

**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
OPA189IDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.23	3.17	1.37	4.0	8.0	Q3
OPA189IDBVT	SOT-23	DBV	5	250	180.0	8.4	3.23	3.17	1.37	4.0	8.0	Q3
OPA189IDGKR	VSSOP	DGK	8	2500	330.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
OPA189IDGKT	VSSOP	DGK	8	250	330.0	12.4	5.3	3.4	1.4	8.0	12.0	Q1
OPA189IDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
OPA2189IDGKR	VSSOP	DGK	8	2500	330.0	12.4	5.25	3.35	1.25	8.0	12.0	Q1
OPA2189IDGKT	VSSOP	DGK	8	250	330.0	12.4	5.25	3.35	1.25	8.0	12.0	Q1
OPA2189IDR	SOIC	D	8	2500	330.0	12.8	6.4	5.2	2.1	8.0	12.0	Q1
OPA4189IDR	SOIC	D	14	3000	330.0	16.4	6.5	9.5	2.1	8.0	16.0	Q1
OPA4189IDT	SOIC	D	14	250	330.0	16.4	6.5	9.5	2.1	8.0	16.0	Q1
OPA4189IPWR	TSSOP	PW	14	3000	330.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1
OPA4189IPWT	TSSOP	PW	14	250	180.0	12.4	6.9	5.6	1.6	8.0	12.0	Q1

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
OPA189IDBVR	SOT-23	DBV	5	3000	213.0	191.0	35.0
OPA189IDBVT	SOT-23	DBV	5	250	213.0	191.0	35.0
OPA189IDGKR	VSSOP	DGK	8	2500	366.0	364.0	50.0
OPA189IDGKT	VSSOP	DGK	8	250	366.0	364.0	50.0
OPA189IDR	SOIC	D	8	2500	356.0	356.0	35.0
OPA2189IDGKR	VSSOP	DGK	8	2500	366.0	364.0	50.0
OPA2189IDGKT	VSSOP	DGK	8	250	366.0	364.0	50.0
OPA2189IDR	SOIC	D	8	2500	366.0	364.0	50.0
OPA4189IDR	SOIC	D	14	3000	366.0	364.0	50.0
OPA4189IDT	SOIC	D	14	250	366.0	364.0	50.0
OPA4189IPWR	TSSOP	PW	14	3000	356.0	356.0	35.0
OPA4189IPWT	TSSOP	PW	14	250	210.0	185.0	35.0

**TUBE**


\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
OPA189ID	D	SOIC	8	75	506.6	8	3940	4.32
OPA189ID.Z	D	SOIC	8	75	506.6	8	3940	4.32
OPA2189ID	D	SOIC	8	75	517	7.87	635	4.25
OPA2189ID.Z	D	SOIC	8	75	517	7.87	635	4.25