

**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
DS90CR216AMTDX/ NOPB	TSSOP	DGG	48	1000	330.0	24.4	8.6	13.2	1.6	12.0	24.0	Q1
DS90CR286AMTDX/ NOPB	TSSOP	DGG	56	1000	330.0	24.4	8.6	14.5	1.8	12.0	24.0	Q1
DS90CR286AQM TX/ NOPB	TSSOP	DGG	56	1000	330.0	24.4	8.6	14.5	1.8	12.0	24.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
DS90CR216AMTDX/NOPB	TSSOP	DGG	48	1000	356.0	356.0	45.0
DS90CR286AMTDX/NOPB	TSSOP	DGG	56	1000	356.0	356.0	45.0
DS90CR286AQMTX/ NOPB	TSSOP	DGG	56	1000	356.0	356.0	45.0

**TUBE**


\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
DS90CR216AMTD/NOPB	DGG	TSSOP	48	38	495	10	2540	5.79
DS90CR216AMTD/ NOPB.B	DGG	TSSOP	48	38	495	10	2540	5.79
DS90CR286AMTD/NOPB	DGG	TSSOP	56	34	495	10	2540	5.79
DS90CR286AMTD/ NOPB.B	DGG	TSSOP	56	34	495	10	2540	5.79
DS90CR286AQMT/NOPB	DGG	TSSOP	56	34	495	10	2540	5.79
DS90CR286AQMT/ NOPB.B	DGG	TSSOP	56	34	495	10	2540	5.79