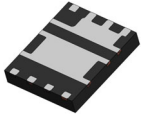


MECHANICAL CASE OUTLINE

PACKAGE DIMENSIONS

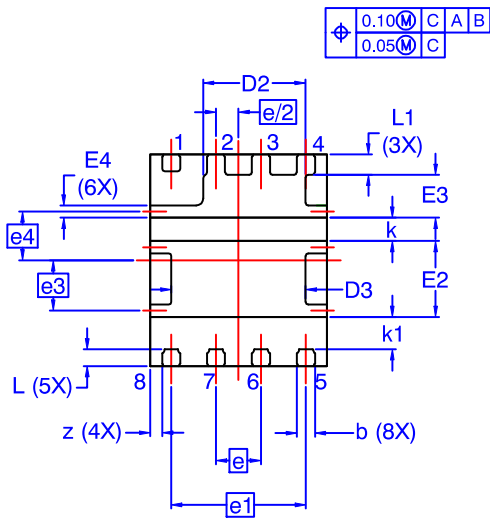
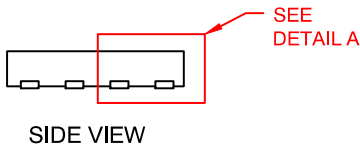
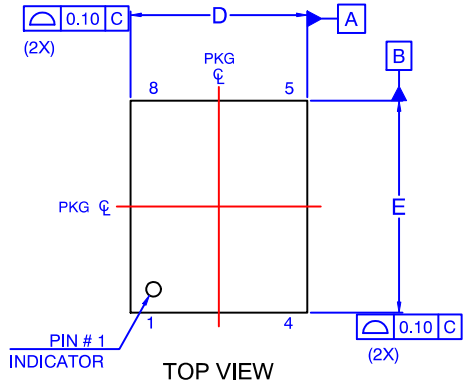
ON Semiconductor®



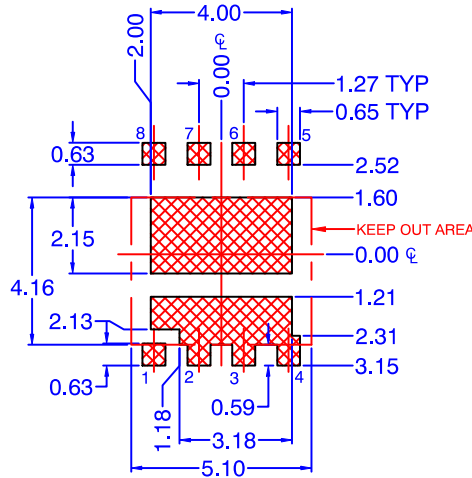
PQFN8 5X6, 1.27P (SAWN TYPE)

CASE 483AJ
ISSUE A

DATE 08 FEB 2021

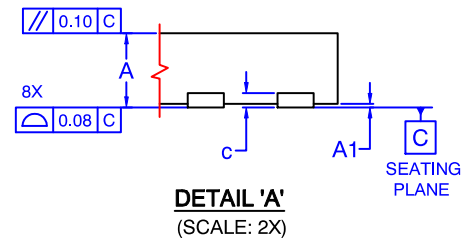


OPTION - A (SAWN TYPE)



*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		



DOCUMENT NUMBER:	98AON13659G	Electronic versions are uncontrolled except when accessed directly from the Document Repository. Printed versions are uncontrolled except when stamped "CONTROLLED COPY" in red.
DESCRIPTION:	PQFN8 5X6, 1.27P	PAGE 1 OF 2

ON Semiconductor and are trademarks of Semiconductor Components Industries, LLC dba ON Semiconductor or its subsidiaries in the United States and/or other countries. ON Semiconductor reserves the right to make changes without further notice to any products herein. ON Semiconductor makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does ON Semiconductor assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation special, consequential or incidental damages. ON Semiconductor does not convey any license under its patent rights nor the rights of others.

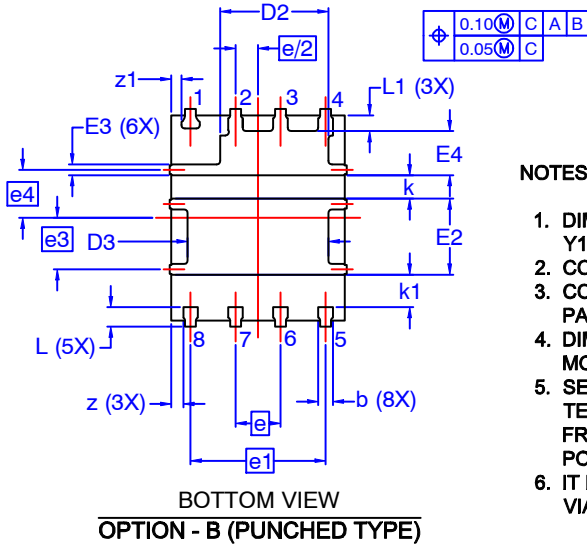
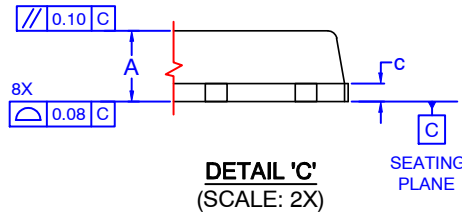
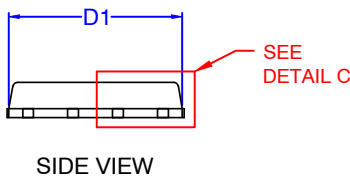
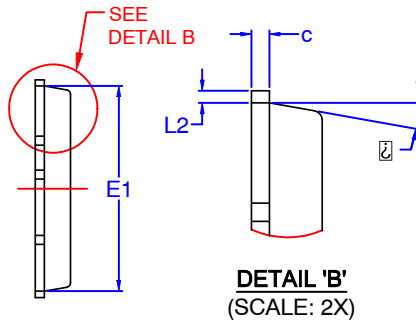
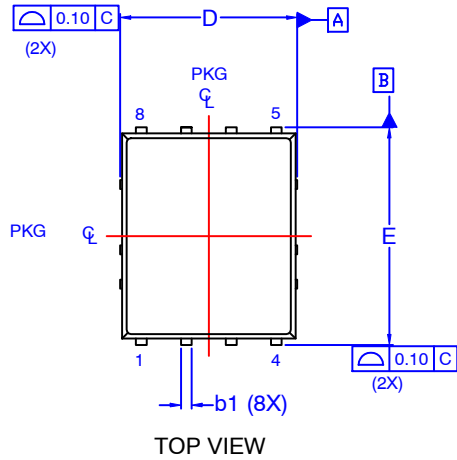
MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®



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

DATE 08 FEB 2021



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.

DOCUMENT NUMBER:	98AON13659G	Electronic versions are uncontrolled except when accessed directly from the Document Repository. Printed versions are uncontrolled except when stamped "CONTROLLED COPY" in red.
DESCRIPTION:	PQFN8 5X6, 1.27P	PAGE 2 OF 2

ON Semiconductor and ON are trademarks of Semiconductor Components Industries, LLC dba ON Semiconductor or its subsidiaries in the United States and/or other countries. ON Semiconductor reserves the right to make changes without further notice to any products herein. ON Semiconductor makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does ON Semiconductor assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation special, consequential or incidental damages. ON Semiconductor does not convey any license under its patent rights nor the rights of others.