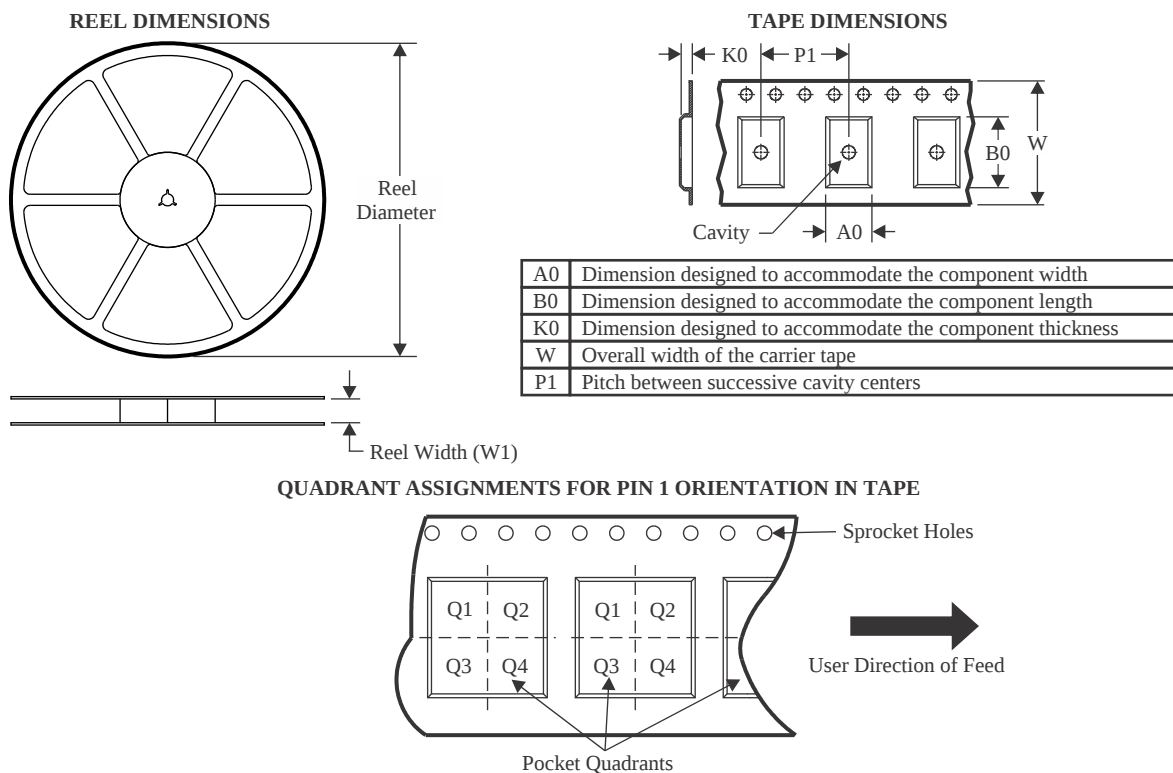


TAPE AND REEL INFORMATION



*All dimensions are nominal

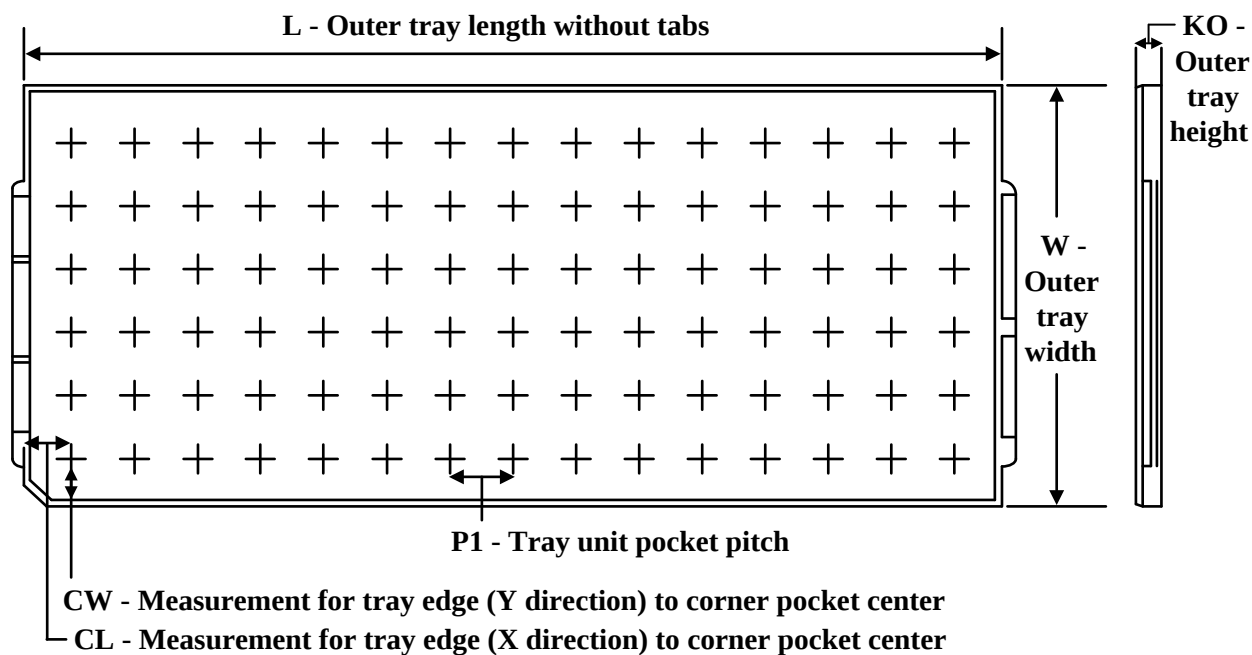
Device	Package Type	Package Drawing	Pins	SPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
TUSB4020BIPHPR	HTQFP	PHP	48	1000	330.0	16.4	9.6	9.6	1.5	12.0	16.0	Q2
TUSB4020BIPHPRG4	HTQFP	PHP	48	1000	330.0	16.4	9.6	9.6	1.5	12.0	16.0	Q2

TAPE AND REEL BOX DIMENSIONS



*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TUSB4020BIPHPR	HTQFP	PHP	48	1000	336.6	336.6	31.8
TUSB4020BIPHPRG4	HTQFP	PHP	48	1000	336.6	336.6	31.8

TRAY


Chamfer on Tray corner indicates Pin 1 orientation of packed units.

*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	Unit array matrix	Max temperature (°C)	L (mm)	W (mm)	K0 (μm)	P1 (mm)	CL (mm)	CW (mm)
TUSB4020BIPHP	PHP	HTQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TUSB4020BIPHP.A	PHP	HTQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TUSB4020BIPHPG4	PHP	HTQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25
TUSB4020BIPHPG4.A	PHP	HTQFP	48	250	10 x 25	150	315	135.9	7620	12.2	11.1	11.25