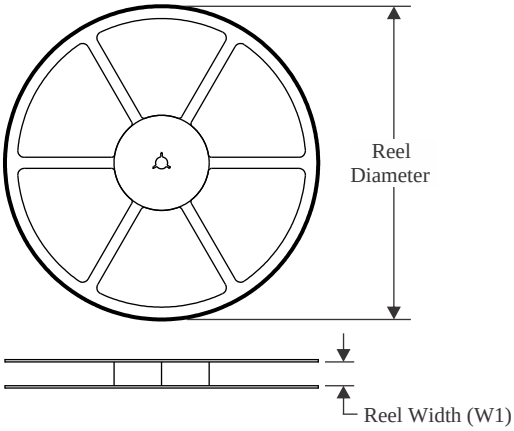
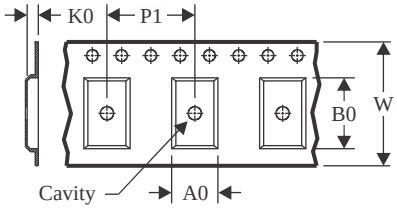
TAPE AND REEL INFORMATION

REEL DIMENSIONS

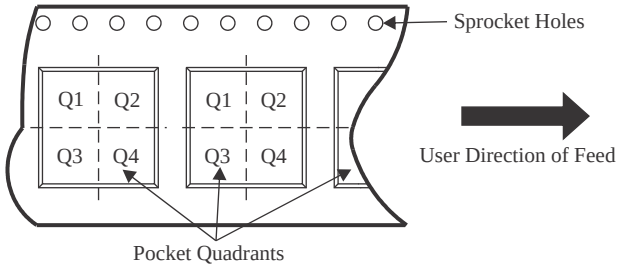


TAPE DIMENSIONS



A0	Dimension designed to accommodate the component width
B0	Dimension designed to accommodate the component length
K0	Dimension designed to accommodate the component thickness
W	Overall width of the carrier tape
P1	Pitch between successive cavity centers

QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE

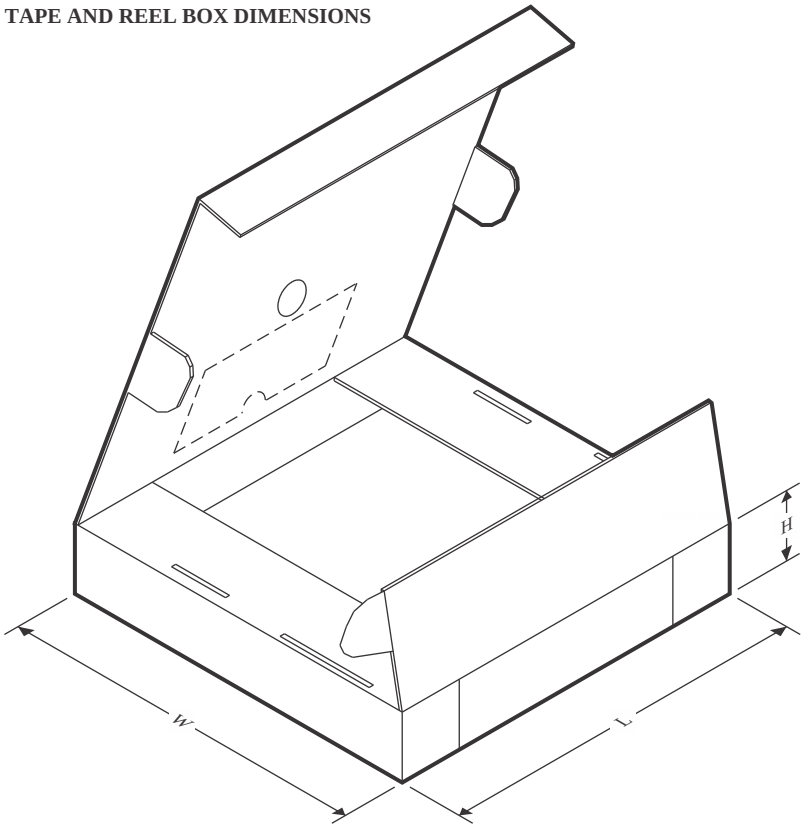


*All dimensions are nominal

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
LM2940CSX-12/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2
LM2940CSX-15/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2
LM2940CSX-5.0/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2
LM2940CSX-9.0/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2
LM2940IMP-10/NOPB	SOT-223	DCY	4	1000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	Q3
LM2940IMP-12/NOPB	SOT-223	DCY	4	1000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	Q3
LM2940IMP-15/NOPB	SOT-223	DCY	4	1000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	Q3
LM2940IMP-5.0/NOPB	SOT-223	DCY	4	1000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	Q3
LM2940IMP-9.0/NOPB	SOT-223	DCY	4	1000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	Q3
LM2940IMPX-10/NOPB	SOT-223	DCY	4	2000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	Q3
LM2940IMPX-12/NOPB	SOT-223	DCY	4	2000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	Q3
LM2940IMPX-5.0/NOPB	SOT-223	DCY	4	2000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	Q3
LM2940IMPX-8.0/NOPB	SOT-223	DCY	4	2000	330.0	16.4	7.0	7.5	2.2	12.0	16.0	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
LM2940LD-12/NOPB	WSON	NGN	8	1000	177.8	12.4	4.3	4.3	1.3	8.0	12.0	Q1
LM2940LD-5.0/NOPB	WSON	NGN	8	1000	177.8	12.4	4.3	4.3	1.3	8.0	12.0	Q1
LM2940SX-10/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2
LM2940SX-12/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2
LM2940SX-5.0/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2
LM2940SX-8.0/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2
LM2940SX-9.0/NOPB	DDPAK/ TO-263	KTT	3	500	330.0	24.4	10.75	14.85	5.0	16.0	24.0	Q2

TAPE AND REEL BOX DIMENSIONS

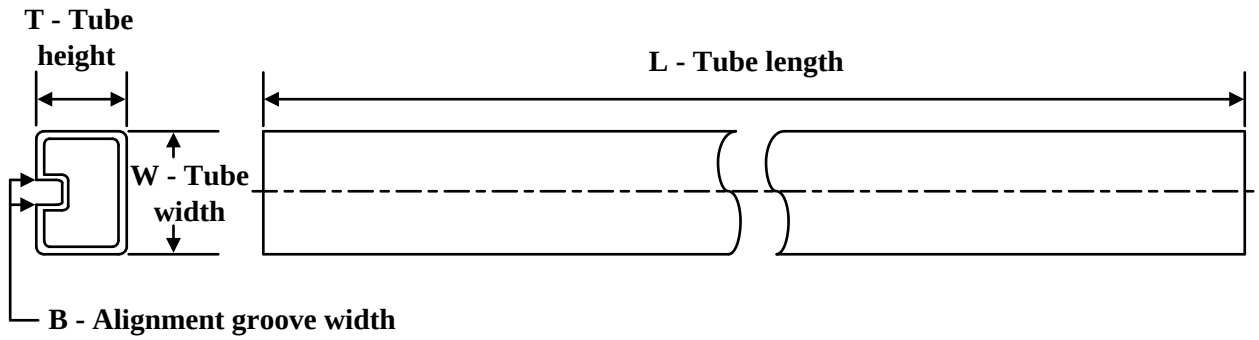


*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
LM2940CSX-12/NOPB	DDPAK/TO-263	KTT	3	500	356.0	356.0	45.0
LM2940CSX-15/NOPB	DDPAK/TO-263	KTT	3	500	356.0	356.0	45.0
LM2940CSX-5.0/NOPB	DDPAK/TO-263	KTT	3	500	356.0	356.0	45.0
LM2940CSX-9.0/NOPB	DDPAK/TO-263	KTT	3	500	356.0	356.0	45.0
LM2940IMP-10/NOPB	SOT-223	DCY	4	1000	367.0	367.0	35.0
LM2940IMP-12/NOPB	SOT-223	DCY	4	1000	367.0	367.0	35.0
LM2940IMP-15/NOPB	SOT-223	DCY	4	1000	367.0	367.0	35.0
LM2940IMP-5.0/NOPB	SOT-223	DCY	4	1000	367.0	367.0	35.0
LM2940IMP-9.0/NOPB	SOT-223	DCY	4	1000	367.0	367.0	35.0
LM2940IMPX-10/NOPB	SOT-223	DCY	4	2000	367.0	367.0	35.0
LM2940IMPX-12/NOPB	SOT-223	DCY	4	2000	367.0	367.0	35.0
LM2940IMPX-5.0/NOPB	SOT-223	DCY	4	2000	367.0	367.0	35.0
LM2940IMPX-8.0/NOPB	SOT-223	DCY	4	2000	367.0	367.0	35.0
LM2940LD-12/NOPB	WSON	NGN	8	1000	208.0	191.0	35.0
LM2940LD-5.0/NOPB	WSON	NGN	8	1000	208.0	191.0	35.0
LM2940SX-10/NOPB	DDPAK/TO-263	KTT	3	500	356.0	356.0	45.0
LM2940SX-12/NOPB	DDPAK/TO-263	KTT	3	500	356.0	356.0	45.0
LM2940SX-5.0/NOPB	DDPAK/TO-263	KTT	3	500	356.0	356.0	45.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
LM2940SX-8.0/NOPB	DDPAK/TO-263	KTT	3	500	356.0	356.0	45.0
LM2940SX-9.0/NOPB	DDPAK/TO-263	KTT	3	500	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)
LM2940CS-12/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940CS-12/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940CS-15/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940CS-15/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940CS-5.0/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940CS-5.0/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940CS-9.0/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940CS-9.0/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940CT-12/NOPB	NDE	TO-220	3	45	502	33	6985	4.06
LM2940CT-12/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06
LM2940CT-15/NOPB	NDE	TO-220	3	45	502	33	6985	4.06
LM2940CT-15/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06
LM2940CT-5.0/LF01	NDG	TO-220	3	45	502	25	8204.2	9.19
LM2940CT-5.0/LF01.B	NDG	TO-220	3	45	502	25	8204.2	9.19
LM2940CT-5.0/NOPB	NDE	TO-220	3	45	502	33	6985	4.06
LM2940CT-5.0/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06
LM2940CT-9.0/NOPB	NDE	TO-220	3	45	502	33	6985	4.06
LM2940CT-9.0/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06
LM2940S-10/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-10/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-12/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-12/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-5.0/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-5.0/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-8.0/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-8.0/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-9.0/NOPB	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940S-9.0/NOPB.B	KTT	TO-263	3	45	502	25	8204.2	9.19
LM2940T-10.0/NOPB	NDE	TO-220	3	45	502	33	6985	4.06

Device	Package Name	Package Type	Pins	SPQ	L (mm)	W (mm)	T (µm)	B (mm)
LM2940T-10.0/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06
LM2940T-12.0/NOPB	NDE	TO-220	3	45	502	33	6985	4.06
LM2940T-12.0/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06
LM2940T-5.0/LF08	NEB	TO-220	3	45	502	25	8204.2	9.19
LM2940T-5.0/LF08.B	NEB	TO-220	3	45	502	25	8204.2	9.19
LM2940T-5.0/NOPB	NDE	TO-220	3	45	502	33	6985	4.06
LM2940T-5.0/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06
LM2940T-8.0/NOPB	NDE	TO-220	3	45	502	33	6985	4.06
LM2940T-8.0/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06
LM2940T-9.0/NOPB	NDE	TO-220	3	45	502	33	6985	4.06
LM2940T-9.0/NOPB.B	NDE	TO-220	3	45	502	33	6985	4.06