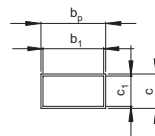
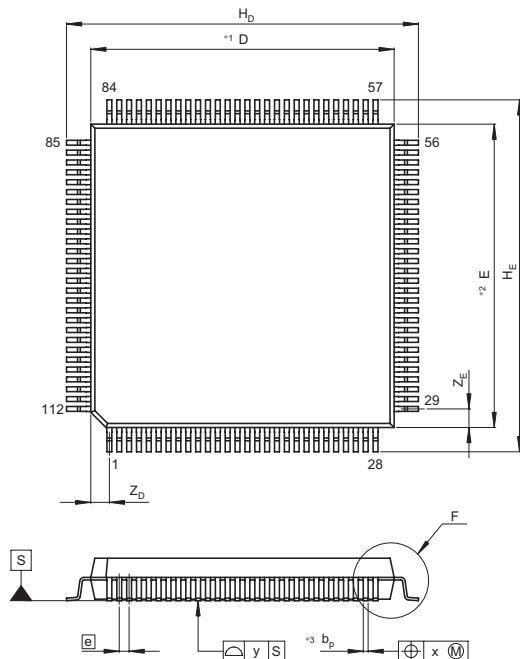
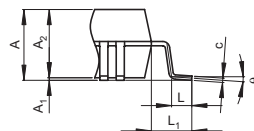


|                     |              |                |            |
|---------------------|--------------|----------------|------------|
| JEITA Package Code  | RENESAS Code | Previous Code  | MASS[Typ.] |
| P-QFP112-20x20-0.65 | PRQP0112JA-A | FP-112/FP-112V | 2.4g       |



Terminal cross section



Detail F

- NOTE)
1. DIMENSIONS \*1"AND" \*2"
  - DO NOT INCLUDE MOLD FLASH
  2. DIMENSION \*3"DOES NOT
  - INCLUDE TRIM OFFSET.

| Reference Symbol | Dimension in Millimeters |      |      |
|------------------|--------------------------|------|------|
|                  | Min                      | Nom  | Max  |
| D                | —                        | 20   | —    |
| E                | —                        | 20   | —    |
| A <sub>2</sub>   | —                        | 2.70 | —    |
| H <sub>D</sub>   | 22.9                     | 23.2 | 23.5 |
| H <sub>E</sub>   | 22.9                     | 23.2 | 23.5 |
| A                | —                        | —    | 3.05 |
| A <sub>1</sub>   | 0.00                     | 0.10 | 0.25 |
| b <sub>p</sub>   | 0.24                     | 0.32 | 0.40 |
| b <sub>1</sub>   | —                        | 0.30 | —    |
| c                | 0.12                     | 0.17 | 0.22 |
| c <sub>1</sub>   | —                        | 0.15 | —    |
| θ                | 0°                       | —    | 8°   |
| e                | —                        | 0.65 | —    |
| x                | —                        | —    | 0.13 |
| y                | —                        | —    | 0.10 |
| Z <sub>D</sub>   | —                        | 1.23 | —    |
| Z <sub>E</sub>   | —                        | 1.23 | —    |
| L                | 0.5                      | 0.8  | 1.1  |
| L <sub>1</sub>   | —                        | 1.6  | —    |