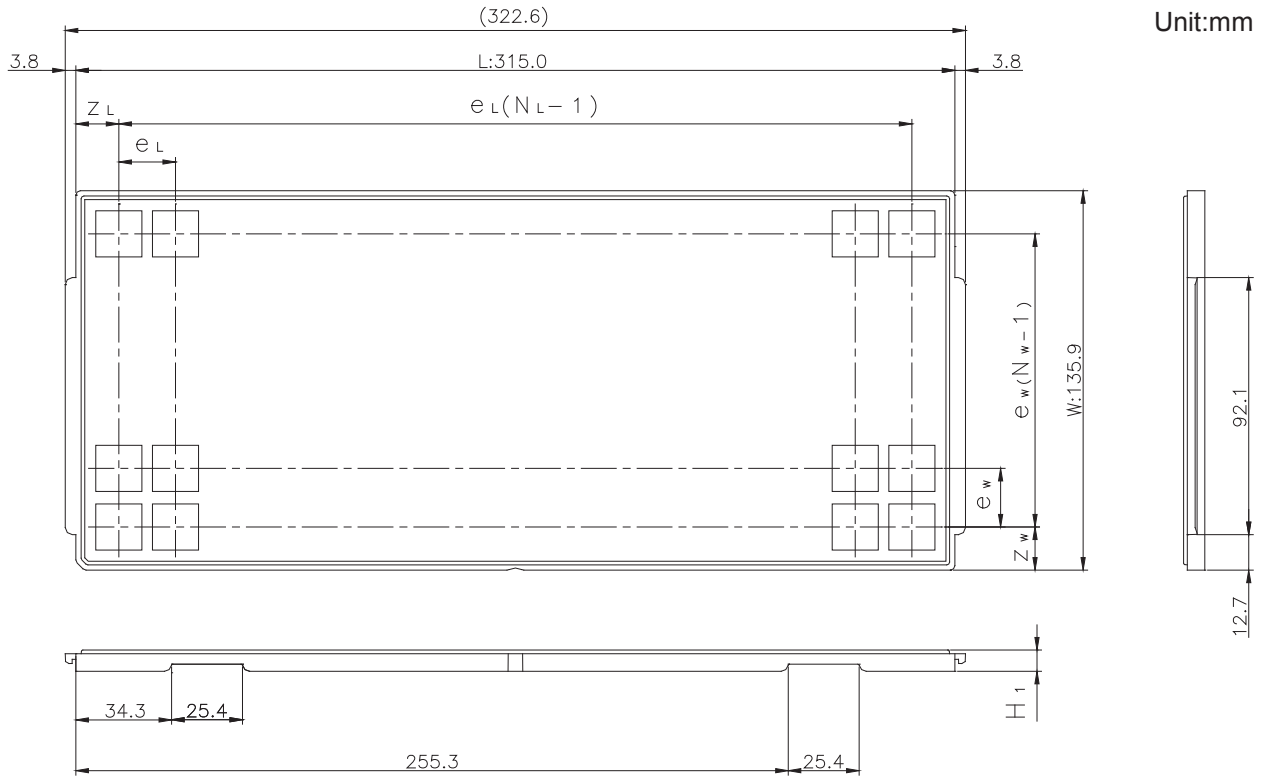
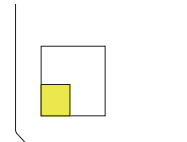


JEDEC TRAY

Tray code	RENESAS Code	Previous Code
L196-45	PTBG0048HB-A	48FHH
	PTBG0048HJ-A	48FHR



The pin1 is located in the hatching portion



Note : Numbers in parentheses are the numbers of Ics contained in five trays per inner box, and those without parentheses are the numbers of Ics contained in nine trays per inner box.

Position dimension of cells (mm)	Z_W	9.7
	Z_L	10.65
	e_w	11.65
	e_L	13.35
Thickness (mm)	H_1	7.62
Number of cells	N_W	11
	N_L	23
Maximum storage No. IC/Tray		253
Maximum storage No. IC/Inner box (Note)		2277(1265)
Material		Carbon PPE
Surface resistance		Less than $1 \times 10^{11} \Omega/\square$
Heat resistant temperature		125°C24h
Packing form		Dry pack