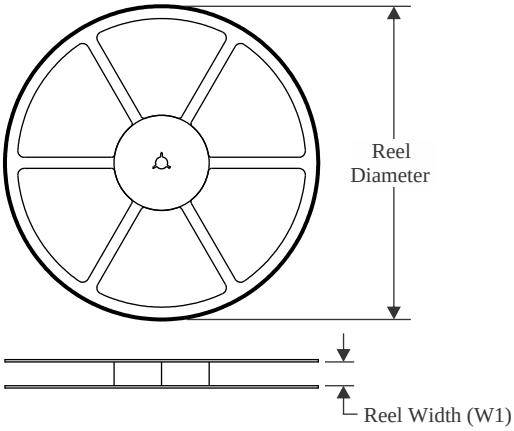
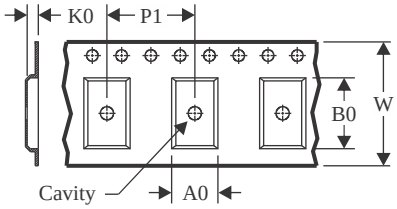
TAPE AND REEL INFORMATION

REEL DIMENSIONS

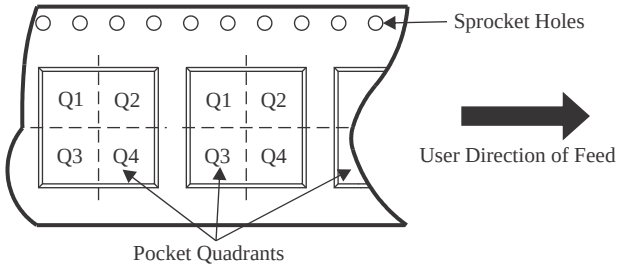


TAPE DIMENSIONS



A0	Dimension designed to accommodate the component width
B0	Dimension designed to accommodate the component length
K0	Dimension designed to accommodate the component thickness
W	Overall width of the carrier tape
P1	Pitch between successive cavity centers

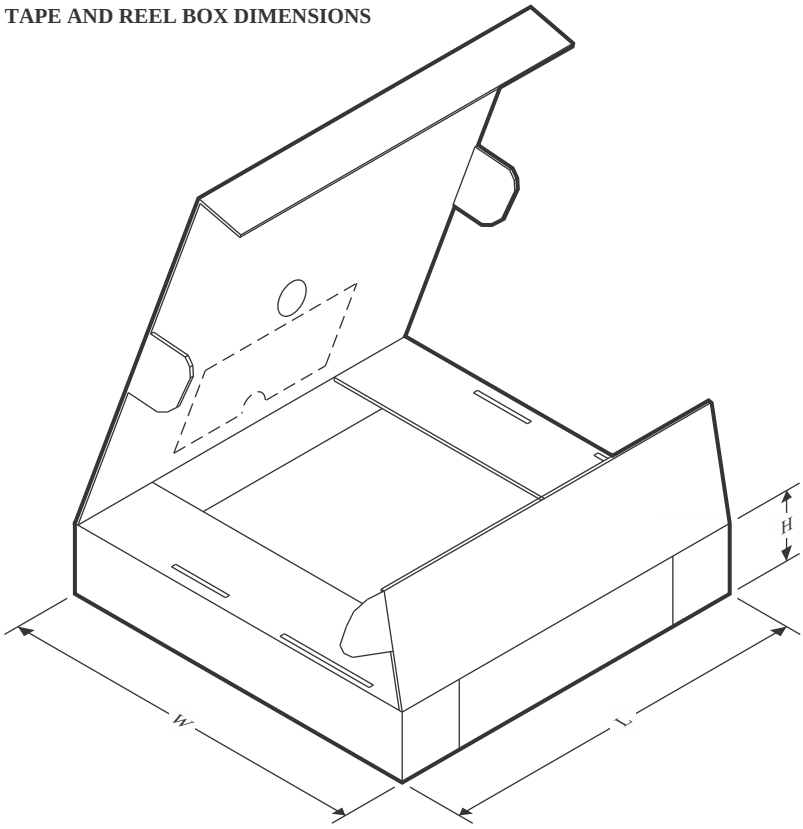
QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE



*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
CD74HC165M96	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
CD74HC165M96	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
CD74HCT165M96	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1
CD74HCT165M96G4	SOIC	D	16	2500	330.0	16.4	6.5	10.3	2.1	8.0	16.0	Q1

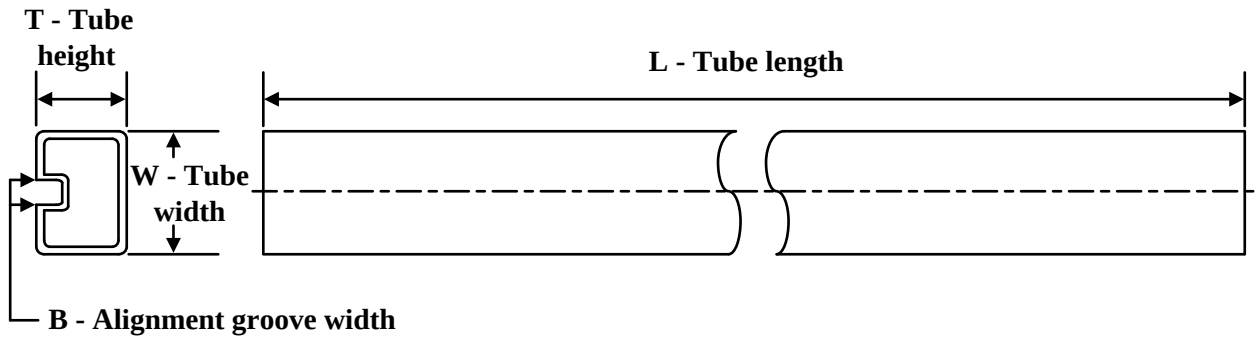
TAPE AND REEL BOX DIMENSIONS



*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
CD74HC165M96	SOIC	D	16	2500	340.5	336.1	32.0
CD74HC165M96	SOIC	D	16	2500	340.5	336.1	32.0
CD74HCT165M96	SOIC	D	16	2500	353.0	353.0	32.0
CD74HCT165M96G4	SOIC	D	16	2500	353.0	353.0	32.0

TUBE



*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (µm)	B (mm)
CD74HC165E	N	PDIP	16	25	506	13.97	11230	4.32
CD74HC165E	N	PDIP	16	25	506	13.97	11230	4.32
CD74HC165E.A	N	PDIP	16	25	506	13.97	11230	4.32
CD74HC165E.A	N	PDIP	16	25	506	13.97	11230	4.32
CD74HCT165E	N	PDIP	16	25	506	13.97	11230	4.32
CD74HCT165E	N	PDIP	16	25	506	13.97	11230	4.32
CD74HCT165E.A	N	PDIP	16	25	506	13.97	11230	4.32
CD74HCT165E.A	N	PDIP	16	25	506	13.97	11230	4.32