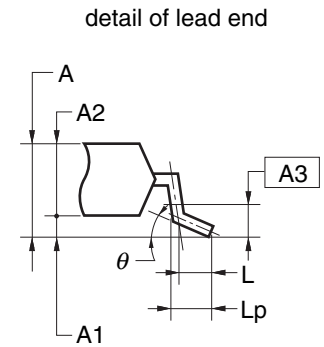
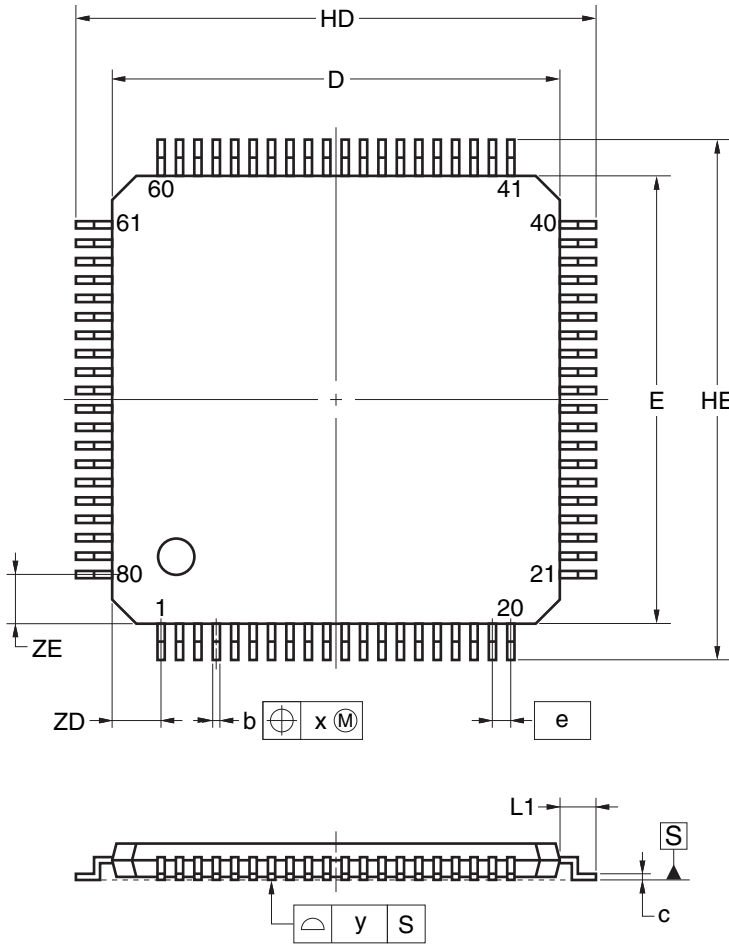


JEITA Package Code	RENESAS Code	Previous Code	MASS (TYP.) [g]
P-TFQFP80-12x12-0.50	PTQP0080KD-A	K80GK-50-9EU-1	0.39



(UNIT:mm)

ITEM	DIMENSIONS
D	12.00±0.20
E	12.00±0.20
A2	1.00
HD	14.00±0.20
HE	14.00±0.20
A	1.10±0.10
A1	0.10±0.05
A3	0.25
Lp	0.60±0.15
b	0.22±0.05
c	0.17 ^{+0.03} _{-0.07}
θ	3° ^{+4°} _{-3°}
e	0.50
x	0.08
y	0.08
ZD	1.25
ZE	1.25
L	0.50
L1	1.00±0.20

NOTE

Each lead centerline is located within 0.08 mm of its true position at maximum material condition.