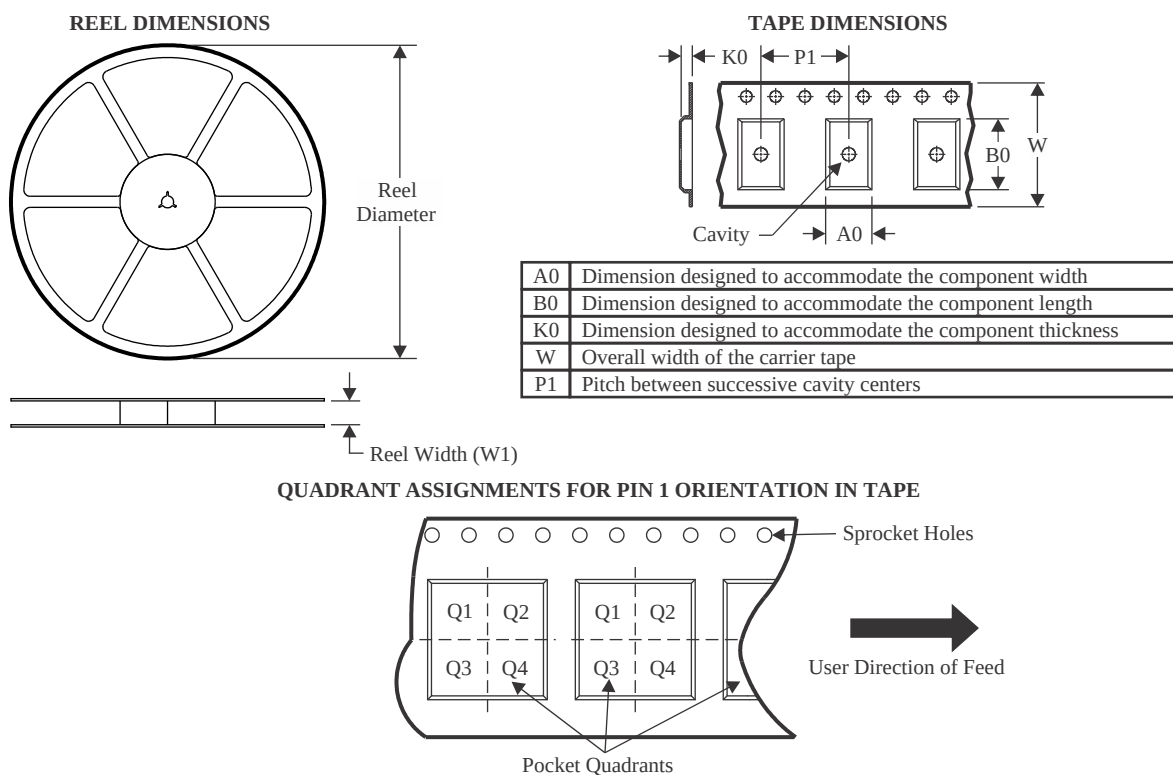


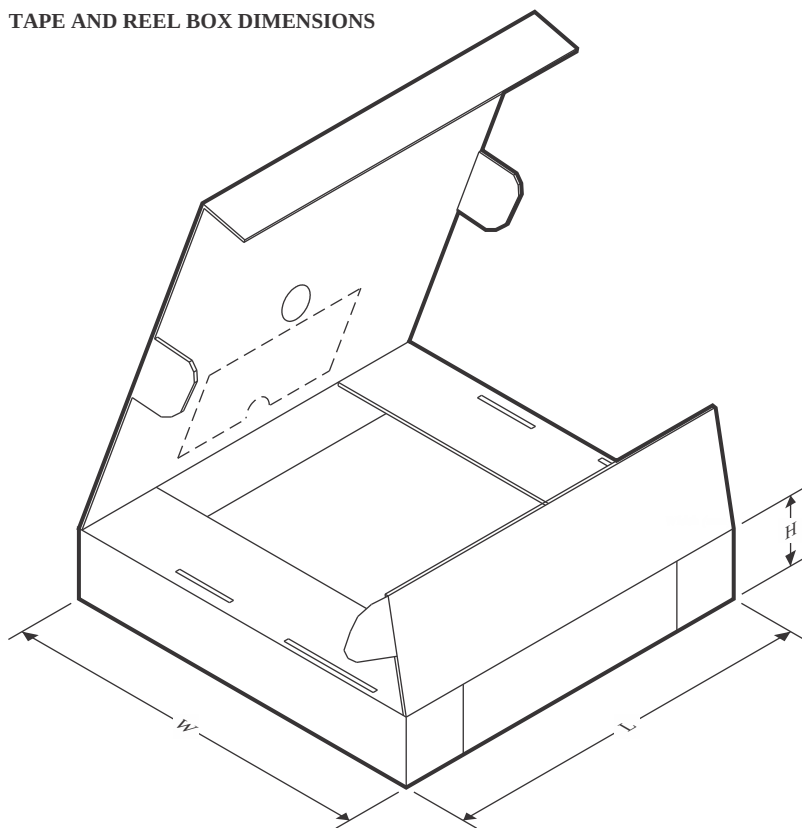
TAPE AND REEL INFORMATION



*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
MSPM33C321ASPZR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.1	24.0	32.0	Q2
MSPM33C321ASZAWR	NFBGA	ZAW	100	1000	330.0	16.4	9.3	9.3	1.5	12.0	16.0	Q1

TAPE AND REEL BOX DIMENSIONS



*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
MSPM33C321ASPZR	LQFP	PZ	100	1000	367.0	367.0	55.0
MSPM33C321ASZAWR	NFBGA	ZAW	100	1000	336.6	336.6	31.8