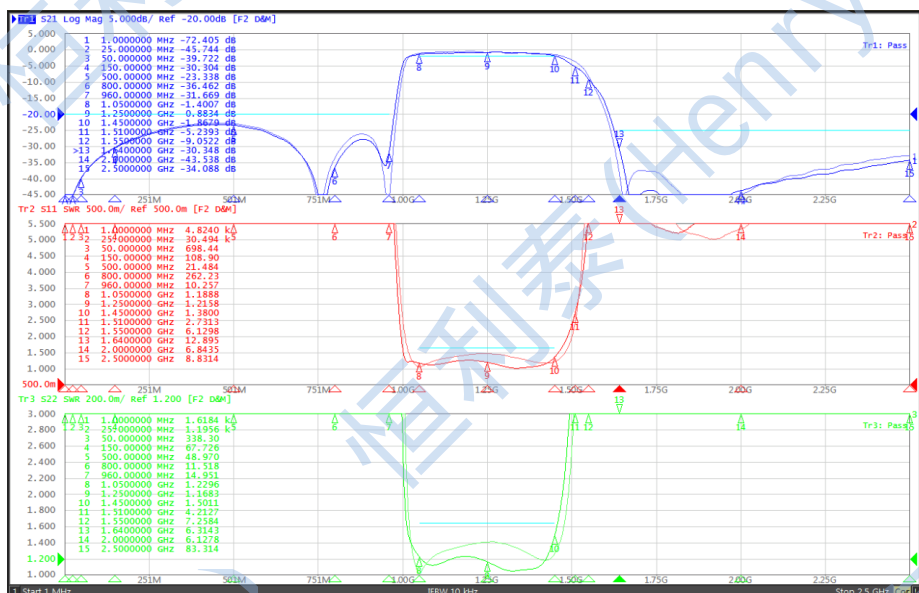
Maximum Ratings

Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input*	1.5 W max @ 25°C

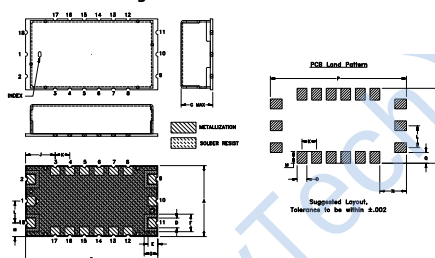
Permanent damage may occur if any of these limits are exceeded.

Pad Connections

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



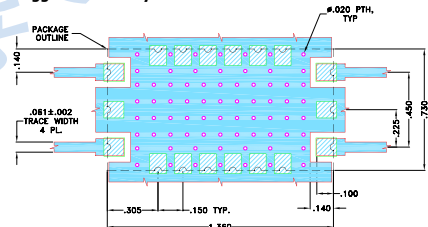
Outline Drawing



Outline Dimensions: Unit (mm)

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

Suggested PCB Layout



- NOTES:
1. TRACE WIDTH IS SHOWN FOR OAK-602, WITH DIELECTRIC THICKNESS .002"±.0015". COPPER: 1/2 Oz. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
 2. BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE. DENOTES PCB COPPER LAYOUT WITH SMOBC (SOLDER MASK OVER BARE COPPER) DENOTES COPPER LAYER FREE OF SOLDERMASK

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