X

Residual

$+$

$\widetilde{\mathbf{X}}$

ResNet Module

X

Residual

$H \times W \times C$

Global pooling

$1 \times 1 \times C$

FC

$1 \times 1 \times \frac{C}{r}$

ReLU

$1 \times 1 \times \frac{C}{r}$

FC

$1 \times 1 \times C$

Sigmoid

$1 \times 1 \times C$

Scale

$H \times W \times C$

$+$

$H \times W \times C$

$\widetilde{\mathbf{X}}$

SE-ResNet Module