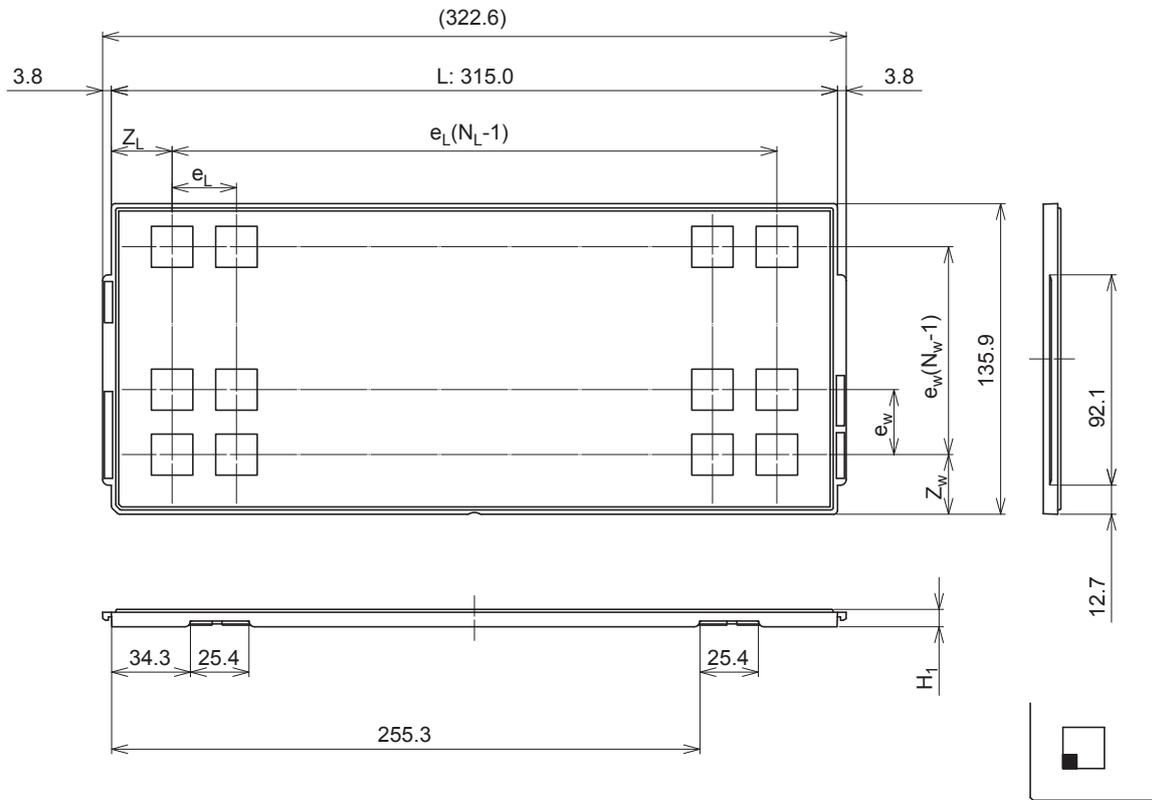


# JEDEC TRAY

Tray code	RENESAS Code	Previous Code
FBGA18.5X11ESP	TTBG0144GA-A PTBG0144GC-A	—

Unit:mm



The pin1 is located in the hatching portion

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

	$Z_W$	10.95
	$Z_L$	14.50
	$e_w$	14.25
	$e_L$	22.00
Thickness (mm)	$H_1$	7.62
Number of cells	$N_W$	9
	$N_L$	14
Maximum storage Pcs. IC/Tray		126
Maximum storage Pcs. IC/Inner box (Note)		1008(630)
Material		Carbon PPE
Surface resistance		Less than $1 \times 10^{11} \Omega/\square$
Heat resistant temperature		135°C MAX
Packing form		Dry pack