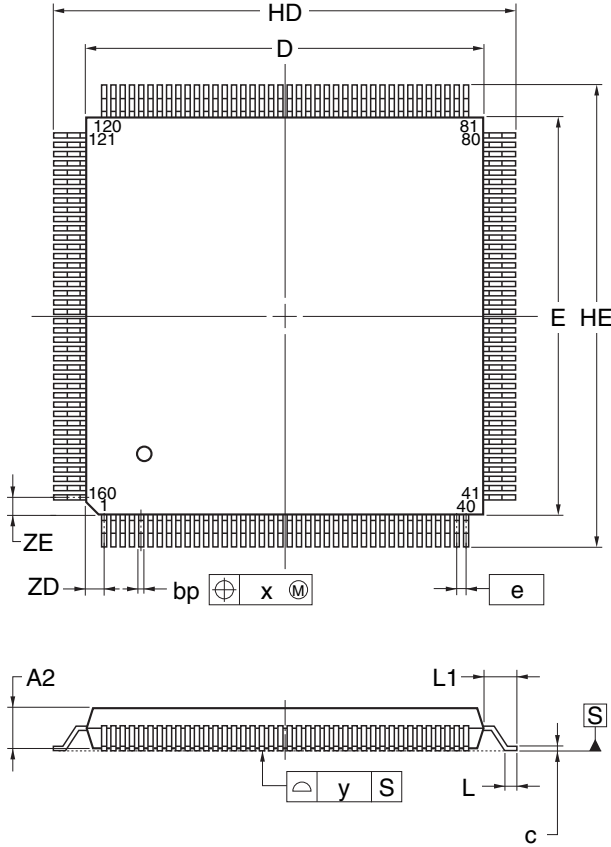
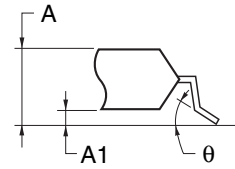


| | | | |
|----------------------|--------------|---------------|-----------------|
| JEITA Package Code | RENESAS Code | Previous Code | MASS (TYP.) [g] |
| P-HQFP160-28x28-0.65 | PRQP0160JF-B | P160GD-65-MBD | 5.3 |



detail of lead end



(UNIT:mm)

| ITEM | DIMENSIONS |
|------|--|
| D | 28.00±0.20 |
| E | 28.00±0.20 |
| HD | 32.00±0.30 |
| HE | 32.00±0.30 |
| A | 3.50 MAX. |
| A1 | 0.10±0.10 |
| A2 | 3.20 |
| bp | 0.30±0.10 |
| c | 0.15 ^{+0.10} _{-0.05} |
| L | 0.80±0.20 |
| L1 | 2.00±0.20 |
| θ | 5°±5° |
| e | 0.65 |
| x | 0.13 |
| y | 0.10 |
| ZD | 1.325 |
| ZE | 1.325 |

NOTE

Each lead centerline is located within 0.13 mm of its true position (T.P.) at maximum material condition.