

# HBXX-1XXX

## 1-Circuit Bandpass Filter

- Single resonator bandpass filter
- Five sizes to choose from
- Lead pull strength, 5N
- Temperature range, -25 °C to 85 °C
- Soldering temperature 235 °C, 5 seconds
- Resistance to soldering heat 260 °C, 5 seconds
- Temperature coefficient (from -25 °C to 85 °C), ~  $\pm 50 \times 10^{-6} / ^\circ\text{K}$
- RoHS compliant per 2002/95/EC

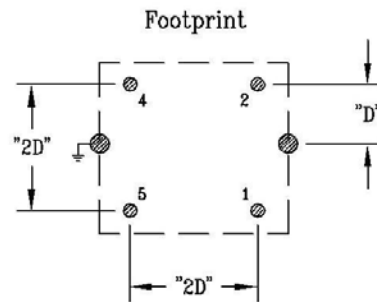
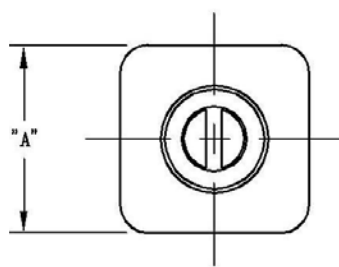


Figure 1

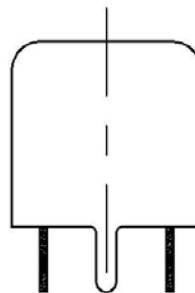
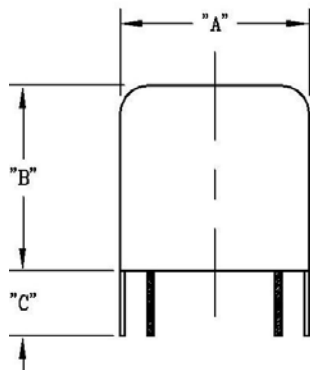


Figure 2

P/N	"A" " [mm]	"B" " [mm]	"C" " [mm]	"D" " [mm]
<b>HB7A-XXXX</b>	0.30 [7,5]	0.49 [12,5]	0.14 [3,5]	0.10 [2,5]
<b>HB7B-XXXX</b>	0.30 [7,5]	0.55 [14,0]	0.14 [3,5]	0.10 [2,5]
<b>HB7C-XXXX</b>	0.30 [7,5]	0.49 [12,5]	0.14 [3,5]	0.09 [2,25]
<b>HB10A-XXXX</b>	0.40 [10,0]	0.61 [15,5]	0.14 [3,5]	0.13 [3,2]
<b>HB10B-XXXX</b>	0.40 [10,0]	0.63 [16,0]	0.14 [3,5]	0.13 [3,2]

Prefix (size)	Dash #	Turns (#)	"F" min (MHz)	"F" max (MHz)	"Q" typ	Figure (#)	Wdg.	Input (#)	± (#)
HB10B	-1001	11.5	276	306	250	1	Ccw	1	-
HB10A	-1002	13.0	305	315	200	1	Ccw	1	-
HB10B	-1003	10.0	368	400	220	1	Ccw	1	-
HB7B	-1004	10.0	390	406	200	1	Cw	1	-
HB7B	-1005	9.5	420	444	200	1	Cw	2	-
HB7B	-1006	9.5	420	444	200	1	Cw	1	-
HB7A	-1007	10.5	438	468	220	1	Cw	1	-
HB7A	-1008	10.5	438	468	220	1	Ccw	1	-
HB7B	-1009	9.0	448	474	200	1	Cw	2	-
HB7A	-1010	10.0	448	478	220	1	Cw	1	-
HB7A	-1011	10.0	448	478	220	1	Ccw	2	-
HB7A	-1012	10.0	458	488	220	1	Cw	2	-
HB7A	-1013	10.0	458	488	220	1	Ccw	2	-
HB7A	-1014	10.0	458	488	220	1	Cw	1	-
HB7A	-1015	9.5	474	514	220	1	Cw	1	-
HB7A	-1016	9.5	480	520	220	1	Cw	1	-
HB7A	-1017	9.5	480	520	220	1	Ccw	2	-
HB7A	-1018	9.0	500	540	220	1	Cw	1	-
HB7A	-1019	9.0	500	540	220	1	Ccw	2	-
HB7B	-1020	8.5	505	533	200	2	Ccw	1	4
HB7B	-1021	8.0	520	573	200	2	Ccw	1	4
HB7A	-1022	8.0	558	598	220	1	Ccw	2	-
HB7A	-1023	8.0	558	598	220	1	Cw	1	-
HB7A	-1024	7.5	591	630	200	1	Ccw	2	-
HB7C	-1025	5.5	780	845	250	1	Cw	2	-

Rev A, 12/09