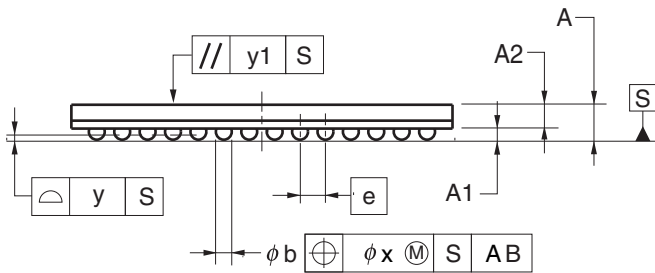
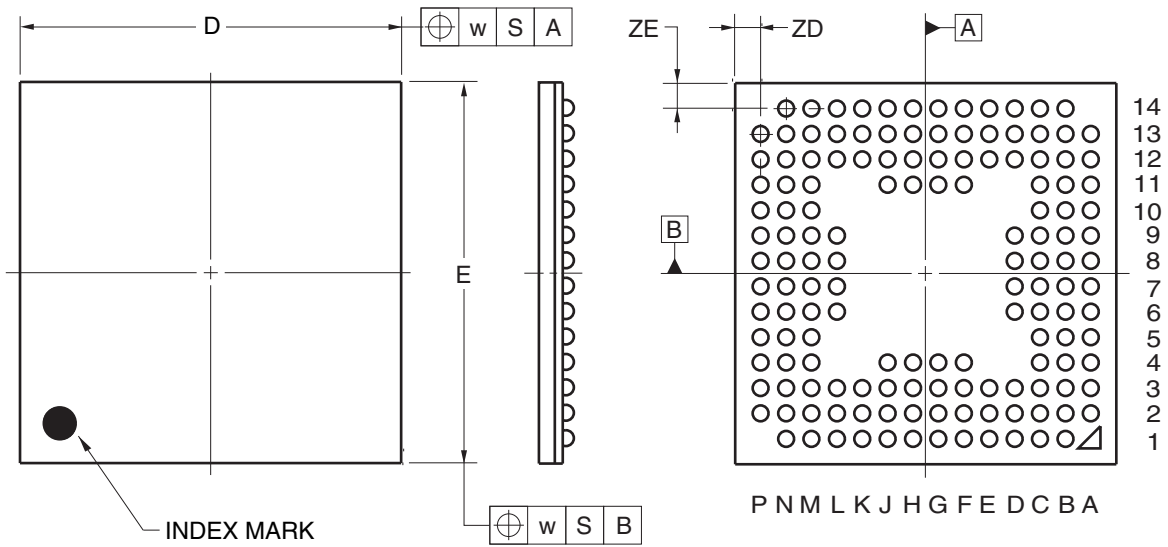


JEITA Package code	RENESAS code	Previous code	MASS(TYP.)[g]
P-TFBGA144-12x12-0.80	PTBG0144GB-A	P144F1-80-EAS	0.29



Reference Symbol	Dimension in Millimeters		
	Min	Nom	Max
D	11.90	12.00	12.10
E	11.90	12.00	12.10
w	—	—	0.20
e	—	0.80	—
A	1.00	1.10	1.20
A1	0.29	0.35	0.41
A2	—	0.75	—
b	0.40	0.50	0.55
x	—	—	0.08
y	—	—	0.10
y1	—	—	0.20
ZD	—	0.80	—
ZE	—	0.80	—