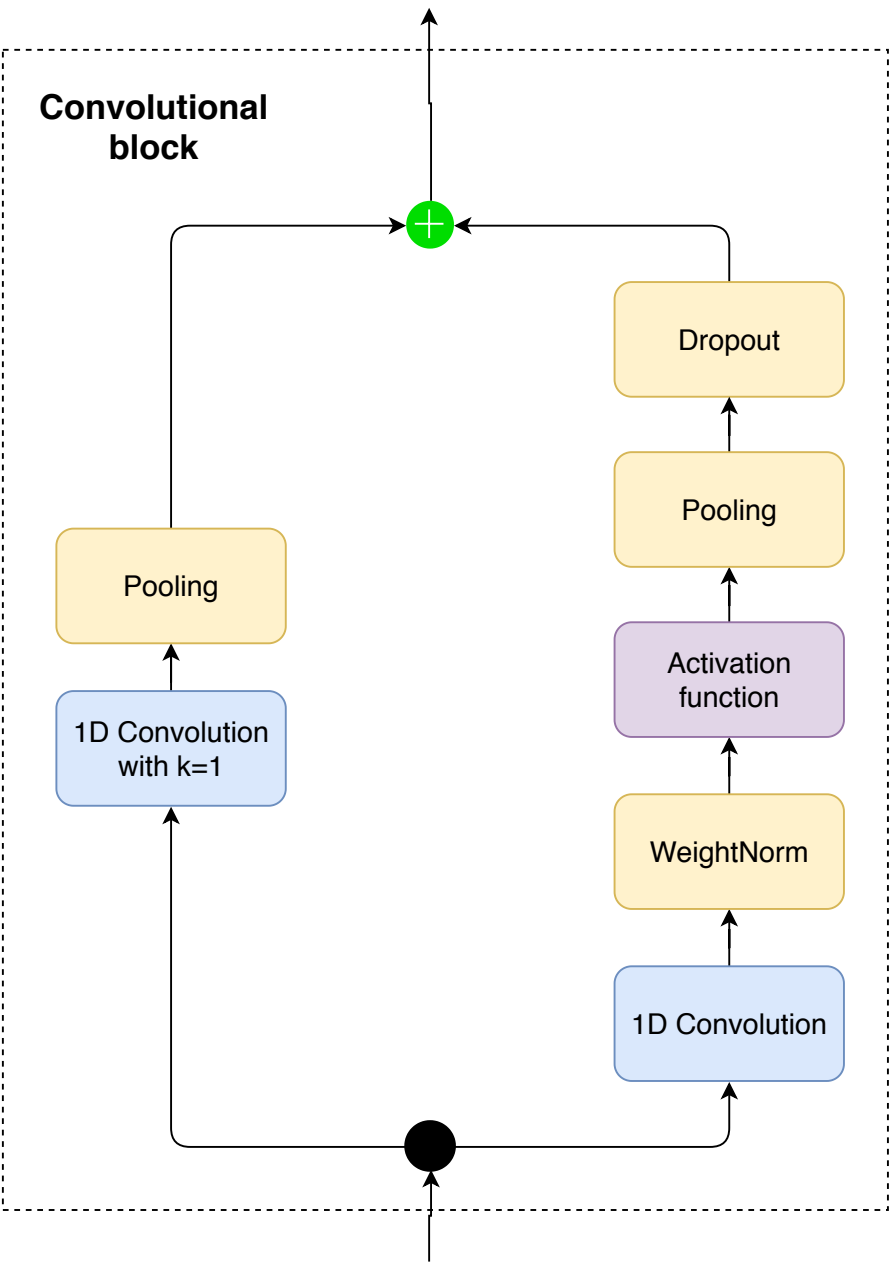
$$output(z) = (z_1^{(c)}, \dots, z_{L_{out}}^{(c)})_{c \in [0, C_{out}-1]}$$



$$z = (z_1^{(c)}, \dots, z_{L_{in}}^{(c)})_{c \in [0, C_{in}-1]}$$