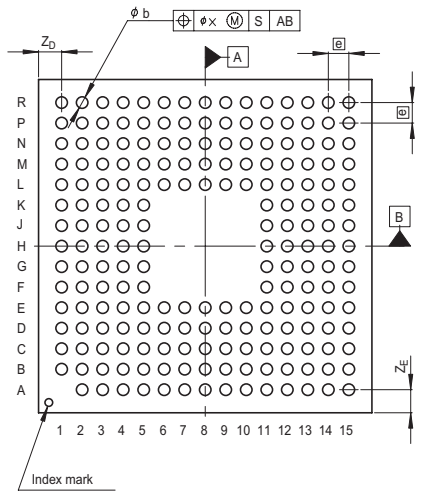
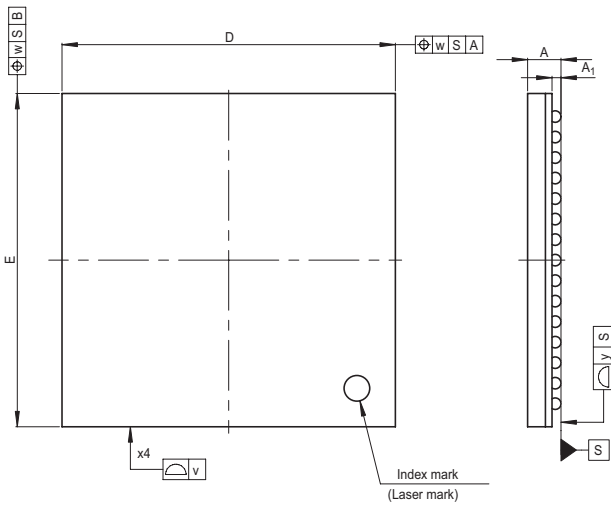


JEITA Package Code	RENESAS Code	Previous Code	MASS[Typ.]
P-LFBGA199-13x13-0.80	PLBG0199GA-A	199FHE	0.4g



Reference Symbol	Dimension in Millimeters		
	Min	Nom	Max
D	—	13.0	—
E	—	13.0	—
v	—	—	0.15
w	—	—	0.20
A	—	—	1.4
A ₁	0.3	0.35	0.4
e	—	0.8	—
b	0.4	0.45	0.5
x	—	—	0.08
y	—	—	0.10
Z _D	—	0.9	—
Z _E	—	0.9	—