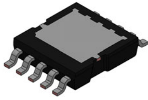
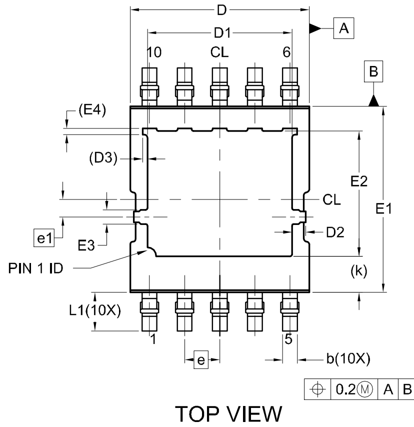
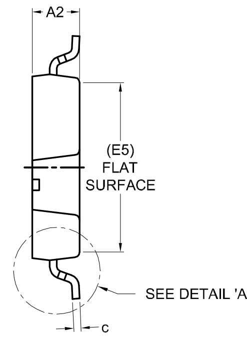


TCPAK10 5.1x7.5, 1.0P
CASE 760AG
ISSUE D

DATE 13 OCT 2022



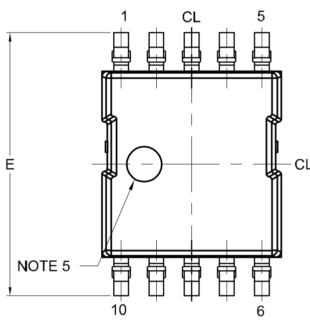
TOP VIEW



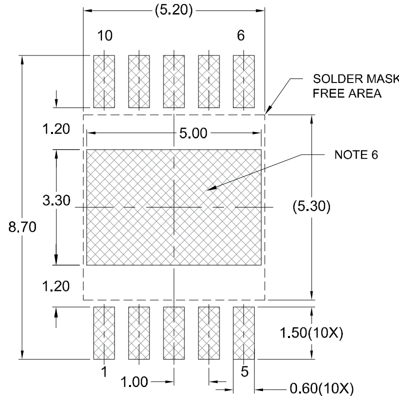
SIDE VIEW

NOTES:
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. UNIT DIMENSION: MILLIMETERS
3. DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR BURRS. MOLD FLASH PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.150mm PER SIDE.
4. DIMENSIONS D AND E1 ARE DETERMINED AT THE OUTERMOST EXTREMES OF THE PLASTIC BODY.
5. OPTIONAL MOLD FEATURE.
6. LAND PAD UNDER THE PACKAGE BODY IS FOR MECHANICAL SUPPORT ONLY. SOLDER CONNECTION IS NOT REQUIRED.
7. DIMENSION A1 IS THE LEAD STAND-OFF FROM THE BOTTOM SURFACE OF THE PACKAGE BODY.

	MILLIMETERS		
DIM	MIN	NOM	MAX
A	1.30	1.35	1.45
A1	-0.05	0.00	0.05
A2	1.30	1.35	1.40
b	0.36	0.41	0.46
c	0.16	0.21	0.26
D	5.00	5.10	5.20
D1	4.02	4.12	4.22
D2	0.30	0.40	0.50
D3		0.14 REF	
E	7.40	7.50	7.60
E1	5.20	5.30	5.40
E2	3.47	3.57	3.67
E3	0.30	0.40	0.50
E4		0.17 REF	
E5		4.82 REF	
e		1.00 BSC	
e1		0.50 BSC	
k		1.03 REF	
L	0.49	0.69	0.89
L1	0.90	1.10	1.30
L2		0.25 BSC	
Q	0.60	0.65	0.70
ϴ	0°	2.5°	5°

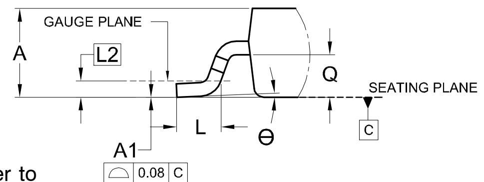


BOTTOM VIEW



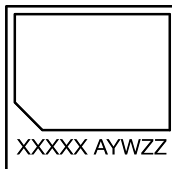
LAND PAD RECOMMENDATION

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



DETAIL 'A'

GENERIC MARKING DIAGRAM*



XXXX = Specific Device Code
A = Assembly Location
Y = Year
W = Work Week
ZZ = Assembly Lot Code

*This information is generic. Please refer to device data sheet for actual part marking. Pb−Free indicator, “G” or microdot “▪”, may or may not be present. Some products may not follow the Generic Marking.

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DESCRIPTION:	TCPAK10 5.1x7.5, 1.0P	PAGE 1 OF 1

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