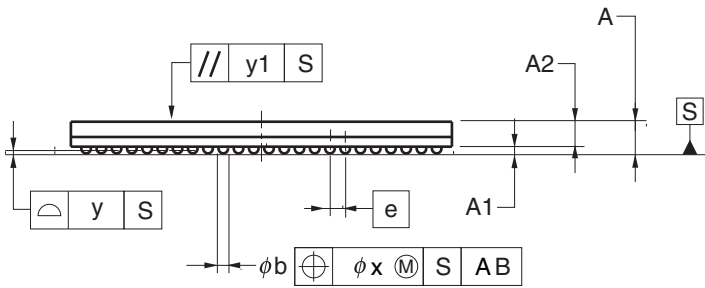
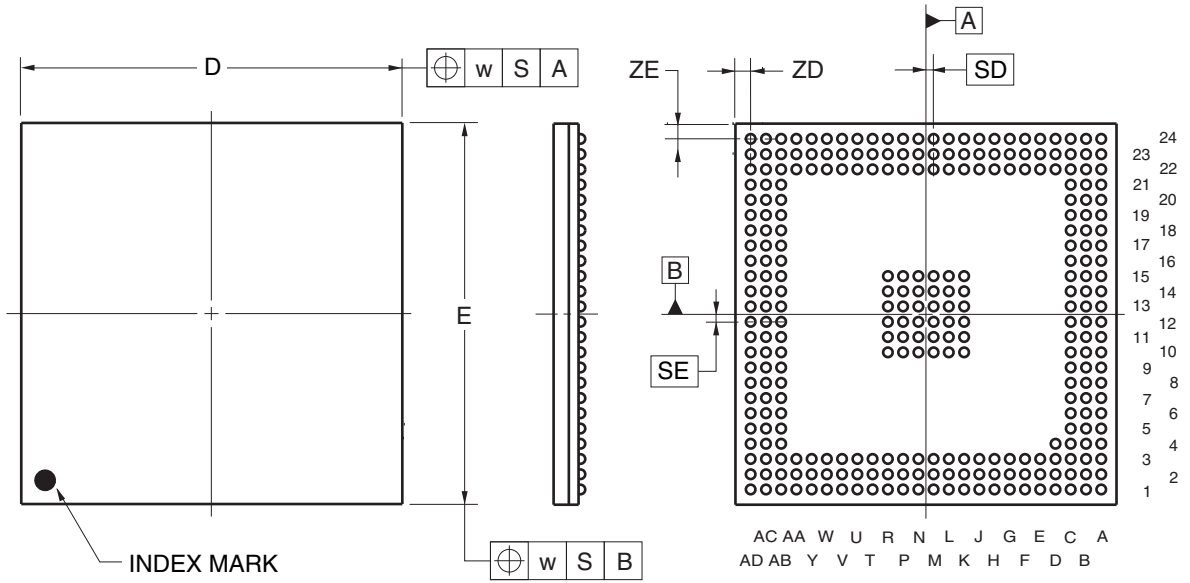


JEITA Package Code	RENESAS Code	Previous Code	MASS (TYP.) [g]
P-FBGA289-20x20-0.80	PRBG0289GA-A	P289F1-80-JAB	1.2



Reference Symbol	Dimension in Millimeters		
	Min	Nom	Max
D	19.90	20.00	20.10
E	19.90	20.00	20.10
w	—	—	0.20
e	—	0.80	—
SD	—	0.40	—
SE	—	0.40	—
A	1.51	1.61	1.71
A1	0.25	0.30	0.35
A2	—	1.31	—
b	0.40	0.50	0.55
x	—	—	0.12
y	—	—	0.10
y1	—	—	0.20
ZD	—	0.80	—
ZE	—	0.80	—