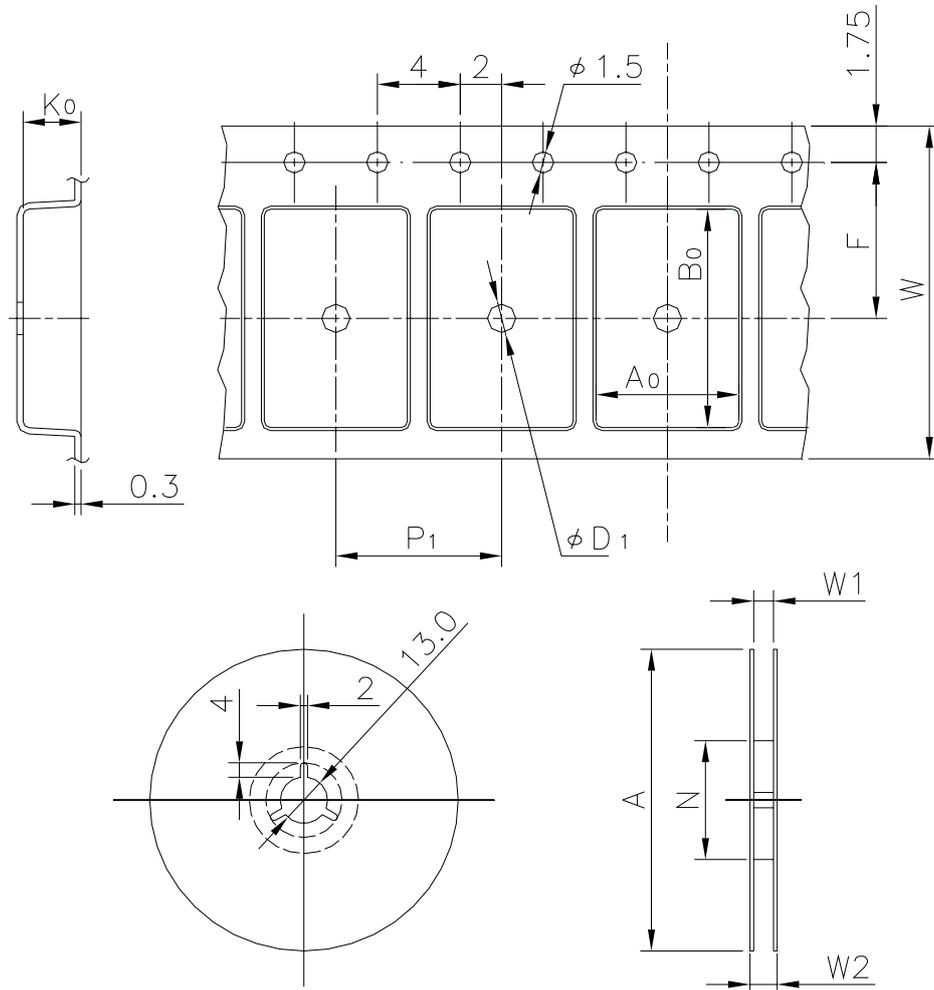


EMBOSSED TAPE

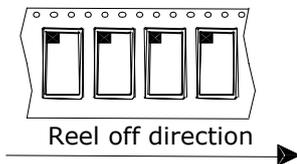
Taping Code	RENESAS Code	Previous Code
TE1612-23P	PLQP0048KC-A	FP-48B / FP-48BV



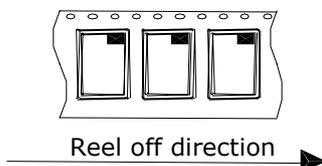
Unit:mm

Standard Orientation of Package

The pin 1 is located in the hatching portion.



The pin 1 may also be located in the following portion for reverse bent packages and some QFPs.



Tape Dimensions (mm)	W	16
	P_1	12
	A_0	9.5
	B_0	9.5
	K_0	2.2
	F	7.5
	D_1	1.6
Reel Dimensions (mm)	A	330
	N	100
	W1	17.4
	W2	21.4
Maximum storage No. IC/Reel		2000
Material		Carbon PS
Surface resistance		Less than $1 \times 10^{11} \Omega / \square$
Packing form		Dry pack