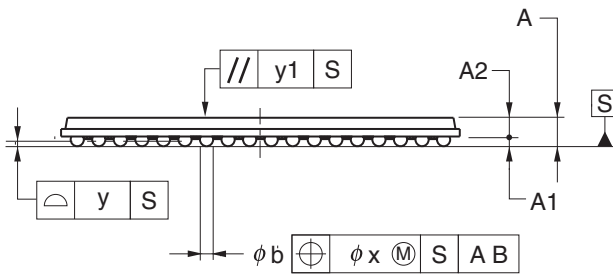
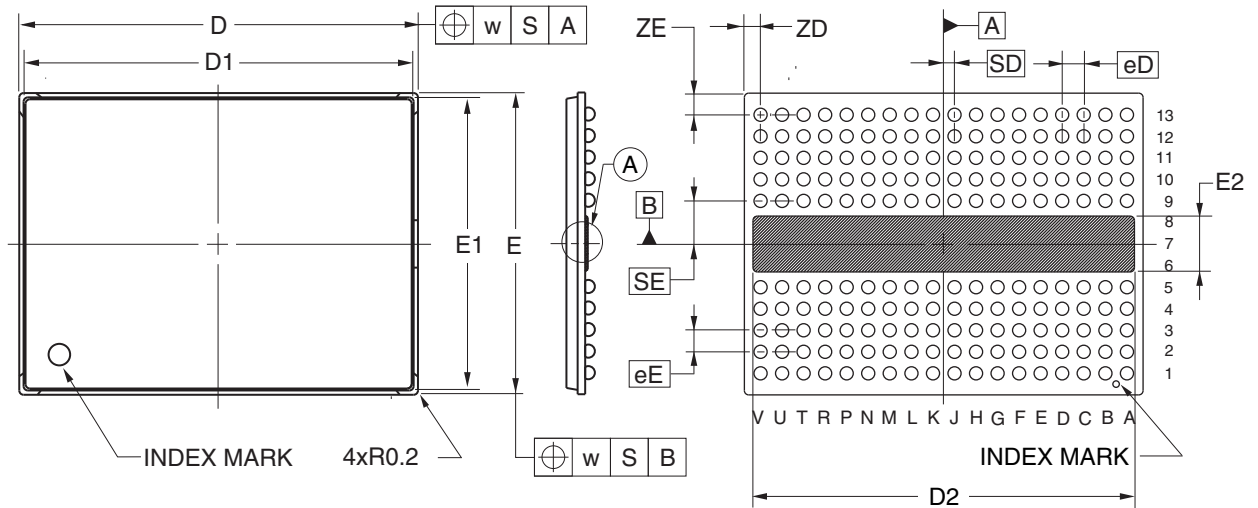
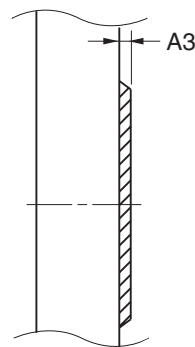


JEITA Package Code	RENESAS Code	Previous Code	MASS (TYP.) [g]
T-LBGA180-14x18.5-1.00	TLBG0180FA-A	T180FF-100-FF1	0.60



Detail of (A) part



Reference Symbol	Dimension in Millimeters		
	Min	Nom	Max
D	18.40	18.50	18.60
D1	—	18.10	—
D2	—	17.70	—
E	13.90	14.00	14.10
E1	—	13.60	—
E2	—	2.59	—
w	—	—	0.20
eD	—	1.00	—
eE	—	1.00	—
SD	—	0.50	—
SE	—	2.00	—
A	1.174	1.274	1.374
A1	0.42	0.47	0.52
A2	—	0.804	—
A3	—	—	0.135
b	0.56	0.61	0.66
x	—	—	0.15
y	—	—	0.10
y1	—	—	0.20
ZD	—	0.75	—
ZE	—	1.00	—