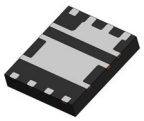

PQFN8 5X6, 1.27P (SAWN TYPE)
CASE 483AJ
ISSUE A

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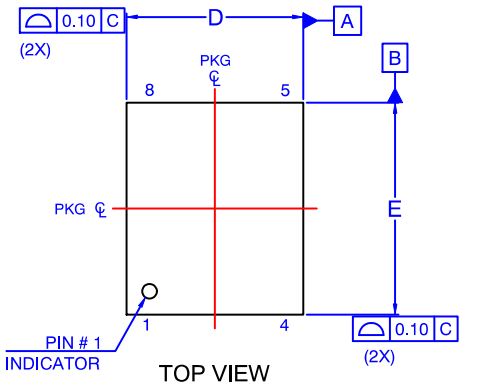
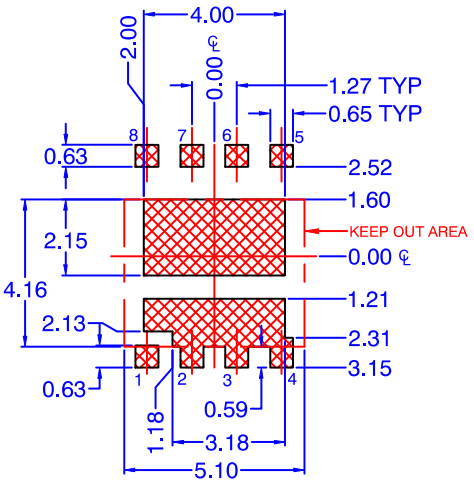
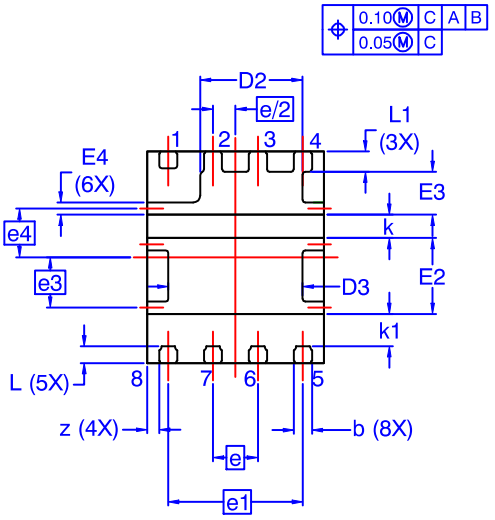


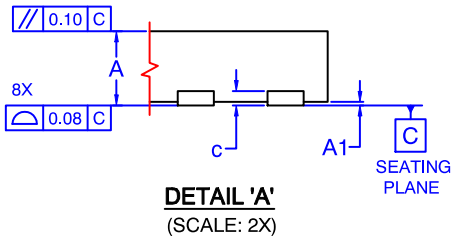


LAND PATTERN RECOMMENDATION
FOR SAWN / PUNCHED TYPE

*FOR ADDITIONAL INFORMATION ON OUR PB-FREE STRATEGY AND SOLDERING DETAILS, PLEASE DOWNLOAD THE ON SEMICONDUCTOR SOLDERING AND MOUNTING TECHNIQUES REFERENCE MANUAL, SOLDERRM/D.

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.90	1.00	1.10
A1	0.00	-	0.05
b	0.31	0.51	0.61
c	0.10	0.20	0.30
D	4.90	5.00	5.10
D2	2.80	2.90	3.16
D3	3.70	3.80	4.08
E	5.90	6.00	6.25
E2	2.05	2.15	2.25
E3	1.12	1.22	1.34
E4	0.25	0.35	0.45
e	1.27 BSC		
e1	3.81 BSC		
e/2	0.635 BSC		
e3	1.43 BSC		
e4	1.38 BSC		
k	0.61	0.66	0.71
k1	0.82	0.92	1.02
L	0.38	0.48	0.65
L1	0.48	0.58	0.68
z	0.34 REF		





DETAIL 'A'
(SCALE: 2X)

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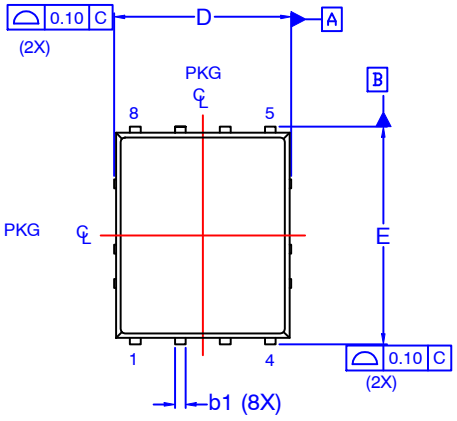
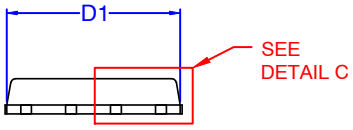
DESCRIPTION:	**PQFN8 5X6, 1.27P**		**PAGE 1 OF 2**

PQFN8 5X6, 1.27P (PUNCHED TYPE)
CASE 483AJ
ISSUE A

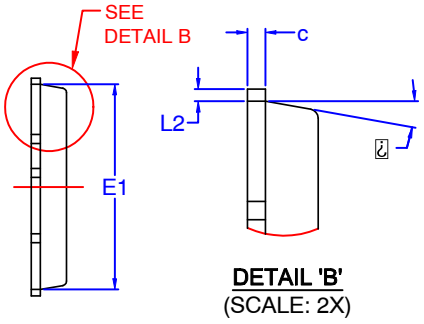
DATE 08 FEB 2021



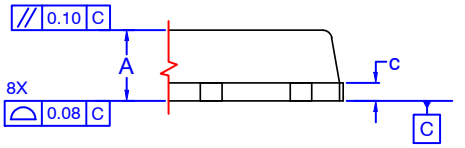
TOP VIEW



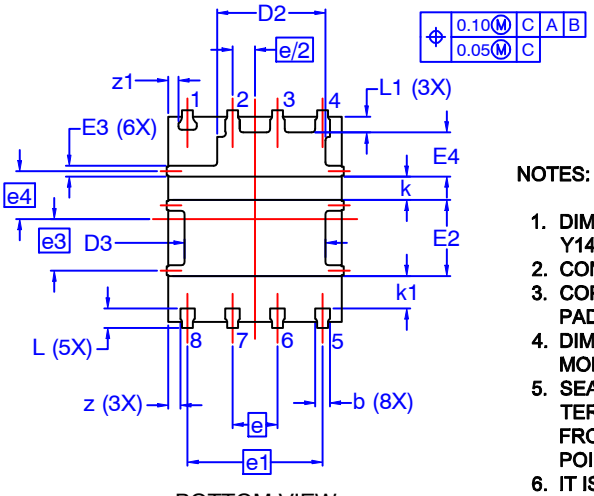
SIDE VIEW



DETAIL 'B'
(SCALE: 2X)



DETAIL 'C'
(SCALE: 2X)



BOTTOM VIEW

OPTION - B (PUNCHED TYPE)

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.90	1.00	1.10
b	0.31	0.51	0.61
b1	0.21	0.31	0.41
c	0.15	0.25	0.35
D	4.90	5.00	5.10
D1	4.80	4.90	5.00
D2	2.80	3.06	3.16
D3	3.70	3.98	4.08
E	5.90	6.00	6.25
E1	5.70	5.80	5.90
E2	2.05	2.15	2.25
E3	0.25	0.33	0.45
E4	1.12	1.24	1.34
e	1.27 BSC		
e1	3.81 BSC		
e/2	0.635 BSC		
e3	1.45 BSC		
e4	1.36 BSC		
k	0.61	0.66	0.71
k1	0.82	0.92	1.02
L	0.38	0.55	0.65
L1	0.35	0.45	0.55
L2	0.08	0.18	0.28
z	0.34 REF		
z1	0.28 REF		
Θ	0°	-	10°

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. COPLANARITY APPLIES TO THE EXPOSED PADS AS WELL AS THE TERMINALS.
4. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS.
5. SEATING PLANE IS DEFINED BY THE TERMINALS. "A1" IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT ON THE PACKAGE BODY.
6. IT IS RECOMMENDED TO HAVE NO TRACES OR VIAS WITHIN THE KEEP OUT AREA.