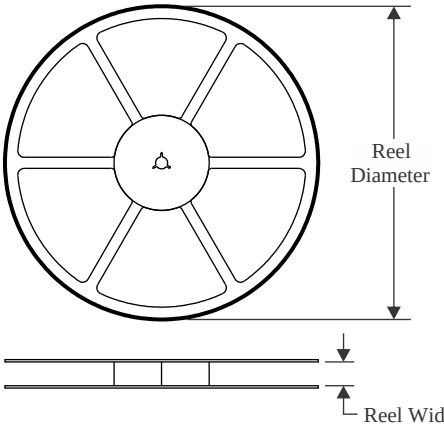
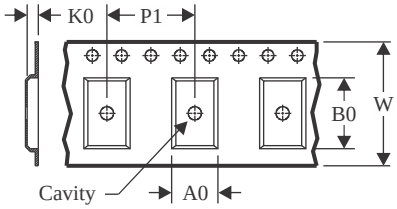
TAPE AND REEL INFORMATION

REEL DIMENSIONS

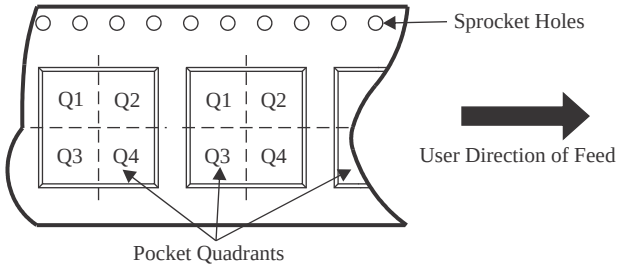


TAPE DIMENSIONS



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

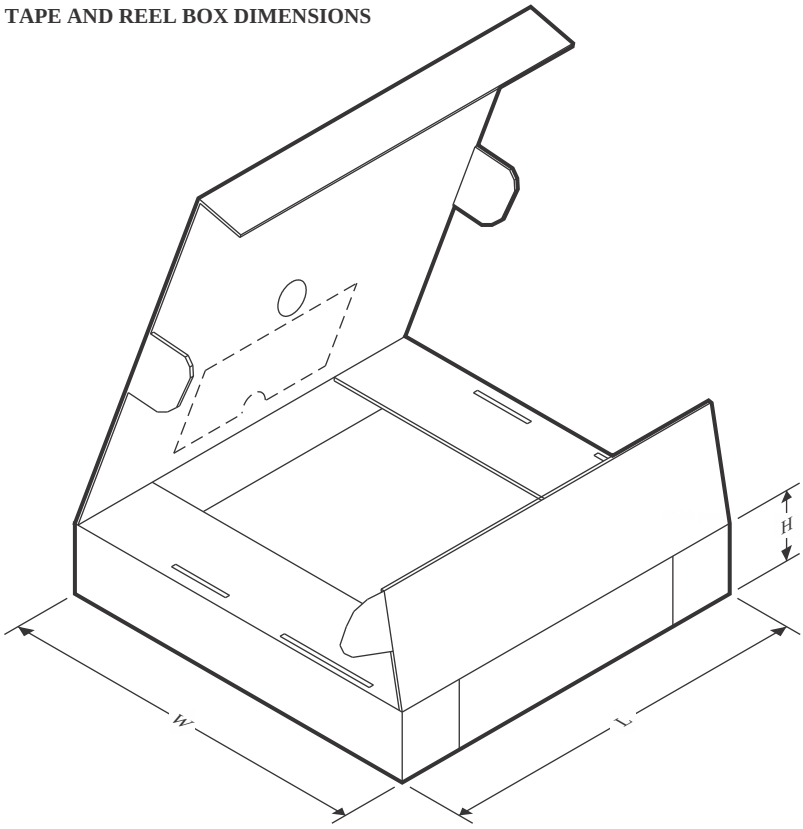


*All dimensions are nominal

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
F29H850DM4SPZSR	HTQFP	PZS	100	1000	330.0	24.4	15.0	15.0	1.5	20.0	24.0	Q2
F29H850DM6SPZSR	HTQFP	PZS	100	1000	330.0	24.4	15.0	15.0	1.5	20.0	24.0	Q2
F29H850DM7TZEXR	NFBGA	ZEX	256	1000	330.0	24.4	13.35	13.35	2.6	16.0	24.0	Q1
F29H850TU9TZEXR	NFBGA	ZEX	256	1000	330.0	24.4	13.35	13.35	2.6	16.0	24.0	Q1
F29H859TU8QPTSRQ1	HTQFP	PTS	176	500	330.0	44.4	22.4	22.4	1.65	24.0	44.0	Q2
F29H859TU8QPZSRQ1	HTQFP	PZS	100	1000	330.0	24.4	15.0	15.0	1.5	20.0	24.0	Q2
F29H859TU8QRFSRQ1	HTQFP	RFS	144	1000	330.0	32.4	18.4	18.4	1.65	24.0	32.0	Q2
F29H859TU8QZEXRQ1	NFBGA	ZEX	256	1000	330.0	24.4	13.35	13.35	2.6	16.0	24.0	Q1
F29P329SM1QPZSRQ1	HTQFP	PZS	100	1000	330.0	24.4	15.0	15.0	1.5	20.0	24.0	Q2
F29P329SM1QRFSRQ1	HTQFP	RFS	144	1000	330.0	32.4	18.4	18.4	1.65	24.0	32.0	Q2
F29P329SM2QPZSRQ1	HTQFP	PZS	100	1000	330.0	24.4	15.0	15.0	1.5	20.0	24.0	Q2
F29P329SM2QRFSRQ1	HTQFP	RFS	144	1000	330.0	32.4	18.4	18.4	1.65	24.0	32.0	Q2
F29P580DM5TZEXR	NFBGA	ZEX	256	1000	330.0	24.4	13.35	13.35	2.6	16.0	24.0	Q1
F29P589DM5QPZSRQ1	HTQFP	PZS	100	1000	330.0	24.4	15.0	15.0	1.5	20.0	24.0	Q2
F29P589DM5QRFSRQ1	HTQFP	RFS	144	1000	330.0	32.4	18.4	18.4	1.65	24.0	32.0	Q2
F29P589DU5QPTSRQ1	HTQFP	PTS	176	500	330.0	44.4	22.4	22.4	1.65	24.0	44.0	Q2

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
F29P589DU5QPZSRQ1	HTQFP	PZS	100	1000	330.0	24.4	15.0	15.0	1.5	20.0	24.0	Q2
F29P589DU5QRFSRQ1	HTQFP	RFS	144	1000	330.0	32.4	18.4	18.4	1.65	24.0	32.0	Q2
F29P589DU5QZEXRQ1	NFBGA	ZEX	256	1000	330.0	24.4	13.35	13.35	2.6	16.0	24.0	Q1

TAPE AND REEL BOX DIMENSIONS

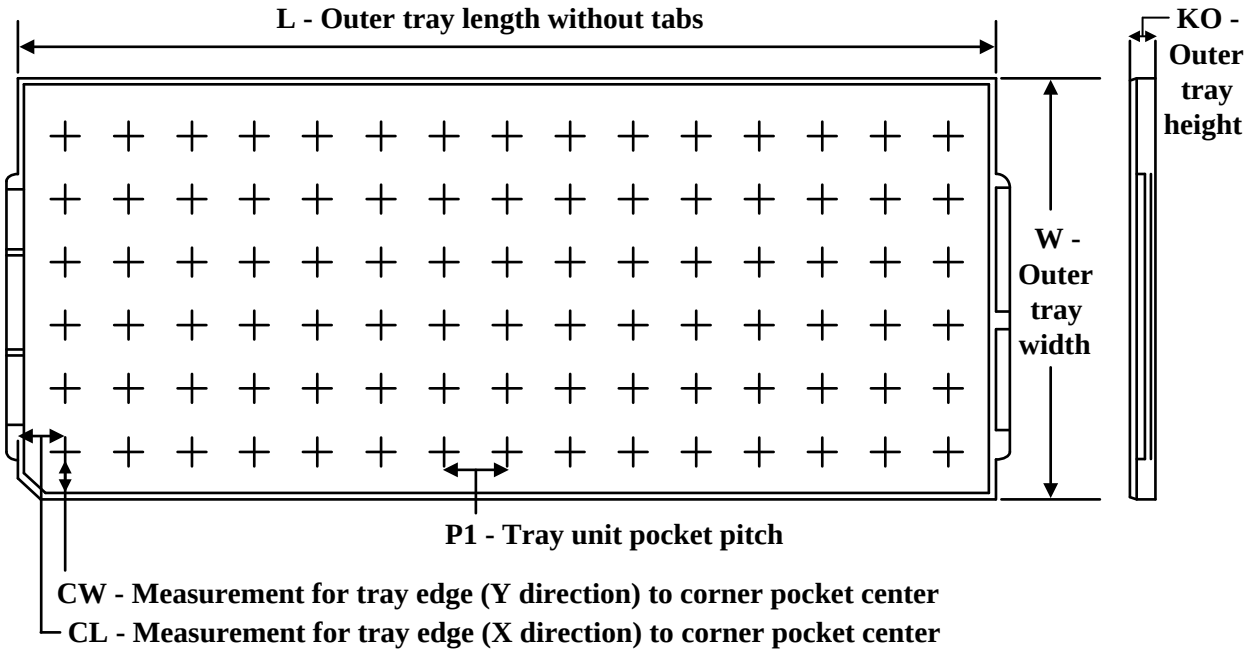


*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
F29H850DM4SPZSR	HTQFP	PZS	100	1000	367.0	367.0	55.0
F29H850DM6SPZSR	HTQFP	PZS	100	1000	367.0	367.0	55.0
F29H850DM7TZEXR	NFBGA	ZEX	256	1000	336.6	336.6	41.3
F29H850TU9TZEXR	NFBGA	ZEX	256	1000	336.6	336.6	41.3
F29H859TU8QPTSRQ1	HTQFP	PTS	176	500	367.0	367.0	67.0
F29H859TU8QPZSRQ1	HTQFP	PZS	100	1000	367.0	367.0	55.0
F29H859TU8QRFSRQ1	HTQFP	RFS	144	1000	367.0	367.0	55.0
F29H859TU8QZEXRQ1	NFBGA	ZEX	256	1000	336.6	336.6	41.3
F29P329SM1QPZSRQ1	HTQFP	PZS	100	1000	367.0	367.0	55.0
F29P329SM1QRFSRQ1	HTQFP	RFS	144	1000	367.0	367.0	55.0
F29P329SM2QPZSRQ1	HTQFP	PZS	100	1000	367.0	367.0	55.0
F29P329SM2QRFSRQ1	HTQFP	RFS	144	1000	367.0	367.0	55.0
F29P580DM5TZEXR	NFBGA	ZEX	256	1000	336.6	336.6	41.3
F29P589DM5QPZSRQ1	HTQFP	PZS	100	1000	367.0	367.0	55.0
F29P589DM5QRFSRQ1	HTQFP	RFS	144	1000	367.0	367.0	55.0
F29P589DU5QPTSRQ1	HTQFP	PTS	176	500	367.0	367.0	67.0
F29P589DU5QPZSRQ1	HTQFP	PZS	100	1000	367.0	367.0	55.0
F29P589DU5QRFSRQ1	HTQFP	RFS	144	1000	367.0	367.0	55.0

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
F29P589DU5QZEXRQ1	NFBGA	ZEX	256	1000	336.6	336.6	41.3

TRAY



Chamfer on Tray corner indicates Pin 1 orientation of packed units.

*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	Unit array matrix	Max temperature (°C)	L (mm)	W (mm)	K0 (µm)	P1 (mm)	CL (mm)	CW (mm)
F29H850DM7SPTS	PTS	HTQFP	176	60	5 x 12	150	315	135.9	7620	25.4	17.8	17.55
F29H850DM7SRFS	RFS	HTQFP	144	84	6 x 14	150	315	135.9	7620	22	14.5	14.45
F29H850DU7SPTS	PTS	HTQFP	176	60	5 x 12	150	315	135.9	7620	25.4	17.8	17.55
F29H850TU9SPTS	PTS	HTQFP	176	60	5 x 12	150	315	135.9	7620	25.4	17.8	17.55
F29H850TU9SRFS	RFS	HTQFP	144	84	6 x 14	150	315	135.9	7620	22	14.5	14.45