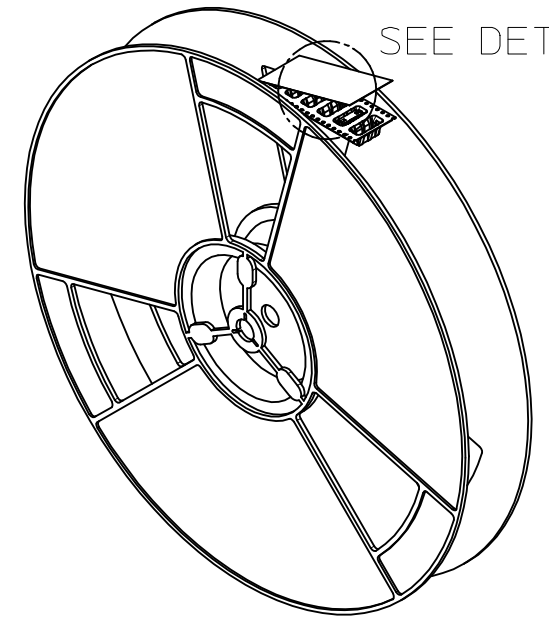
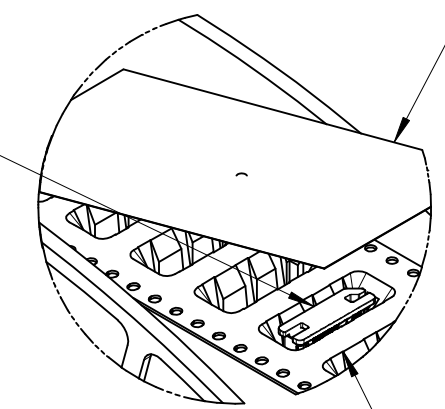


LOADED REELS (QTY 4)  
SEE SHEET 2 FOR P/N'S



SEE DETAIL 2

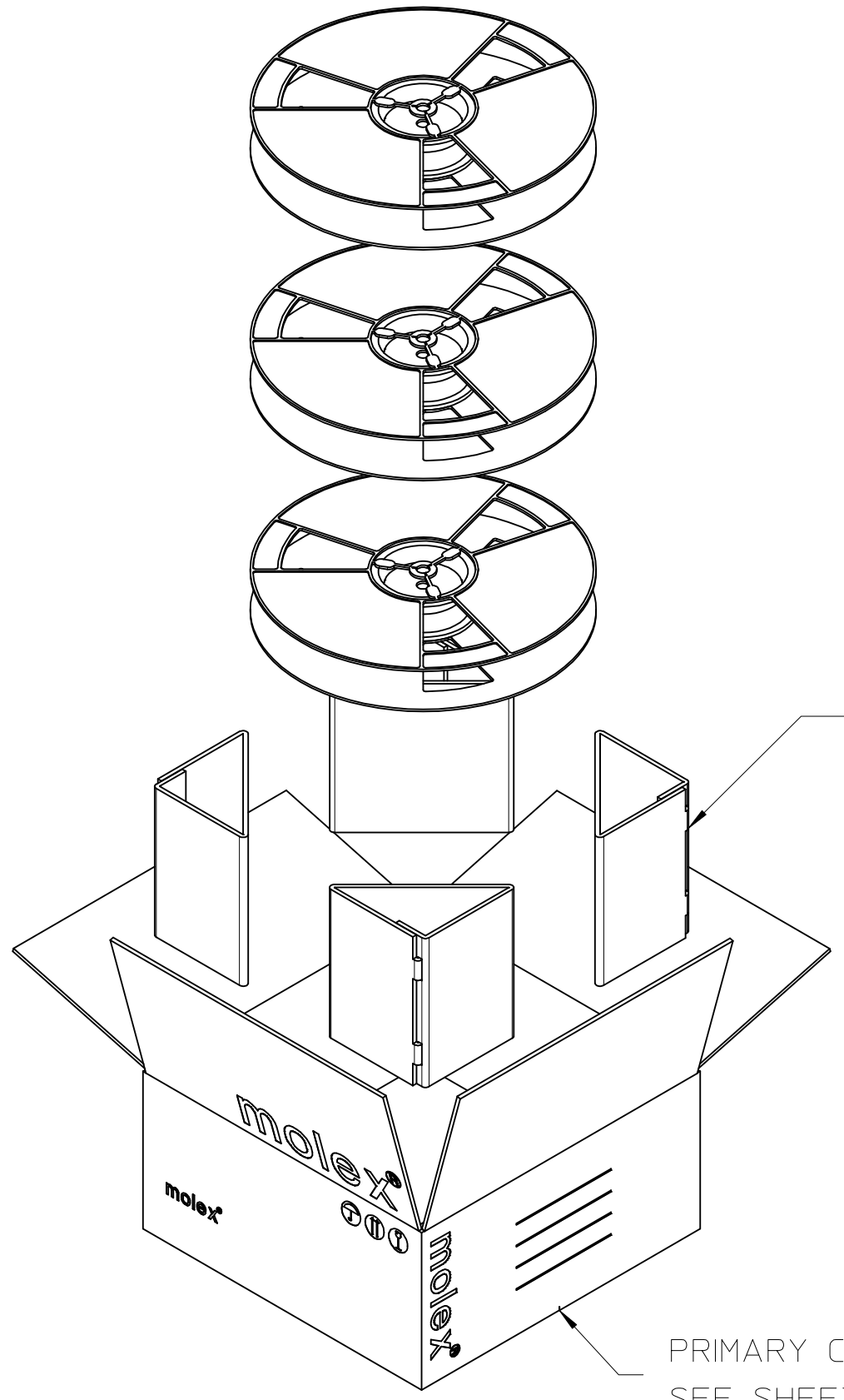
NANOPITCH CONNECTOR  
SEE SHEET 2 FOR P/N'S



DETAIL 2  
SCALE 1:1

COVER TAPE  
SEE SHEET 2 FOR P/N'S

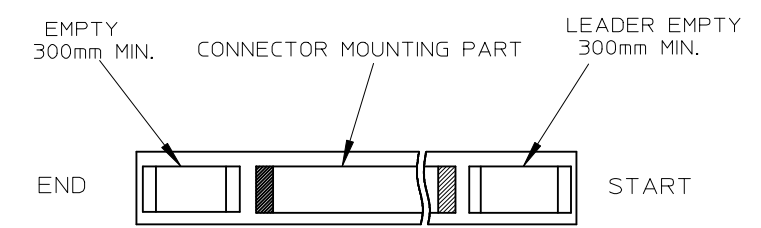
CARRIER TAPE  
SEE SHEET 2 FOR P/N'S



CARD BOARD SPACER (QTY 4)  
SEE SHEET 2 FOR P/N'S

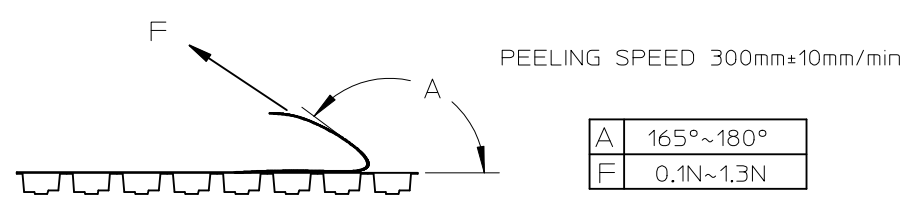
PRIMARY CARTON (QTY 1)  
SEE SHEET 2 FOR P/N'S

USER DIRECTION OF FEED



USER DIRECTION OF FEED

Cover Tape peeling force



NOTES:

- PACKAGING MATERIALS:  
CARRIER TAPE - CLEAR POLYSTYRENE  
COVER TAPE - TRANSPARENT POLYETHYLENE  
REEL - WHITE HIGH IMPACT POLYSTYRENE  
SPACERS & CARTON - CORRUGATED FIBERBOARD
- REFER TO EIA STANDARDS 481-D FOR ALL ITMES NOT COVERED BY THIS PACKAGING SPECIFICATION.
- COVER TAPE MUST NOT EXTEND OVER THE EDGES OF THE EMBOSSED CARRIER TAPE OR COVER ANY PART OF THE SPROCKET HOLES.
- ADJACENT LAYERS OF TAPE MUST NOT STICK TOGETHER WHEN BEING UNWOUND FROM THE CARRIER REEL.
- THE COVER TAPE MUST BE SEALED TO THE EMBOSSED CARRIER TAPE BY USING PRESSURE AND HEAT TO SECURELY ATTACH THE TWO. REFER TO NOTE 9.
- EACH REEL MUST HAVE A LABEL AFFIXED WITH THE FOLLOWING INFORMATION: MOLEX PART NUMBER, QUANTITY, AND DATE CODE.
- COMPONENT PACKAGING MATERIALS (COVER TAPE, EMBOSSED CARRIER TAPE, AND CARRIER REEL) ARE STATIC DISSIPATIVE.
- ABSOLUTELY NO TAPE SPLICES ARE PERMITTED ON FINISHED REELS.
- THE COVER TAPE MUST HAVE A PEEL STRENGTH BETWEEN 10 AND 130 GRAMS WHEN PULLED OPPOSITE THE DIRECTION OF CARRIER TAPE TRAVEL SUCH THAT THE COVER TAPE MAKES AN ANGLE OF 165° TO 180° AS SHOWN IN DETAIL.
- PACKAGING INTO CARTON:  
-BOTTOM OF CARTON TO HAVE LONG FLAPS SEALED WITH 2" WIDE CLEAR ADHESIVE TAPE EXTENDING 2" MINIMUM UP EACH END OF CARTON.  
-INSERT PROTECTIVE REEL INSERT INTO CARTON  
-LOAD REELS AND SPACERS AS SHOWN  
-CLOSE FLAPS AND SEAL LONG FLAPS WITH 2" WIDE ADHESIVE TAPE WITH TAPE EXTENDING 2" MINIMUM DOWN EACH END OF CARTON.  
-ADD REQUIRED LABELS TO CARTON.

|   |   |                                       |   |                            |                                |   |                        |                        |  |
|---|---|---------------------------------------|---|----------------------------|--------------------------------|---|------------------------|------------------------|--|
| UPDATE TABLE<br>EC NO: UCP2017-1371<br>TDRWN:SVANG01 2016/12/07<br>CHKD:MJANTELEZ10 2016/12/07<br>APPR:SMILLER 2016/12/21 | QUALITY SYMBOLS   | GENERAL TOLERANCES (UNLESS SPECIFIED) |   | DIMENSION STYLE<br>MM ONLY |                                | SCALE<br>1:6                                      | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |  |
|   | $\nabla \text{A} = 0$<br>$\nabla \text{E} = 0$<br>$\nabla \text{F} = 0$ | mm                                    | INCH  | DRAWN BY<br>BJANOWIAK      | DATE<br>2015/05/14             | TITLE<br>PACKAGING SPECIFICATION<br>NANOPITCH I/O |                        |                        |  |
|   |   | 4 PLACES ± ---                        | ± ---   | CHECKED BY                 | DATE                           |   |                        |                        |  |
|   |   | 3 PLACES ± 0.13                       | ± ---   | APPROVED BY<br>MBANAKIS    | DATE<br>2015/07/21             |   |                        |                        |  |
|   | 2 PLACES ± 0.25   | ± ---                                 | MATERIAL NO.<br>SEE CHART   |                            | DOCUMENT NO.<br>PK-173307-0001 | SHEET NO.<br>1 OF 2                               |                        |                        |  |
|   | 1 PLACE ± ---   | ± ---                                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                            |                                |   |                        |                        |  |
|   | 0 PLACE ± ---   | ± ---                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                                |   |                        |                        |  |

| PART NUMBER | DESCRIPTION                 | CIRCUIT SIZE | PARTS PER REEL | PARTS PER CARTON | EMBOSSED CARRIER TAPE | CARRIER TAPE DRAWING | COVER TAPE NUMBER | REEL NUMBER | SPACER     | CARTON     |
|-------------|-----------------------------|--------------|----------------|------------------|-----------------------|----------------------|-------------------|-------------|------------|------------|
| 171983-0142 | VERT FIXED SMT              | 42           | 500            | 2000             | 173307-0001           | PK-173307-0011       | 89499-0122        | 88596-0355  | 88596-0835 | 88596-0363 |
| 171983-2042 | VERTICAL FIXED TH           | 42           | 490            | 1960             | 173307-0002           | PK-173307-0012       | 89499-0122        | 88596-0355  | 88596-0835 | 88596-0363 |
| 171983-2342 | VERTICAL FIXED TH - NATURAL | 42           | 490            | 1960             | 173307-0002           | PK-173307-0012       | 89499-0122        | 88596-0355  | 88596-0835 | 88596-0363 |
| 171982-0142 | RA FIXED SMT                | 42           | 700            | 2800             | 173307-0005           | PK-173307-0005       | 89499-0122        | 88596-0355  | 88596-0835 | 88596-0363 |
| 171982-1142 | RA FIXED TH SMT             | 42           | 450            | 1800             | 173307-0006           | PK-173307-0006       | 89499-0121        | 88596-0355  | 88596-0835 | 88596-0363 |
| 172154-0142 | STRAD FREE HSG              | 42           | 700            | 4200             | 173307-0009           | PK-173307-0009       | 88596-1747        | 88569-0353  | 88596-0835 | 88596-0363 |
| 172470-0042 | VERT FREE HSG               | 42           | 650            | 3250             | 70180-3015            | PK-173307-0023       | 89499-0121        | 88596-0354  | 88596-0835 | 88596-0363 |
| 171983-3042 | VERT FIXED SMT XD           | 42           | 330            | 1320             | 173307-0022           | PK-173307-0022       | 89499-0122        | 88569-0355  | 88596-0835 | 88596-0363 |
| 173162-0131 | RA FIXED SMT                | 80           | 700            | 2100             | 173307-0007           | PK-173307-0007       | 89499-0123        | 88596-0356  | 88596-0833 | 88596-0363 |
| 173162-0132 | RA FIXED TH SMT             | 80           | 450            | 1350             | 173307-0008           | PK-173307-0008       | 89499-0123        | 88596-0356  | 88596-0833 | 88596-0363 |
| 173162-0338 | VERT FIXED SMT XD           | 80           | 330            | 990              | 173307-0023           | PK-173307-0023       | 88596-0123        | 88596-0356  | 88596-0833 | 88596-0363 |
| 173162-0332 | VERTICAL FIXED TH           | 80           | 530            | 2120             | 173307-0004           | PK-173307-0004       | 88596-0123        | 88596-0356  | 88596-0833 | 88596-0363 |
| 173162-0333 | VERT FIXED SMT              | 80           | 500            | 1500             | 173307-0003           | PK-173307-0013       | 88596-0123        | 88596-0356  | 88596-0833 | 88596-0363 |
| 173162-0334 | VERTICAL FIXED TH           | 80           | 450            | 1350             | 173307-0004           | PK-173307-0004       | 88596-0123        | 88596-0356  | 88596-0833 | 88596-0363 |

|   |  |  |   |   |                        |                        |
|---|--|--|---|---|------------------------|------------------------|
| SEE SHEET 1<br>EC NO: UCP2017-1371<br>DRWN: SVANG01 2016/12/07<br>CHKD: M.JANREI@ZHO<br>APPR: SMILLER | QUALITY SYMBOLS                              | GENERAL TOLERANCES (UNLESS SPECIFIED)  | DIMENSION STYLE<br>MM ONLY                                      | SCALE<br>2:1                                      | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |
|   | $\nabla = 0$<br>$\nabla = 0$<br>$\nabla = 0$ | mm    INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>0 PLACE ± --- ± --- | DRAWN BY: BJANOWIAK    DATE: 2015/05/14<br>CHECKED BY:    DATE: | TITLE<br>PACKAGING SPECIFICATION<br>NANOPITCH I/O |                        |                        |
|   |  | ANGULAR ±1/2°  | APPROVED BY: MBANAKIS    DATE: 2015/07/21                       |   |                        |                        |
|   |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   | MATERIAL NO.    DOCUMENT NO.    SHEET NO.                       |   |                        |                        |
|   |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION      |   |   |                        |                        |