

## TAPE AND REEL INFORMATION



### 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
TS5A23159DGSR	VSSOP	DGS	10	2500	330.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
TS5A23159DGST	VSSOP	DGS	10	250	330.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
TS5A23159RSER	UQFN	RSE	10	3000	180.0	9.5	1.7	2.2	0.75	4.0	8.0	Q1
TS5A23159RSER	UQFN	RSE	10	3000	179.0	8.4	1.75	2.25	0.65	4.0	8.0	Q1
TS5A23159RSER	UQFN	RSE	10	3000	180.0	9.5	1.7	2.3	0.75	4.0	8.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TS5A23159DGSR	VSSOP	DGS	10	2500	358.0	335.0	35.0
TS5A23159DGST	VSSOP	DGS	10	250	358.0	335.0	35.0
TS5A23159RSER	UQFN	RSE	10	3000	189.0	185.0	36.0
TS5A23159RSER	UQFN	RSE	10	3000	200.0	183.0	25.0
TS5A23159RSER	UQFN	RSE	10	3000	184.0	184.0	19.0