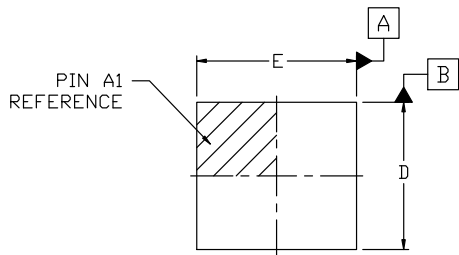
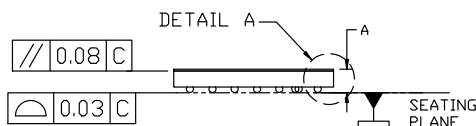


WLCSP40 2.301x2.499x0.369
CASE 567HU
ISSUE O

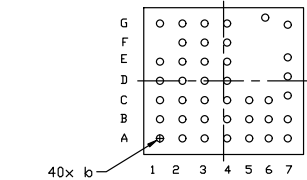
DATE 29 APR 2022



TOP VIEW

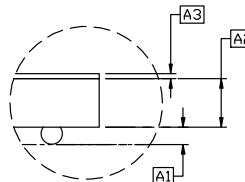


SIDE VIEW

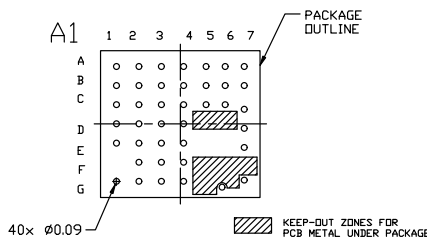


BOTTOM VIEW

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.333	0.369	0.405
A1	0.070	0.090	0.110
A2	0.254 REF		
A3	0.022	0.025	0.028
b	0.096	0.111	0.126
D	2.276	2.301	2.326
E	2.474	2.499	2.524



DETAIL A
SCALE 1:3



RECOMMENDED
MOUNTING FOOTPRINT

* For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSION b IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER PARALLEL TO DATUM C.
4. COPLANARITY APPLIES TO THE SPHERICAL CROWNS OF THE SOLDER BALLS.
5. DATUM C, THE SEATING PLANE, IS DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.

BALL POSITION TABLE					
BALL	X	Y	BALL	X	Y
A1	-1.00	-0.90	D1	-1.00	0.00
A2	-0.65	-0.90	D2	-0.65	0.00
A3	-0.30	-0.90	D3	-0.30	0.00
A4	0.05	-0.90	D4	0.05	0.00
A5	0.40	-0.90	D7	1.00	0.07
A6	0.70	-0.90	E1	-1.00	0.30
A7	1.00	-0.90	E2	-0.65	0.30
B1	-1.00	-0.60	E3	-0.30	0.30
B2	-0.65	-0.60	E4	0.05	0.30
B3	-0.30	-0.60	E7	1.00	0.37
B4	0.05	-0.60	F2	-0.65	0.60
B5	0.40	-0.60	F3	-0.30	0.60
B6	0.70	-0.60	F4	0.05	0.60
B7	1.00	-0.60	G1	-1.00	0.90
C1	-1.00	-0.30	G2	-0.65	0.90
C2	-0.65	-0.30	G3	-0.30	0.90
C3	-0.30	-0.30	G4	0.05	0.90
C4	0.05	-0.30	G6	0.65	0.99
C5	0.40	-0.30	G7	1.00	0.88
C6	0.70	-0.30			
C7	1.00	-0.23			

MOUNTING PAD POSITION TABLE					
BALL	X	Y	BALL	X	Y
A1	-1.00	0.90	D1	-1.00	0.00
A2	-0.65	0.90	D2	-0.65	0.00
A3	-0.30	0.90	D3	-0.30	0.00
A4	0.05	0.90	D4	0.05	0.00
A5	0.40	0.90	D7	1.00	-0.07
A6	0.70	0.90	E1	-1.00	-0.30
A7	1.00	0.90	E2	-0.65	-0.30
B1	-1.00	0.60	E3	-0.30	-0.30
B2	-0.65	0.60	E4	0.05	-0.30
B3	-0.30	0.60	E7	1.00	-0.37
B4	0.05	0.60	F2	-0.65	-0.60
B5	0.40	0.60	F3	-0.30	-0.60
B6	0.70	0.60	F4	0.05	-0.60
B7	1.00	0.60	G1	-1.00	-0.90
C1	-1.00	0.30	G2	-0.65	-0.90
C2	-0.65	0.30	G3	-0.30	-0.90
C3	-0.30	0.30	G4	0.05	-0.90
C4	0.05	0.30	G6	0.65	-0.99
C5	0.40	0.30	G7	1.00	-0.88
C6	0.70	0.30			
C7	1.00	0.23			

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