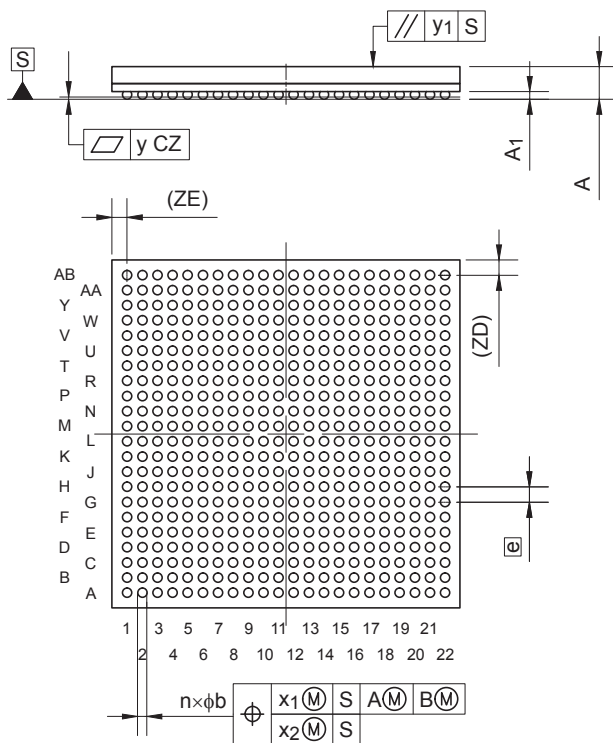
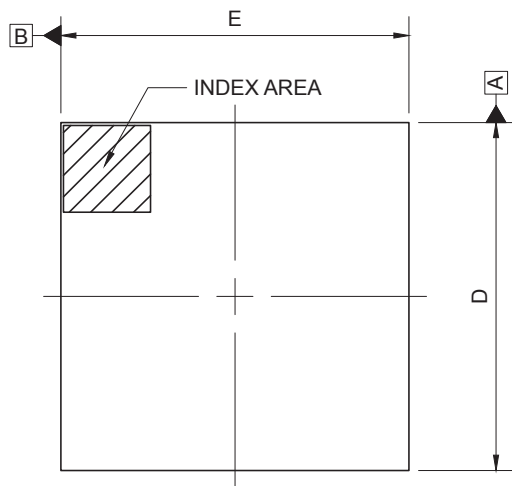


<b>JEITA Package Code</b>	<b>RENESAS Code</b>	<b>Previous Code</b>	<b>MASS (Typ) [g]</b>
P-BGA484-23x23-1.00	PRBG0484FH-A	T484F1-100-KNL	3.15

Unit: mm



Reference Symbol	Dimensions in millimeters		
	Min	Nom	Max
D	22.85	23.00	23.15
E	22.85	23.00	23.15
A	—	—	2.34
A1	0.40	0.50	0.60
e	—	1.00	—
b	0.50	0.60	0.70
x1	—	—	0.25
x2	—	—	0.10
y	—	—	0.15
y1	—	—	0.35
n	—	484	—
Z <sub>D</sub>	—	1.0	—
Z <sub>E</sub>	—	1.0	—