

ORDER NUMBER(S):

ORDERING NUMBER	PACKAGE	FEATURES
CAP1006-1-AIA-TR	10-pin DFN 3mm x 3mm (Lead Free RoHS compliant)	Six Capacitive Touch Sensors, SMBus interface
CAP1006-2-AIA-TR	10-pin DFN 3mm x 3mm (Lead Free RoHS compliant)	Six Capacitive Touch Sensors, BC-Link interface
CAP1005-1-AIA-TR	10-pin DFN 3mm x 3mm (Lead Free RoHS compliant)	Five Capacitive Touch sensors, Full Duplex SPI interface

REEL SIZE IS 4,000 PIECES

This product meets the halogen maximum concentration values per IEC61249-2-21

For RoHS compliance and environmental information, please visit www.smisc.com/rohs



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Package Outline

CAP1006 and CAP1005 Package Drawings

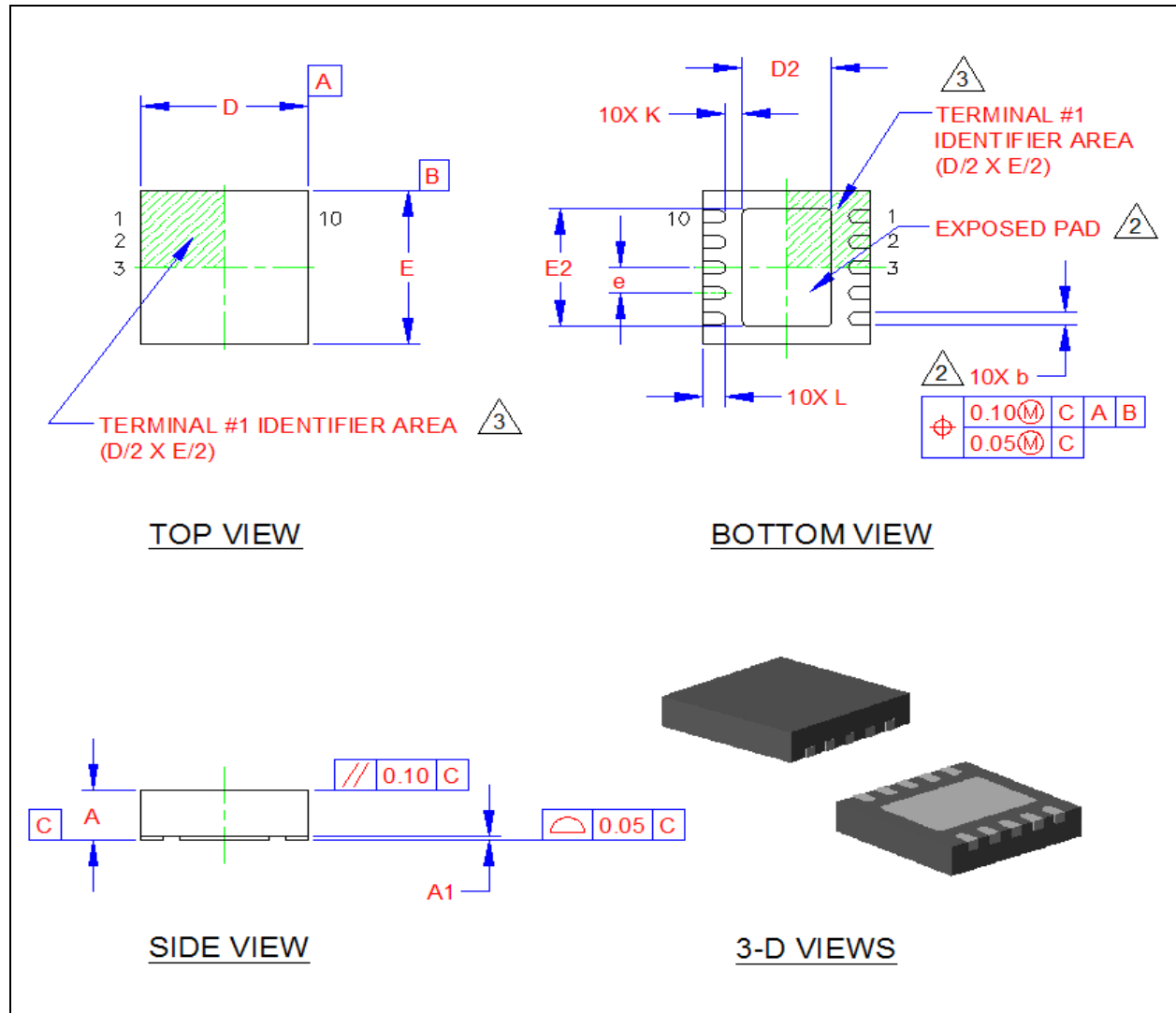
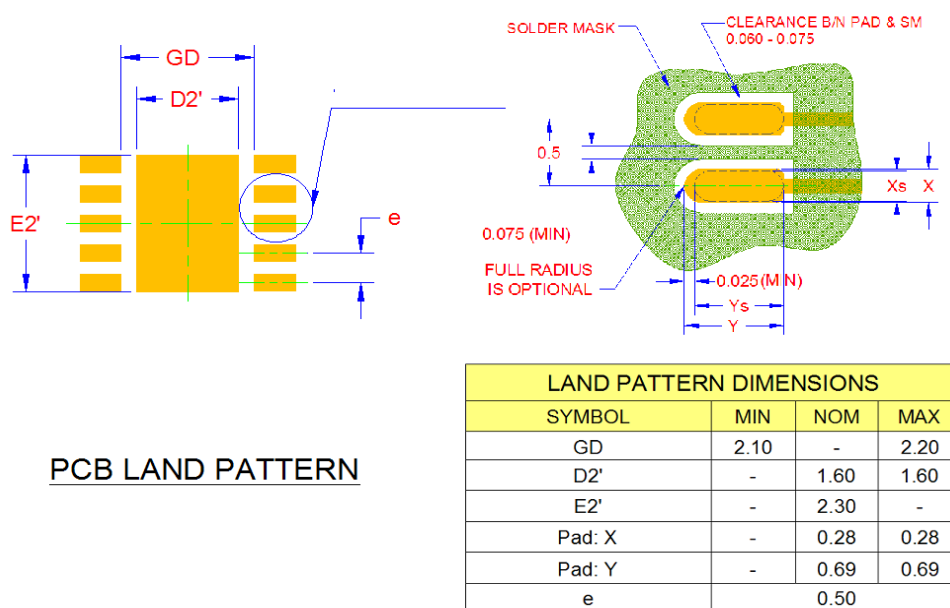


Figure 1 10-Pin DFN 3mm x 3mm Package Drawings

COMMON DIMENSIONS					
SYMBOL	MIN	NOM	MAX	NOTE	REMARK
A	0.80	0.85	0.90	-	OVERALL PACKAGE HEIGHT
A1	0	0.02	0.05	-	STANDOFF
D/E	2.90	3.00	3.10	-	X/Y BODY SIZE
D2	1.50	1.60	1.70	2	X EXPOSED PAD SIZE
E2	2.20	2.30	2.40	2	Y EXPOSED PAD SIZE
L	0.35	0.40	0.45	-	TERMINAL LENGTH
b	0.18	0.25	0.30	2	TERMINAL WIDTH
K	0.25	0.30	-	-	TERMINAL TO PAD DISTANCE
e	0.50 BSC			-	TERMINAL PITCH

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. UNILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED PAD, AS WELL AS THE TERMINALS. DIMENSIONS "b" APPLIES TO PLATED TERMINALS AND IT IS MEASURED BETWEEN 0.15 AND 0.30 mm FROM THE TERMINAL TIP.
3. DETAILS OF TERMINAL #1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN THE AREA INDICATED.

Figure 2 10-Pin DFN 3mm x 3mm Package Dimensions

Figure 3 10-Pin DFN 3mm x 3mm PCB Footprint