

# Customer Information Sheet

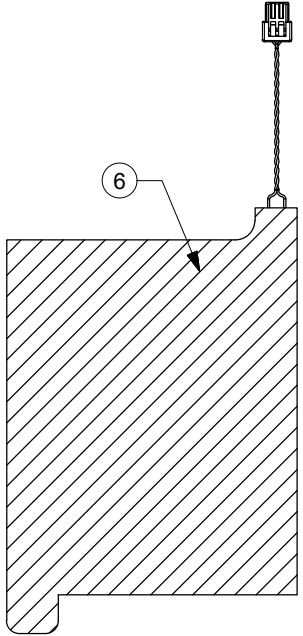
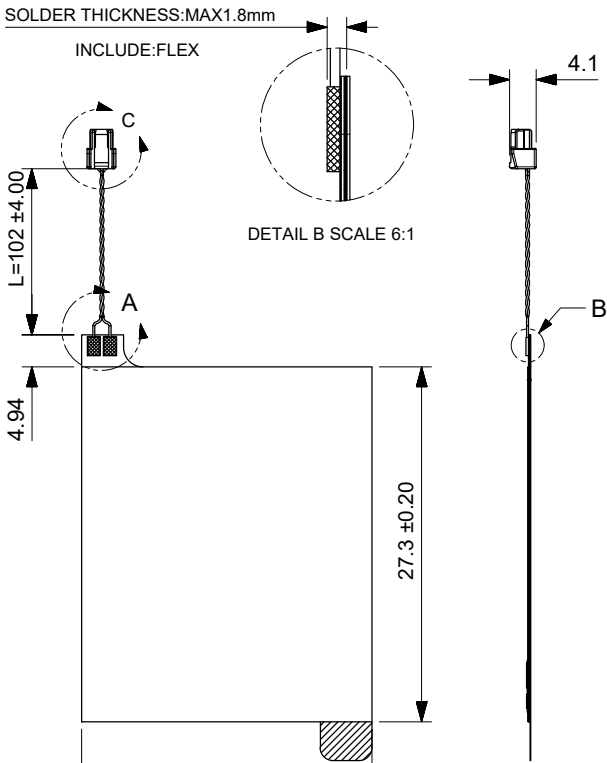
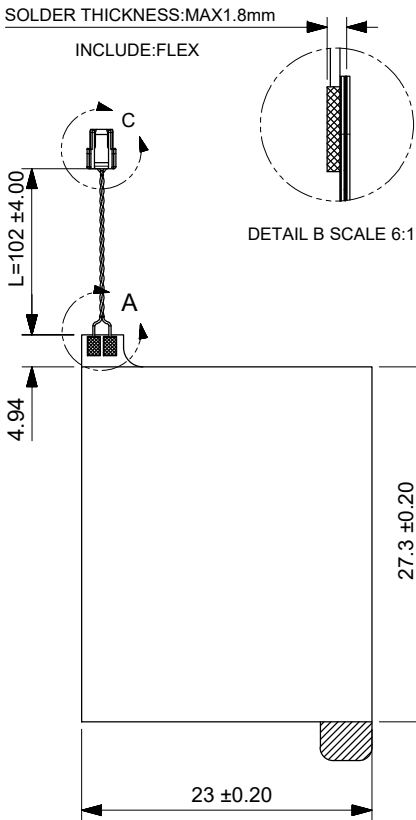
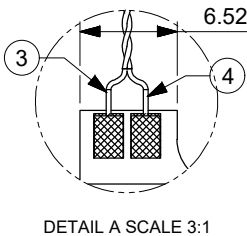
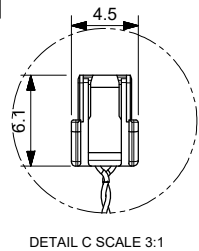
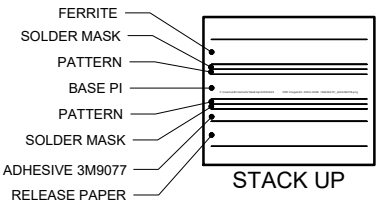
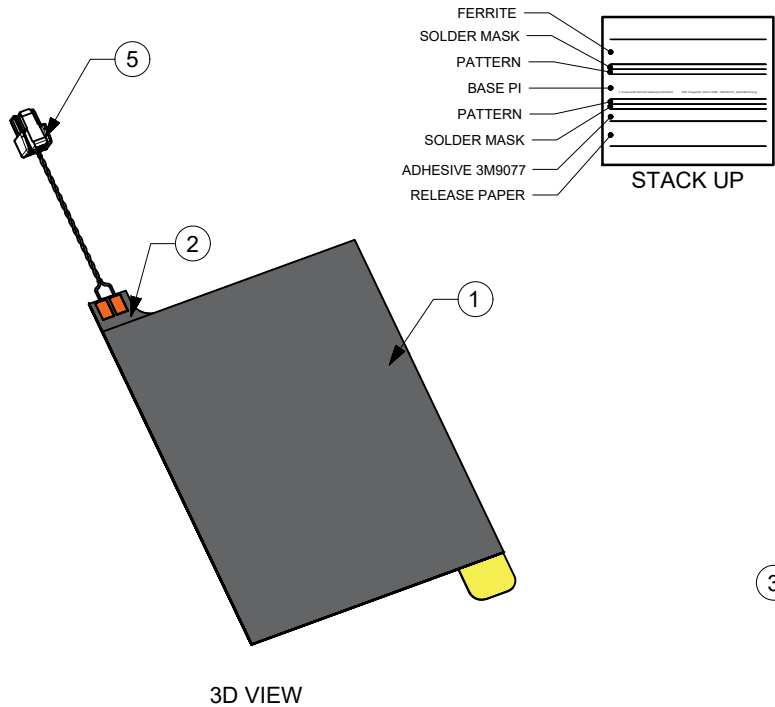
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



- NOTES:
- NFC ANTENNA THICKNESS  $0.17 \pm 0.05$ mm.  
NFC ANTENNA WITH FERRITE THICKNESS  $0.27 \pm 0.07$ mm
  - CABLE INFORMATION: WIRE RANGE: 28 AWG;  
(MODEL: UL3302#28-7/0.13TA OD=0.7)
  - CONNECTOR MATERIAL:  
HOUSINGS MOLEX P/N: 505565-0201  
TERMINALS MOLEX P/N: 505431-1000
  - NFC ADHESIVE: 3M 9077, THICKNESS: 50µm.

| ITEM | MATERIAL      | DESCRIPTION |
|------|---------------|-------------|
| 1    | FERRITE       | BLACK       |
| 2    | FLEX          | BLACK       |
| 3    | TWISTED PAIR  | BLACK       |
| 4    | TWISTED PAIR  | RED         |
| 5    | CONNECTOR     | BLACK       |
| 6    | RELEASE PAPER | YELLOW      |

|                        |      |         |       |
|------------------------|------|---------|-------|
| KC                     | 1    | 03JUL25 | --    |
| NAME                   | ISS. | DATE    | CN/CO |
| APPROVED: WALKER/MEIZY |      |         |       |
| CHECKED: THIRI         |      |         |       |
| DRAWN: KC              |      |         |       |

**HARWIN**  
www.harwin.com

TOLERANCES  
X. =  $\pm 1$ mm  
X.X =  $\pm 0.50$ mm  
X.XX =  $\pm 0.20$ mm  
X.XXX =  $\pm 0.01$ mm  
ANGLES =  $\pm 5^\circ$   
UNLESS STATED

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MATERIAL & FINISH:

TITLE:  
NFC COIL WITH AWG28 WIRE AND CONNECTOR

DRAWING NUMBER:  
MMANT-1500704-UF-000

SHT  
1  
OF  
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