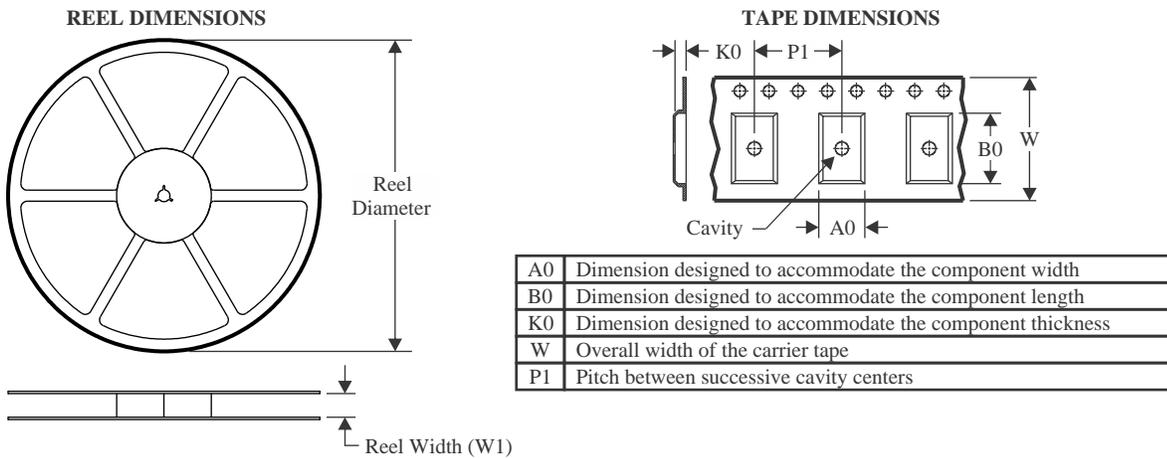
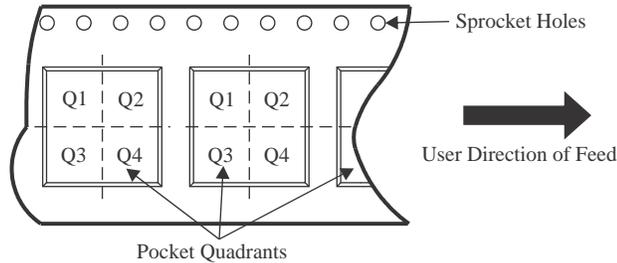


**TAPE AND REEL INFORMATION**

**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
TL431ACDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431ACDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431ACDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431ACDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431ACDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431ACDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431ACDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431ACDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431ACDCKR	SC70	DCK	6	3000	180.0	8.4	2.41	2.41	1.2	4.0	8.0	Q3
TL431ACDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431ACDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431ACPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431ACPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431ACPSR	SO	PS	8	2000	330.0	16.4	8.35	6.6	2.4	12.0	16.0	Q1
TL431ACPWR	TSSOP	PW	8	2000	330.0	12.4	7.0	3.6	1.6	8.0	12.0	Q1
TL431AIDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3

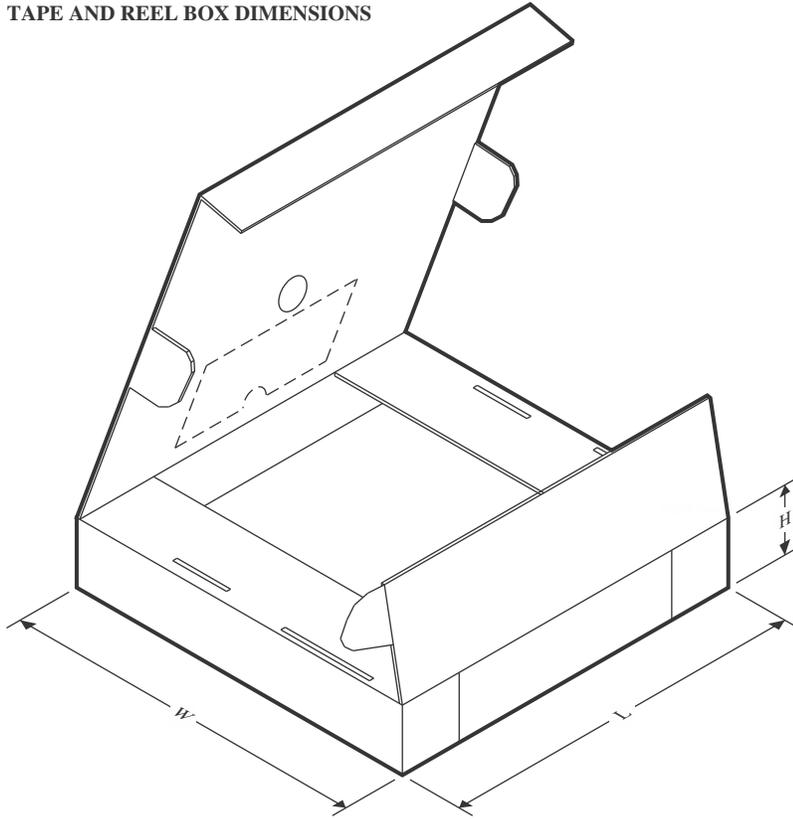
Device	Package Type	Package Drawing	Pins	SPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
TL431AIDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431AIDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431AIDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431AIDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431AIDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431AIDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431AIDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431AIDCKR	SC70	DCK	6	3000	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431AIDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431AIDCKRG4	SC70	DCK	6	3000	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431AIDCKT	SC70	DCK	6	250	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431AIDCKT	SC70	DCK	6	250	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431AIDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431AIPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431AIPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431AQDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431AQDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431AQDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431AQDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431AQDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431AQDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431AQDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431AQDCKR	SC70	DCK	6	3000	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431AQDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431AQDCKT	SC70	DCK	6	250	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431AQDCKT	SC70	DCK	6	250	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431AQP	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431AQP	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431BCDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431BCDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431BCDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431BCDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BCDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BCDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431BCDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BCDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BCDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431BCDCKR	SC70	DCK	6	3000	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431BCDCKT	SC70	DCK	6	250	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431BCDCKT	SC70	DCK	6	250	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431BCDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1

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
TL431BCDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431BCPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431BCPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431BIDBVR	SOT-23	DBV	5	3000	178.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431BIDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431BIDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BIDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BIDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431BIDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BIDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BIDCKR	SC70	DCK	6	3000	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431BIDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431BIDCKT	SC70	DCK	6	250	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431BIDCKT	SC70	DCK	6	250	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431BIDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431BIDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431BIPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431BIPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431BQDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431BQDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431BQDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431BQDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BQDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BQDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BQDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431BQDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431BQDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431BQDCKR	SC70	DCK	6	3000	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431BQDCKT	SC70	DCK	6	250	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431BQDCKT	SC70	DCK	6	250	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431BQDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431BQDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431BQPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431CDBVR	SOT-23	DBV	5	3000	178.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431CDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431CDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431CDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431CDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431CDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431CDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431CDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1

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
TL431CDR-J	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431CPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431CPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431CPKE6	SOT-89	PK	3	1000	180.0	13.0	4.91	4.52	1.9	8.0	12.0	Q3
TL431IDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431IDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431IDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431IDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431IDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431IDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431IDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431IDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431IPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431IPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL431QDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431QDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL431QDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431QDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431QDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL431QDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431QDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL431QDCKR	SC70	DCK	6	3000	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431QDCKR	SC70	DCK	6	3000	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431QDCKT	SC70	DCK	6	250	180.0	8.4	2.3	2.5	1.2	4.0	8.0	Q3
TL431QDCKT	SC70	DCK	6	250	179.0	8.4	2.2	2.5	1.2	4.0	8.0	Q3
TL431QDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431QDR	SOIC	D	8	2500	330.0	12.4	6.4	5.2	2.1	8.0	12.0	Q1
TL431QPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432ACDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432ACDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432ACDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432ACDBZR	SOT-23	DBZ	3	3000	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432ACDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432ACDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432ACDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432ACDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AIDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432AIDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432AIDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AIDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AIDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3

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
TL432AIDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AIDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AIPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432AIPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432AQDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432AQDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432AQDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432AQDBVT	SOT-23	DBV	5	250	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432AQDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AQDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AQDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432AQDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AQDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432AQPCK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432AQPCK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432BCDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432BCDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432BCDBZR	SOT-23	DBZ	3	3000	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432BCDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BCDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BCDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BCDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432BCDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BCPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432BCPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432BIDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BIDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BIDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BIDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432BIDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BIPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432BIPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432BQDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BQDBZR1G4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432BQPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432BQPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432CDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432CDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432CDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432CDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432CPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3

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
TL432CPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432IDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432IDBVR	SOT-23	DBV	5	3000	180.0	8.4	3.2	3.2	1.4	4.0	8.0	Q3
TL432IDBZR	SOT-23	DBZ	3	3000	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432IDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432IDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432IDBZT	SOT-23	DBZ	3	250	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432IDBZT	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432IDBZTG4	SOT-23	DBZ	3	250	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432IPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432IPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432QDBZR	SOT-23	DBZ	3	3000	180.0	8.4	3.2	2.85	1.3	4.0	8.0	Q3
TL432QDBZR	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432QDBZRG4	SOT-23	DBZ	3	3000	180.0	8.4	2.9	3.35	1.35	4.0	8.0	Q3
TL432QPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3
TL432QPK	SOT-89	PK	3	1000	180.0	12.4	4.91	4.52	1.9	8.0	12.0	Q3

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TL431ACDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL431ACDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431ACDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431ACDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431ACDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431ACDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431ACDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431ACDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431ACDCKR	SC70	DCK	6	3000	183.0	183.0	20.0
TL431ACDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
TL431ACDR	SOIC	D	8	2500	340.5	336.1	25.0
TL431ACPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL431ACPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL431ACPSR	SO	PS	8	2000	353.0	353.0	32.0
TL431ACPWR	TSSOP	PW	8	2000	353.0	353.0	32.0
TL431AIDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL431AIDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431AIDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TL431AIDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431AIDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431AIDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431AIDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431AIDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431AIDCKR	SC70	DCK	6	3000	200.0	183.0	25.0
TL431AIDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
TL431AIDCKRG4	SC70	DCK	6	3000	200.0	183.0	25.0
TL431AIDCKT	SC70	DCK	6	250	210.0	185.0	35.0
TL431AIDCKT	SC70	DCK	6	250	200.0	183.0	25.0
TL431AIDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431AIPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL431AIPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL431AQDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL431AQDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431AQDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431AQDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431AQDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431AQDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431AQDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431AQDCKR	SC70	DCK	6	3000	200.0	183.0	25.0
TL431AQDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
TL431AQDCKT	SC70	DCK	6	250	200.0	183.0	25.0
TL431AQDCKT	SC70	DCK	6	250	210.0	185.0	35.0
TL431AQPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL431AQPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL431BCDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL431BCDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431BCDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431BCDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431BCDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431BCDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BCDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BCDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BCDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
TL431BCDCKR	SC70	DCK	6	3000	200.0	183.0	25.0
TL431BCDCKT	SC70	DCK	6	250	200.0	183.0	25.0
TL431BCDCKT	SC70	DCK	6	250	210.0	185.0	35.0
TL431BCDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431BCDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431BCPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL431BCPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL431BIDBVR	SOT-23	DBV	5	3000	208.0	191.0	35.0

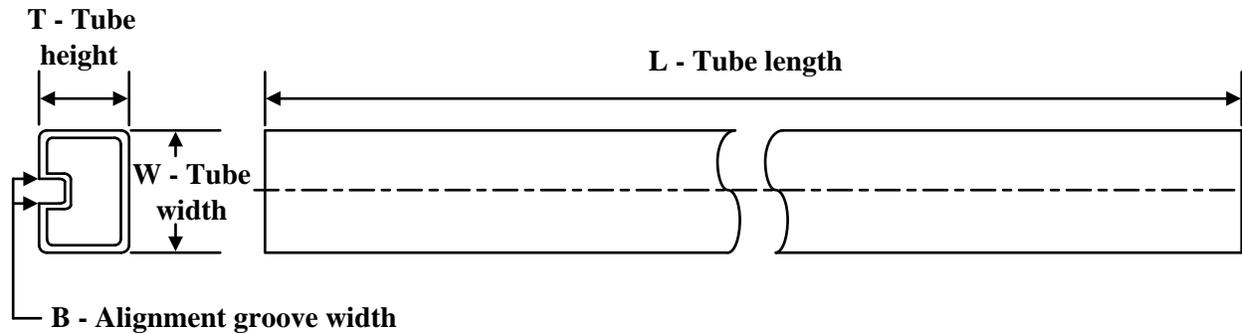
Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TL431BIDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431BIDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431BIDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431BIDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BIDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BIDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BIDCKR	SC70	DCK	6	3000	200.0	183.0	25.0
TL431BIDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
TL431BIDCKT	SC70	DCK	6	250	203.0	203.0	35.0
TL431BIDCKT	SC70	DCK	6	250	210.0	185.0	35.0
TL431BIDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431BIDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431BIPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL431BIPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL431BQDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL431BQDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431BQDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431BQDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431BQDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431BQDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BQDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BQDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431BQDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
TL431BQDCKR	SC70	DCK	6	3000	200.0	183.0	25.0
TL431BQDCKT	SC70	DCK	6	250	203.0	203.0	35.0
TL431BQDCKT	SC70	DCK	6	250	210.0	185.0	35.0
TL431BQDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431BQDR	SOIC	D	8	2500	340.5	336.1	25.0
TL431BQPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL431CDBVR	SOT-23	DBV	5	3000	208.0	191.0	35.0
TL431CDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431CDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431CDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431CDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431CDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431CDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431CDR	SOIC	D	8	2500	340.5	338.1	20.6
TL431CDR-J	SOIC	D	8	2500	340.5	338.1	20.6
TL431CPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL431CPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL431CPKE6	SOT-89	PK	3	1000	182.0	182.0	20.0
TL431IDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL431IDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TL431IDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431IDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431IDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431IDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431IDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431IDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431IPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL431IPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL431QDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL431QDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL431QDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431QDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL431QDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431QDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431QDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL431QDCKR	SC70	DCK	6	3000	203.0	203.0	35.0
TL431QDCKR	SC70	DCK	6	3000	210.0	185.0	35.0
TL431QDCKT	SC70	DCK	6	250	210.0	185.0	35.0
TL431QDCKT	SC70	DCK	6	250	203.0	203.0	35.0
TL431QDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431QDR	SOIC	D	8	2500	353.0	353.0	32.0
TL431QPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL432ACDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432ACDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432ACDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432ACDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432ACDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432ACDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432ACDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432ACDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432AIDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432AIDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432AIDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432AIDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432AIDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432AIDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432AIDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432AIPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL432AIPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL432AQDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432AQDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432AQDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0
TL432AQDBVT	SOT-23	DBV	5	250	210.0	185.0	35.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TL432AQDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432AQDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432AQDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432AQDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432AQDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432AQP	SOT-89	PK	3	1000	190.0	190.0	30.0
TL432AQP	SOT-89	PK	3	1000	340.0	340.0	38.0
TL432BCDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432BCDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432BCDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432BCDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432BCDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432BCDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432BCDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432BCDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432BCPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL432BCPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL432BIDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432BIDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432BIDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432BIDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432BIDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432BIPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL432BIPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL432BQDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432BQDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432BQPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL432BQPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL432CDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432CDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432CDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432CDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432CPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL432CPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL432IDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432IDBVR	SOT-23	DBV	5	3000	210.0	185.0	35.0
TL432IDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432IDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432IDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432IDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432IDBZT	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432IDBZTG4	SOT-23	DBZ	3	250	210.0	185.0	35.0
TL432IPK	SOT-89	PK	3	1000	340.0	340.0	38.0

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Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
TL432IPK	SOT-89	PK	3	1000	190.0	190.0	30.0
TL432QDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432QDBZR	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432QDBZRG4	SOT-23	DBZ	3	3000	210.0	185.0	35.0
TL432QPK	SOT-89	PK	3	1000	340.0	340.0	38.0
TL432QPK	SOT-89	PK	3	1000	190.0	190.0	30.0

**TUBE**


\*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (μm)	B (mm)
TL431ACD	D	SOIC	8	75	507	8	3940	4.32
TL431ACD.A	D	SOIC	8	75	507	8	3940	4.32
TL431ACP	P	PDIP	8	50	506	13.97	11230	4.32
TL431ACP.A	P	PDIP	8	50	506	13.97	11230	4.32
TL431AID	D	SOIC	8	75	507	8	3940	4.32
TL431AID.A	D	SOIC	8	75	507	8	3940	4.32
TL431BCD	D	SOIC	8	75	507	8	3940	4.32
TL431BCD.A	D	SOIC	8	75	507	8	3940	4.32
TL431BID	D	SOIC	8	75	507	8	3940	4.32
TL431BID.A	D	SOIC	8	75	507	8	3940	4.32
TL431BQD	D	SOIC	8	75	507	8	3940	4.32
TL431BQD.A	D	SOIC	8	75	507	8	3940	4.32
TL431CD	D	SOIC	8	75	507	8	3940	4.32
TL431CD.A	D	SOIC	8	75	507	8	3940	4.32
TL431ID	D	SOIC	8	75	507	8	3940	4.32
TL431ID.A	D	SOIC	8	75	507	8	3940	4.32
TL431QD	D	SOIC	8	75	507	8	3940	4.32
TL431QD.A	D	SOIC	8	75	507	8	3940	4.32