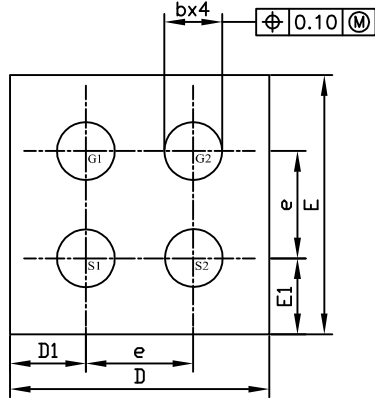
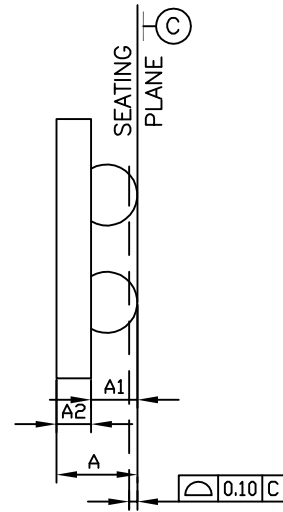




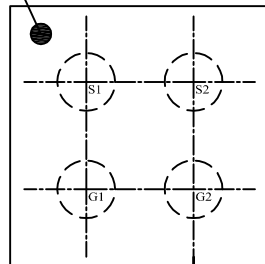
WLCSP PACKAGE OUTLINE for WLCSP1.57X1.57_4



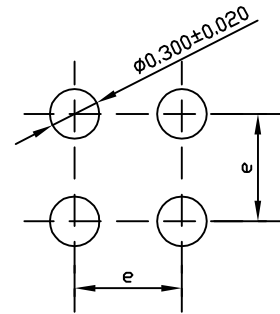
BUMP UP



Pin 1 Index



BUMP DOWN



RECOMMENDED LAND PATTERN

SYMBOLS	DIMENSIONS IN MILLIMETERS			DIMENSIONS IN INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	0.445	0.480	0.515	0.018	0.019	0.020
A1	0.260	0.280	0.300	0.010	0.011	0.012
A2	0.185	0.200	0.215	0.007	0.008	0.008
b	0.330	0.350	0.390	0.013	0.014	0.015
D	---	1.570	---	---	0.062	---
D1	---	0.460	---	---	0.018	---
E	---	1.570	---	---	0.062	---
E1	---	0.460	---	---	0.018	---
e	0.650 BSC			0.026 BSC		

NOTE:

- CONTROLLED DIMENSIONS ARE IN MILLIMETERS. CONVERTED INCH DIMENSIONS ARE NOT NECESSARILY EXACT.
- THE SCRIBBLE LINE IS NOT INCLUDED IN THE POD, IF WITH SCRIBBLE LINE, D AND E DIMENSION WILL PLUS 0.05MM RESPECTIVELY.