

Order Number(s):

| ORDERING NUMBER | PACKAGE | FEATURES |
|------------------|--|--|
| CAP1106-1-AIA-TR | 10-pin DFN 3mm x 3mm (Lead-free RoHS compliant) | Six capacitive touch sensor inputs, SMBus interface |
| CAP1106-2-AIA-TR | 10-pin DFN 3mm x 3mm (Lead-free RoHS compliant) | Six capacitive touch sensor inputs, BC-Link interface |
| CAP1105-1-AIA-TR | 10-pin DFN 3mm x 3mm (Lead-free RoHS compliant) | Five capacitive touch sensor inputs, 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.smssc.com/rohs

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Package Information

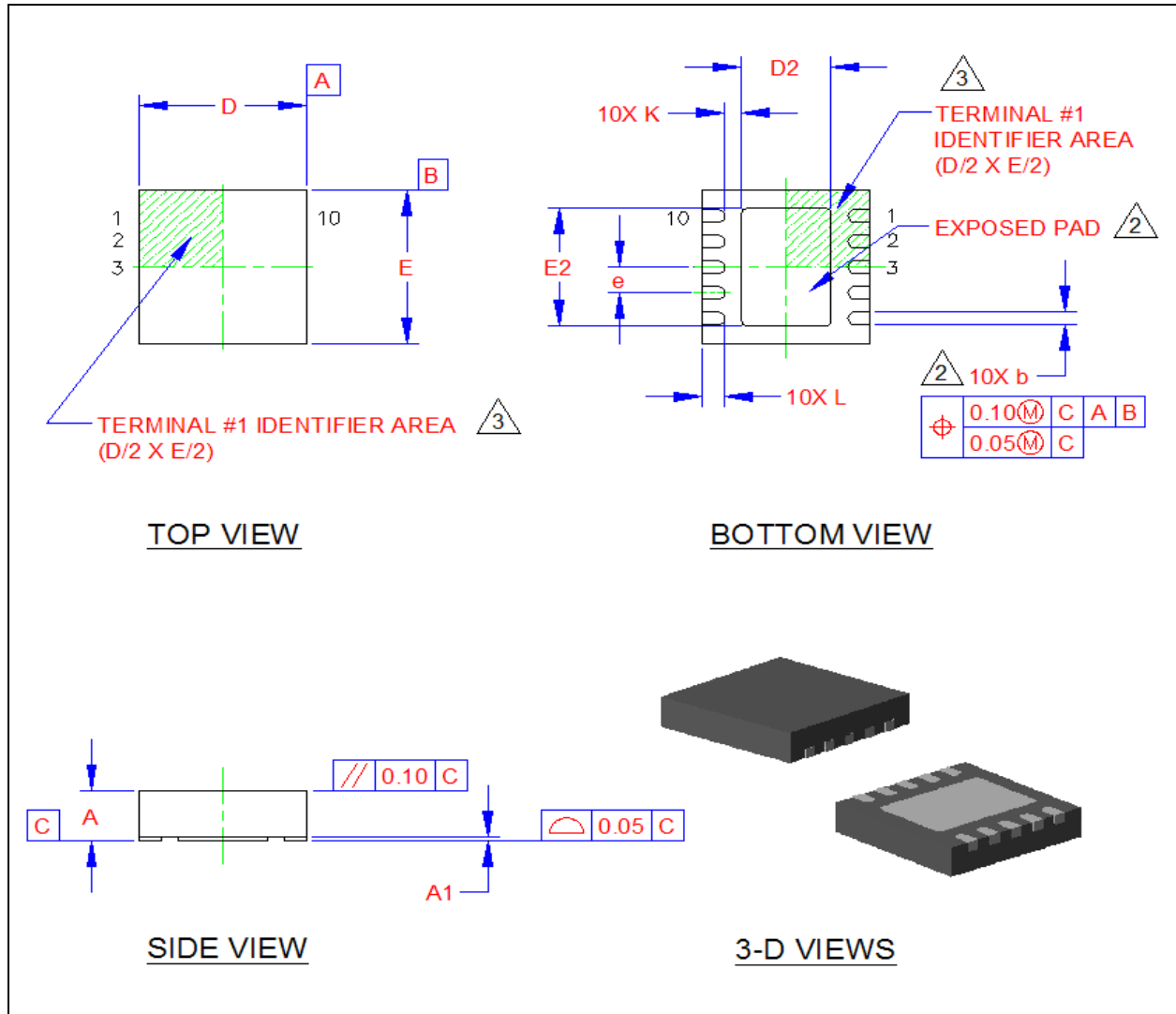
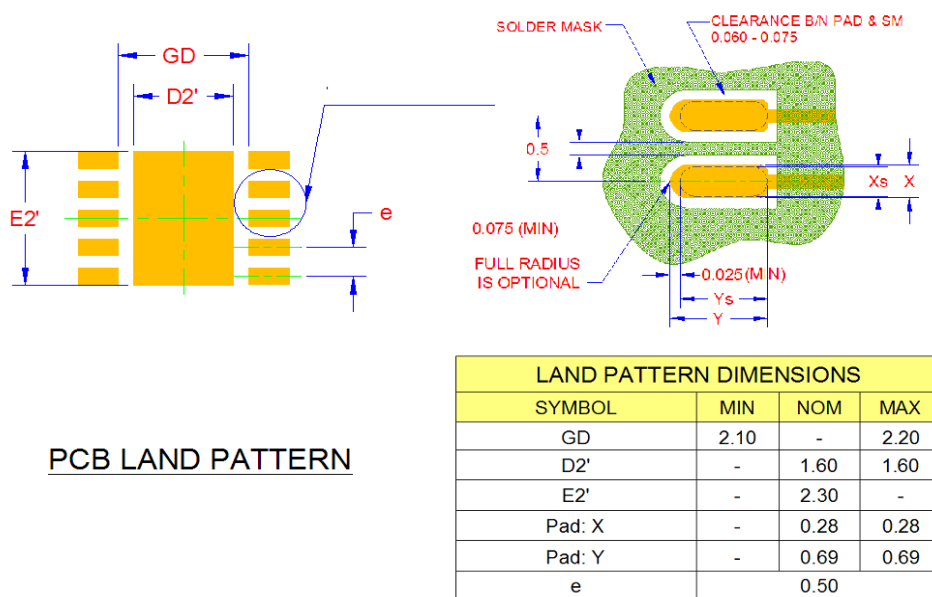


Figure 1 10-Pin DFN 3mm x 3mm Package Drawings

| 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**