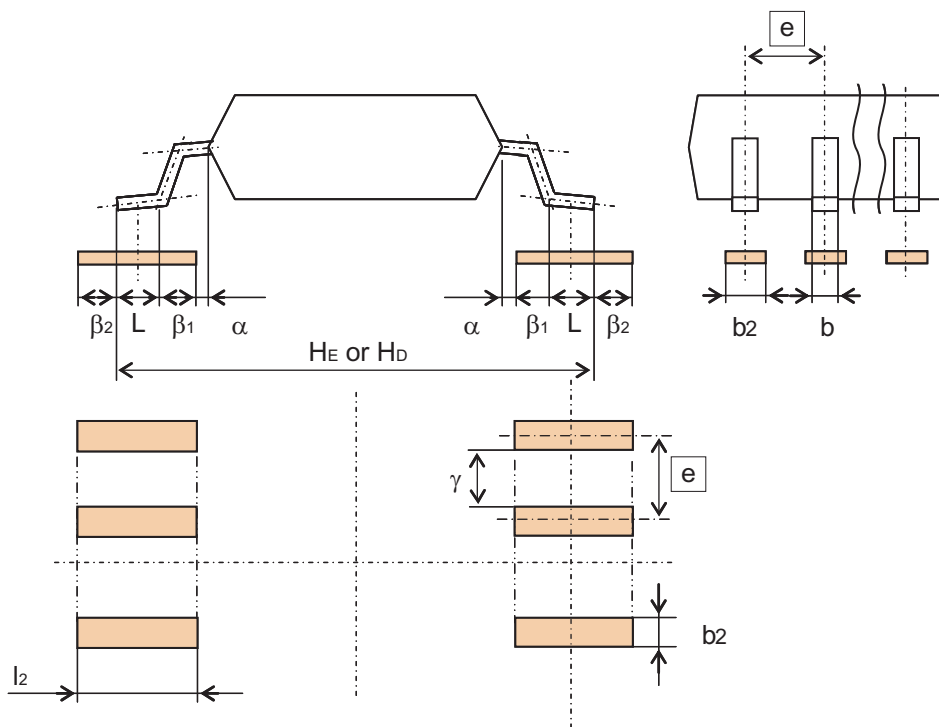


[2] Mounting dimensions for TSOP (type I, type II), SSOP, LSSOP, TSSOP, VSSOP, and WSOP packages

The mounting dimensions are those shown below.



$$l_2 = L + \beta_1 + \beta_2$$

$$b \leq b_2 \leq e - \gamma$$

• Renesas Package Dimension Examples: TSOP type I

Unit: mm

Constant \ e	1.27	1.00	0.80	0.65	0.55	0.50	0.40
α	—	—	—	0.05 to 0.10	←	←	←
β_1	—	—	—	0.20 to 0.25	←	←	←
β_2	—	—	—	0.20 to 0.40	←	←	←
γ	—	—	—	0.30	0.25	←	0.20

• Renesas Package Dimension Examples: TSOP type II

Unit: mm

Constant \ e	1.27	1.00	0.80	0.65	0.55	0.50	0.40
α	0.05 to 0.10	←	←	←	—	—	0.05 to 0.10
β_1	0.20 to 0.25	←	←	←	—	—	0.20 to 0.25
β_2	0.20 to 0.40	←	←	←	—	—	0.20 to 0.40
γ	0.30	←	←	←	—	—	0.20

• Renesas Package Dimension Examples: SSOP, LSSOP, TSSOP, VSSOP, and WSOP

Unit: mm

Constant \ e	1.27	1.00	0.80	0.65	0.55	0.50	0.40
α	—	0.10 to 0.30	←	←	—	0.10 to 0.30	←
β_1	—	0.20 to 0.55	←	←	—	0.20 to 0.40	←
β_2	—	0.20 to 0.40	←	←	—	0.20 to 0.40	←
γ	—	0.30	←	←	—	0.25	0.20

Note: Reference values based on the former EIAJ ED-7402 standard.

Figure 2.3 TSOP (type I, type II), SSOP, LSSOP, TSSOP, VSSOP, and WSOP Examples