

JEITA Package Code
P-HTFQFP48-7x7-0.50

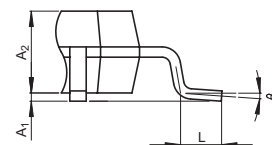
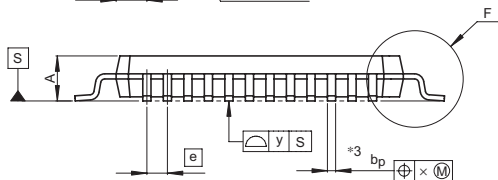
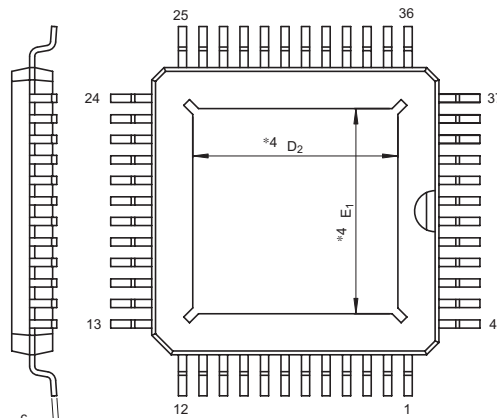
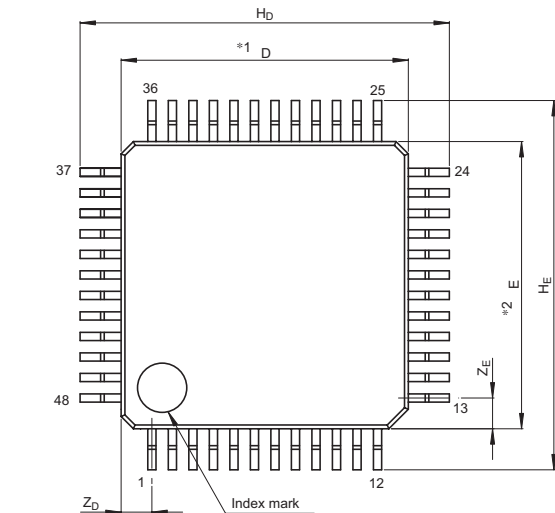
RENESAS Package Code
PTQP0048KB-A

Previous Code
48PFW-A

MASS[Typ.]
0.1g

NOTE)

1. DIMENSIONS *1" AND *2"
DO NOT INCLUDE MOLD FLASH.
2. DIMENSION *3" DOES NOT
INCLUDE TRIM OFFSET.
3. *4 THERE ARE SOME VARIATIONS FOR D2/E1.



Detail F

Reference Symbol	Dimension in Millimeters		
	Min	Nom	Max
D	6.9	7.0	7.1
E	6.9	7.0	7.1
A_2	—	1.0	—
H_D	8.8	9.0	9.2
H_E	8.8	9.0	9.2
A	—	—	1.2
A_1	0.05	0.1	0.15
b_p	0.17	0.22	0.27
c	0.105	0.125	0.175
θ	0°	—	8°
[e]	—	0.5	—
x	—	—	0.07
y	—	—	0.08
Z_D	—	0.75	—
Z_E	—	0.75	—
L	0.4	0.5	0.6
D_2	—	5.0	—
E_1	—	5.0	—