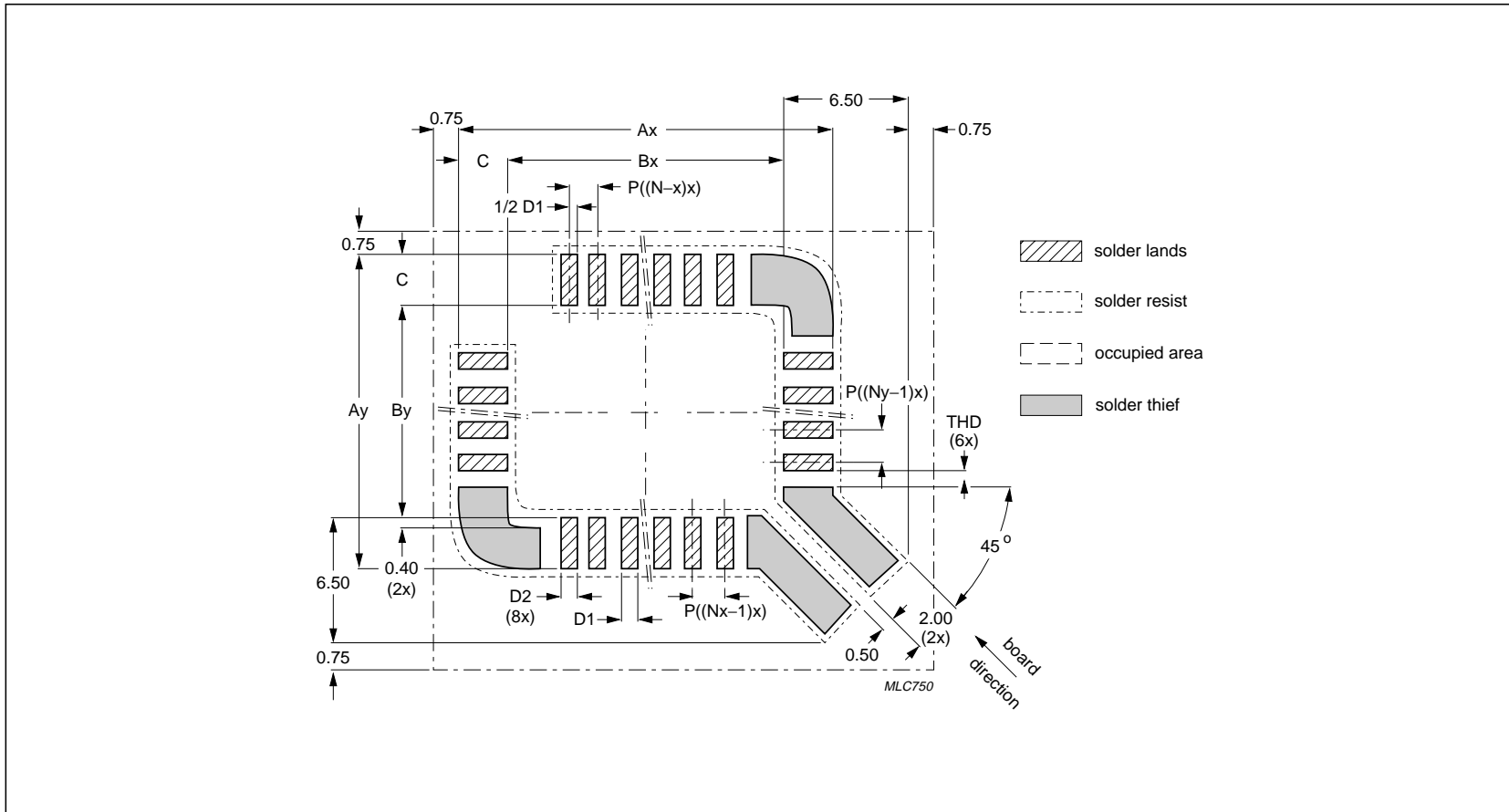


QFP, SQFP, TQFP FOOTPRINT (WAVE SOLDERING)



Wave soldering

PACKAGE NAME	PHILIPS OUTLINE CODE	Nx	Ny	FOOTPRINT DIMENSIONS (mm)										PLACEMENT ACCURACY
				P	Ax	Ay	Bx	By	C	D1	D2	THS	W	
QFP44	SOT205-1	11	11	1.00	19.80	19.80	14.40	14.40	2.70	0.50	0.50	0.40	2.00	±0.25
QFP44	SOT307-2	11	11	0.80	13.90	13.90	10.30	10.30	1.80	0.40	0.40	0.40	2.00	±0.15
QFP52	SOT379-1	Not suitable for wave soldering.												
QFP64	SOT319-1	13	19	1.00	18.90	24.90	15.30	21.30	1.80	0.50	0.50	0.40	2.00	±0.25
QFP64	SOT319-2	13	19	1.00	18.90	24.90	15.30	21.30	1.80	0.50	0.50	0.40	2.00	±0.25

QFP64	SOT319-5	13	19	1.00	18.90	24.90	15.30	21.30	1.80	0.50	0.50	0.40	2.00	±0.25
QFP64	SOT393-1	16	16	0.80	17.95	17.95	14.75	14.75	1.60	0.40	0.40	0.40	2.00	±0.15
QFP64	SOT393-2	16	16	0.80	17.95	17.95	14.75	14.75	1.60	0.40	0.40	0.40	2.00	±0.15
QFP80	SOT310-1	16	24	0.80	18.10	24.10	14.70	20.70	1.70	0.40	0.40	0.40	2.00	±0.15
QFP80	SOT318-1	16	24	0.80	18.70	24.70	15.50	21.50	1.60	0.40	0.40	0.40	2.00	±0.15
QFP80	SOT318-2	16	24	0.80	18.70	24.70	15.50	21.50	1.60	0.40	0.40	0.40	2.00	±0.15
QFP80	SOT496-1	20	20	0.65	18.65	18.65	14.50	14.50	1.875	0.30	0.50	0.30	2.30	±0.15
QFP100	SOT317-1	Not suitable for wave soldering.												
QFP100	SOT317-2	Not suitable for wave soldering.												
QFP100	SOT317-3	Not suitable for wave soldering.												
QFP100	SOT382-1	Not suitable for wave soldering.												
QFP100	SOT382-2	Not suitable for wave soldering.												
QFP120	SOT349-2	30	30	0.80	32.65	32.65	28.90	28.90	1.875	0.40	0.60	0.30	2.30	±0.15
QFP128	SOT320-2	32	32	0.80	32.70	32.70	29.30	29.30	1.70	0.40	0.40	0.40	2.00	±0.15
QFP160	SOT322-2	40	40	0.65	32.65	32.65	28.90	28.90	1.875	0.30	0.50	0.30	2.30	±0.15
SQFP128	SOT387-3	Not suitable for wave soldering.												
SQFP208	SOT316-1	Not suitable for wave soldering.												
TQFP44	SOT376-1	11	11	0.80	13.95	13.95	10.15	10.15	1.90	0.40	0.40	0.40	2.00	±0.15
TQFP64	SOT357-1	Not suitable for wave soldering.												
TQFP80	SOT375-1	Not suitable for wave soldering.												
TQFP100	SOT386-1	Not suitable for wave soldering.												