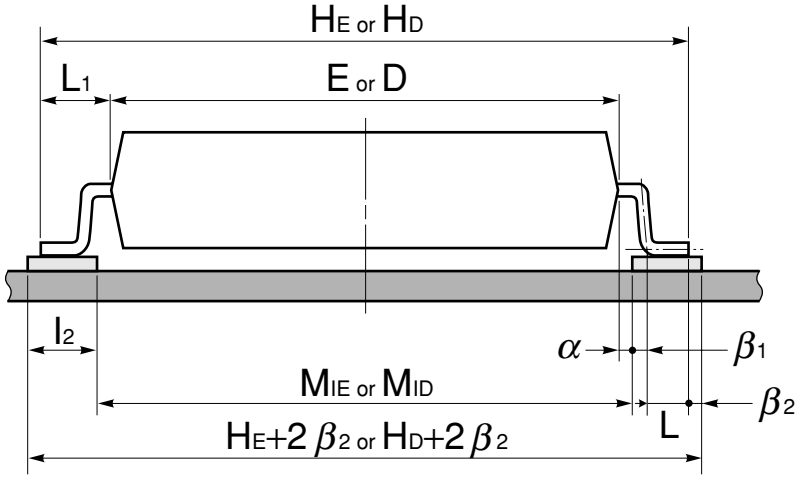
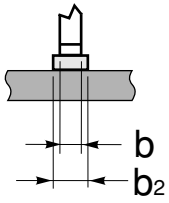
QFP LAND PATTERN DIMENSIONS

CONDITIONAL TERMINAL : LENGTH OF SOLDERED PART (L)



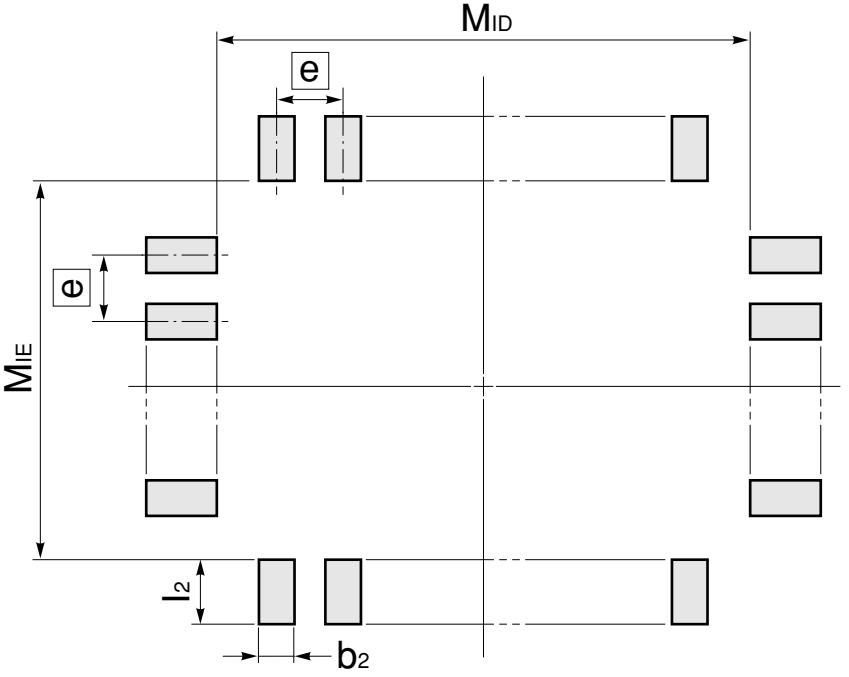


b:Terminal width

$M_{IE(ID)} = E(D) + 2\alpha$

$l_{2D(E)} \geqq (H_{D(E)MAX.} + 2\beta_2 - M_{ID(E)})/2$

$b \leqq b_2 \leqq \boxed{e} - \gamma$



Dimension Parameter (Unit : mm)

e	1.00	0.80	0.65	Remark
α	0.2	0.2	0.2	Washability of the printed-circuit board
β_1	0.5	0.5	0.5	Soldering strength
β_2	0.2	0.2	0.2	Pattern accuracy of the solder mask and visual inspection soldering.
γ	0.3	0.3	0.3	Determined by the margin of safety taken into consideration as a measure for coping with the soldering bridge.

(The reference value according to EIAJ ED-7404 (discontinued version))