

**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
INA191A1IYFDR	DSBGA	YFD	6	3000	180.0	8.4	0.84	1.25	0.5	4.0	8.0	Q2
INA191A2IYFDR	DSBGA	YFD	6	3000	178.0	8.4	0.84	1.27	0.46	4.0	8.0	Q2
INA191A2IYFDR	DSBGA	YFD	6	3000	180.0	8.4	0.84	1.25	0.5	4.0	8.0	Q2
INA191A3IYFDR	DSBGA	YFD	6	3000	180.0	8.4	0.84	1.25	0.5	4.0	8.0	Q2
INA191A3IYFDR	DSBGA	YFD	6	3000	178.0	8.4	0.84	1.27	0.46	4.0	8.0	Q2
INA191A4IYFDR	DSBGA	YFD	6	3000	180.0	8.4	0.84	1.25	0.5	4.0	8.0	Q2
INA191A4IYFDR	DSBGA	YFD	6	3000	178.0	8.4	0.84	1.27	0.46	4.0	8.0	Q2
INA191A5IYFDR	DSBGA	YFD	6	3000	178.0	8.4	0.84	1.27	0.46	4.0	8.0	Q2
INA191A5IYFDR	DSBGA	YFD	6	3000	180.0	8.4	0.84	1.25	0.5	4.0	8.0	Q2
INA2191A1IYBJR	DSBGA	YBJ	12	3000	180.0	8.4	1.3	1.66	0.47	4.0	8.0	Q1
INA2191A2IYBJR	DSBGA	YBJ	12	3000	180.0	8.4	1.3	1.66	0.47	4.0	8.0	Q1
INA2191A3IYBJR	DSBGA	YBJ	12	3000	180.0	8.4	1.3	1.66	0.47	4.0	8.0	Q1
INA2191A4IYBJR	DSBGA	YBJ	12	3000	180.0	8.4	1.3	1.66	0.47	4.0	8.0	Q1
INA2191A5IYBJR	DSBGA	YBJ	12	3000	180.0	8.4	1.3	1.66	0.47	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)
INA191A1IYFDR	DSBGA	YFD	6	3000	182.0	182.0	20.0
INA191A2IYFDR	DSBGA	YFD	6	3000	220.0	220.0	35.0
INA191A2IYFDR	DSBGA	YFD	6	3000	182.0	182.0	20.0
INA191A3IYFDR	DSBGA	YFD	6	3000	182.0	182.0	20.0
INA191A3IYFDR	DSBGA	YFD	6	3000	220.0	220.0	35.0
INA191A4IYFDR	DSBGA	YFD	6	3000	182.0	182.0	20.0
INA191A4IYFDR	DSBGA	YFD	6	3000	220.0	220.0	35.0
INA191A5IYFDR	DSBGA	YFD	6	3000	220.0	220.0	35.0
INA191A5IYFDR	DSBGA	YFD	6	3000	182.0	182.0	20.0
INA2191A1IYBJR	DSBGA	YBJ	12	3000	182.0	182.0	20.0
INA2191A2IYBJR	DSBGA	YBJ	12	3000	182.0	182.0	20.0
INA2191A3IYBJR	DSBGA	YBJ	12	3000	182.0	182.0	20.0
INA2191A4IYBJR	DSBGA	YBJ	12	3000	182.0	182.0	20.0
INA2191A5IYBJR	DSBGA	YBJ	12	3000	182.0	182.0	20.0