$$
\begin{array}{ccc}
x(t) & \xrightarrow{\quad h(t) \quad} & y(t) = h(t) * x(t) \\[2mm]
\Big\updownarrow \mathcal{F} & \Big\updownarrow \mathcal{F} & \Big\updownarrow \mathcal{F} \\[2mm]
X(j\omega) & \xrightarrow{\quad H(j\omega) \quad} & Y(j\omega) = H(j\omega)X(j\omega)
\end{array}
$$