

**TAPE AND REEL INFORMATION**

**QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE**

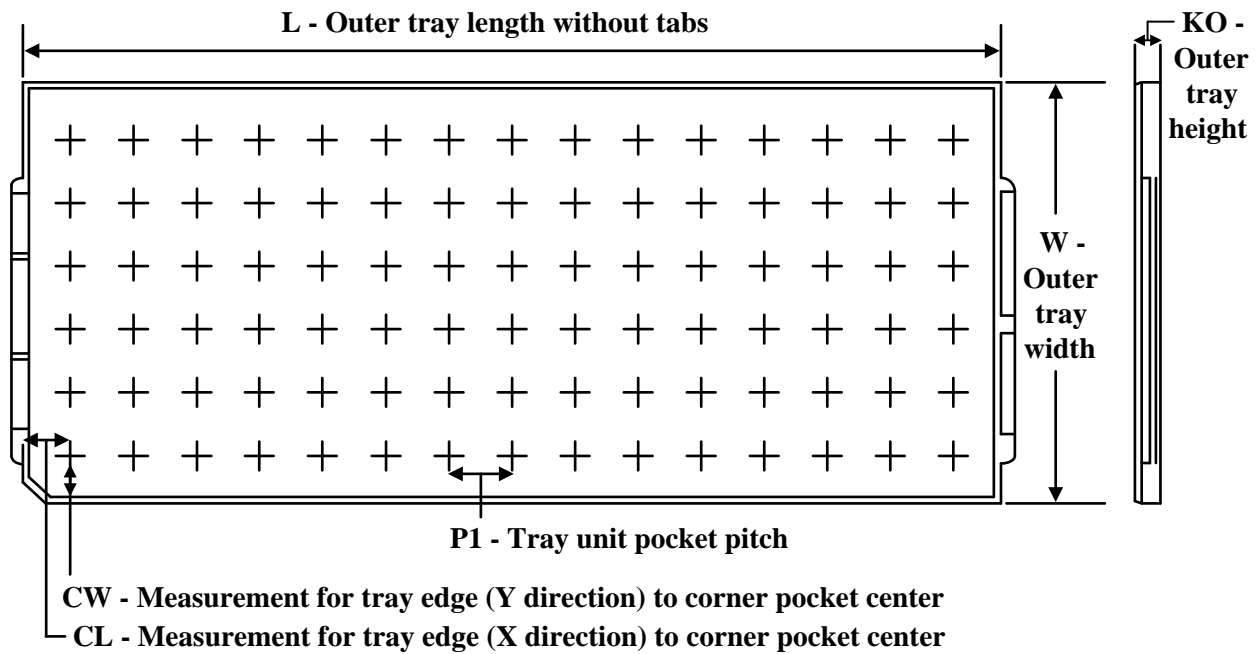

\*All dimensions are nominal

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
F280040CPMQR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280040PMQR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280041CPZQR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280041PMSR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280041PZQR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280045PMSR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280045PZSR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280048CPMQR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280048PMQR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280049CPMSR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280049CPZQR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280049PMSR	LQFP	PM	64	1000	330.0	24.4	13.0	13.0	2.1	16.0	24.0	Q2
F280049PZQR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2
F280049PZSR	LQFP	PZ	100	1000	330.0	32.4	16.9	16.9	2.0	24.0	32.0	Q2

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
F280040CPMQR	LQFP	PM	64	1000	336.6	336.6	41.3
F280040PMQR	LQFP	PM	64	1000	336.6	336.6	41.3
F280041CPZQR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280041PMSR	LQFP	PM	64	1000	336.6	336.6	41.3
F280041PZQR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280045PMSR	LQFP	PM	64	1000	336.6	336.6	41.3
F280045PZSR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280048CPMQR	LQFP	PM	64	1000	336.6	336.6	41.3
F280048PMQR	LQFP	PM	64	1000	336.6	336.6	41.3
F280049CPMSR	LQFP	PM	64	1000	336.6	336.6	41.3
F280049CPZQR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280049PMSR	LQFP	PM	64	1000	336.6	336.6	41.3
F280049PZQR	LQFP	PZ	100	1000	367.0	367.0	55.0
F280049PZSR	LQFP	PZ	100	1000	367.0	367.0	55.0

**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)
F280041CPMS	PM	LQFP	64	160	8 X 20	150	315	135.9	7620	15.2	13.1	13
F280041CPZS	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
F280041PMS	PM	LQFP	64	160	8 X 20	150	315	135.9	7620	15.2	13.1	13
F280041PZS	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
F280045PMS	PM	LQFP	64	160	8 X 20	150	315	135.9	7620	15.2	13.1	13
F280045PZS	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
F280049CPMS	PM	LQFP	64	160	8 X 20	150	315	135.9	7620	15.2	13.1	13
F280049CPZS	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
F280049PMS	PM	LQFP	64	160	8 X 20	150	315	135.9	7620	15.2	13.1	13
F280049PZQ	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4
F280049PZS	PZ	LQFP	100	90	6 x 15	150	315	135.9	7620	20.3	15.4	15.4