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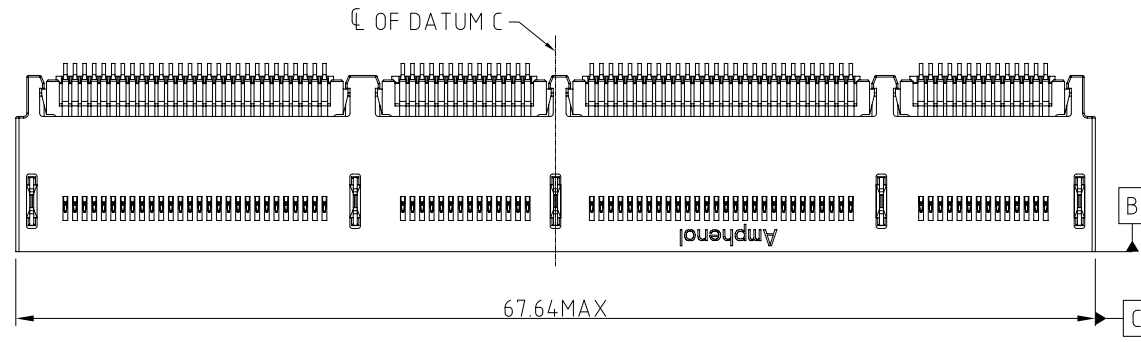
# CUSTOMER DRAWING

## REVISIONS

| SYM | ECN    | DESCRIPTION                      | DATE        | APPROVED |
|-----|--------|----------------------------------|-------------|----------|
| 2   | CDXXXX | ADD MATING CARD                  | May.28,2018 | YH       |
| 3   | CDXXXX | UPDATED THE PIN NUMBER           | Jun.20,2018 | YH       |
| 4   | CDXXXX | REVISE THE BOARD LOCK LENGTH     | Jul.02,2018 | YH       |
| 5   | CDXXXX | REVISE THE BOARD LOCK LENGTH     | Aug.22,2018 | YH       |
| 6   | CDXXXX | REVISE THE DRAWING               | Sep.10,2018 | YH       |
| 7   | CDXXXX | UPDATED BY SFF TA 1002 REV 1.1.2 | Oct.12,2018 | YH       |
| 8   | CD1489 | UPDATED BY SFF TA 1002 REV 1.1.3 | Nov.08,2018 | YH       |
| 9   | CD1763 | ADD PAKCING                      | Jul.14,2019 | YH       |

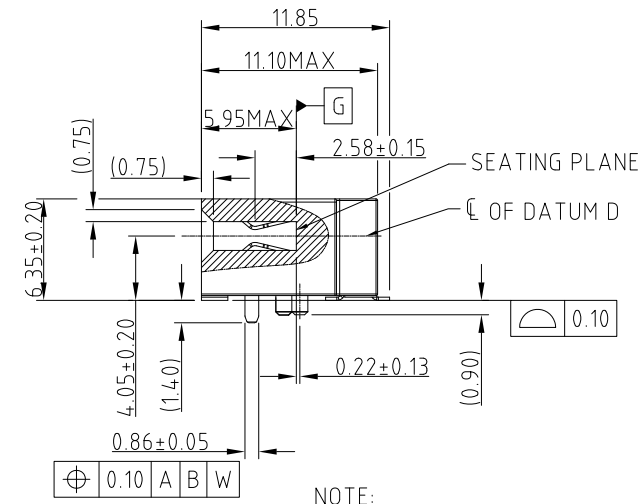
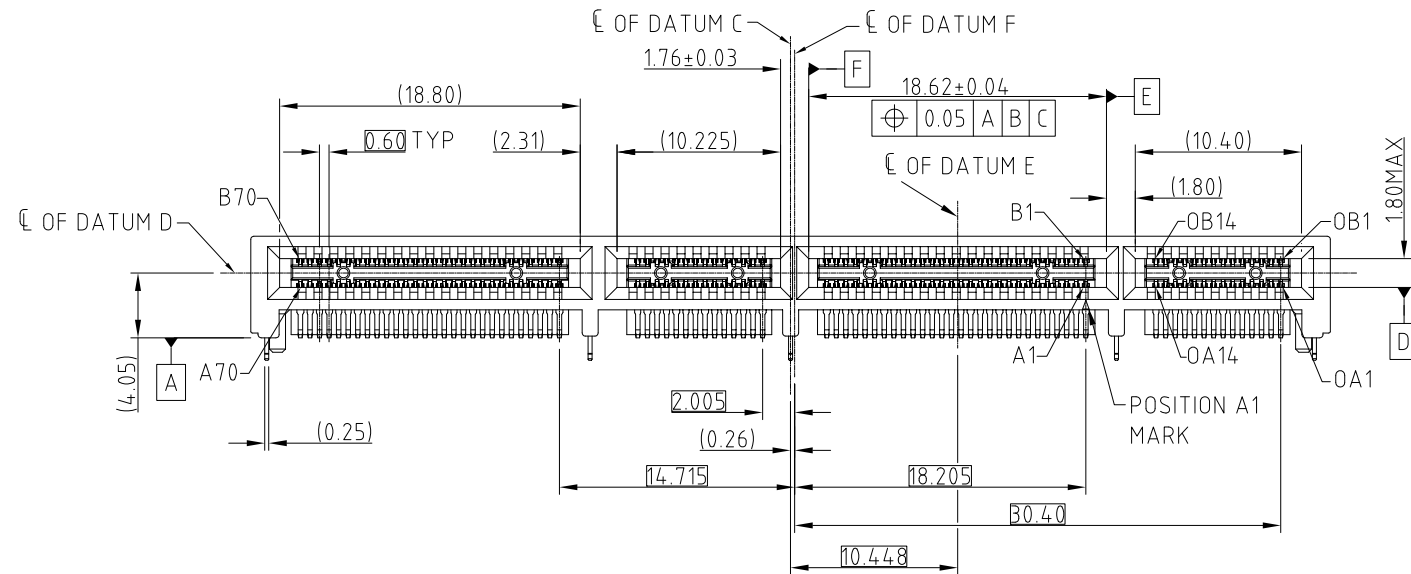
D

D



C

C



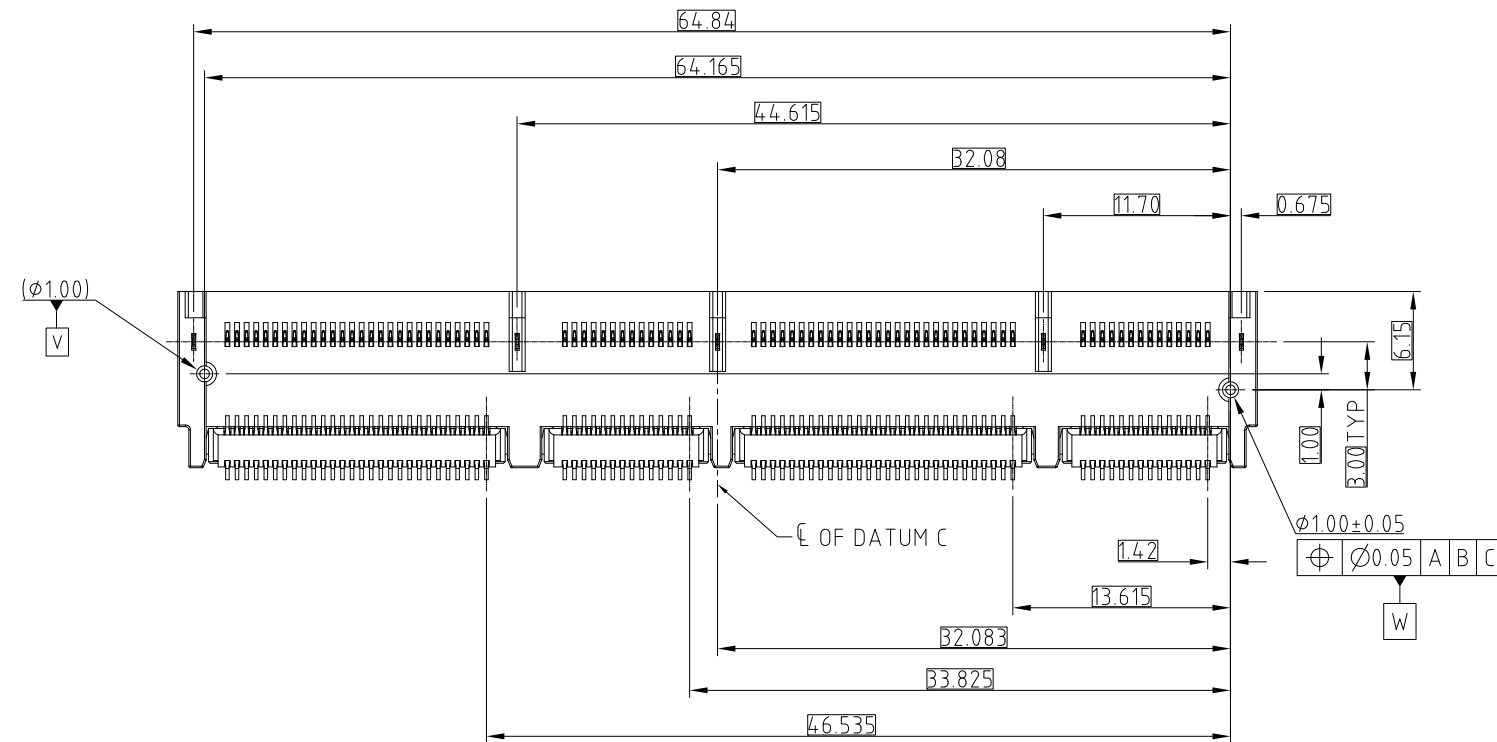
- NOTE:
- MATERIAL:**  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC BLACK UL94-V0  
CONTACT: COPPER ALLOY  
BOARD LOCK: COPPER ALLOY
  - PLATING:**  
CONTACT: MATING AREA: Au THICKNESS PLEASE REFER TO PN SYSTEM, 1.27-2.54 µm NICKEL UNDERPLATED  
SOLDER AREA: 1.27 µm MIN TIN OVER 1.27-2.54 µm NICKEL UNDERPLATED  
BOARD LOCK: 1.27 MIN TIN OVER 1.27-2.54µm NICKEL UNDERPLATED
  - ELECTRICAL PERFORMANCE:**  
RATED CURRENT: 1.1A/PIN UP TO 12PINS  
LLCR: DELTA 15 mΩ.  
INSULATION RESISTANCE: 1000MΩ MIN
  - DURABILITY:** 200 CYCLES.
  - MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# S-SN-002 AND S-SN-004**
  - ORDERING PN SYSTEM : ME101681020103X**



PLATING SPEC  
 1 0.76um Au  
 2 0.38um Au  
 3 GOLD FLASH  
 4 PaNi Au 0.76um+G/F

B

B



A

A

| UNLESS OTHERWISE SPECIFIED TOLERANCES |        |
|---------------------------------------|--------|
| U.S.                                  | METRIC |
| .X +/-                                | 0.25   |
| .XX +/-                               | 0.20   |
| .XXX +/-                              | 0.15   |
| FRACTIONS +/-                         |        |
| ANGLES +/-                            | 5°     |

| APPROVAL   |          | DATE                |  |
|--|----------|---------------------|--|
| DRAWN  | Teng.Cao | Jul.14,2019         |  |
| CHECKED  | Ly.Yi    | Jul.14,2019         |  |
| APPROVED   |          |                     |  |
| DRAWING FILE :<br>INTERNAL\DRAWING\ME\CME101681020103X             |          |                     |  |
| REMOVE SHARP EDGES   |          | ANGLE OF PROJECTION |  |
| <div style="display: flex; justify-content: space-around;"> </div> |          |                     |  |
| DIMENSIONS   |          |                     |  |
| —U.S.—   |          | INCHES              |  |
| (METRIC)   |          | (mm)                |  |

| Amphenol  |                   |      |
|---|-------------------|------|
| TITLE   |                   |      |
| MINI COOL EDGE CONNECTOR<br>168P R/A 0.6MM PITCH 4.05 |                   |      |
| SIZE  | DRAWING NO.       | REV. |
| A3  | C ME101681020103X | 9    |
| SCALE   | NONE SHEET 1 OF 3 |      |

4

3

2

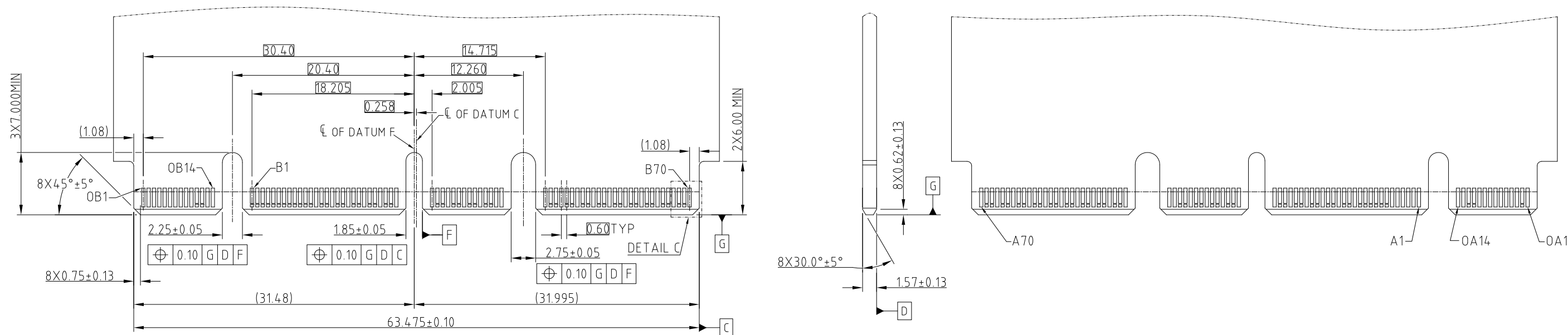
1

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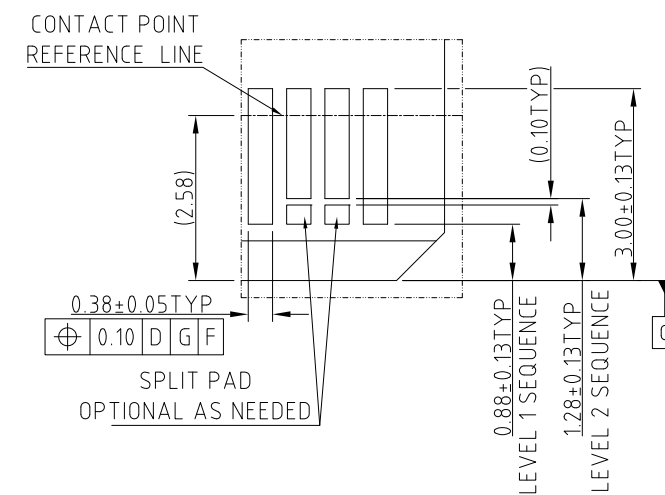
# CUSTOMER DRAWING

## REVISIONS

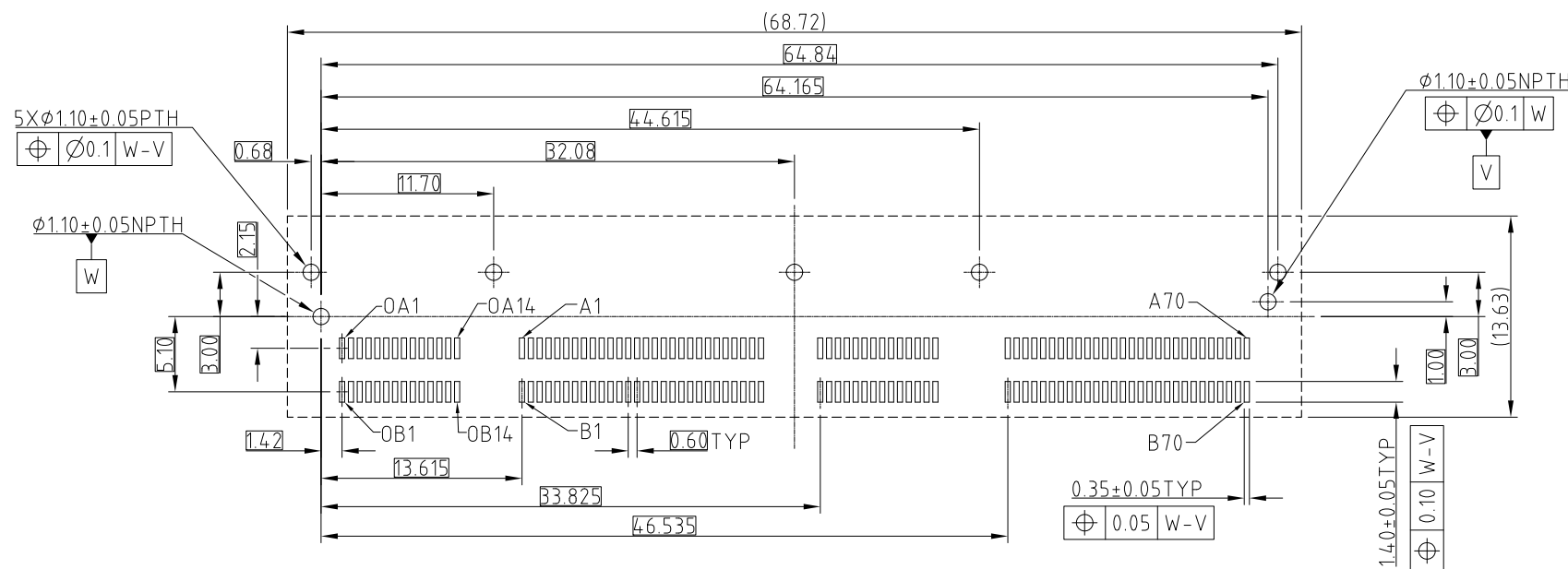
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
|-----|-----|-------------|------|----------|
|     |     | SEE SHEET 1 |      |          |



RECOMMENDED AIC MATING CARD



DETAIL C  
SCALE 4:1



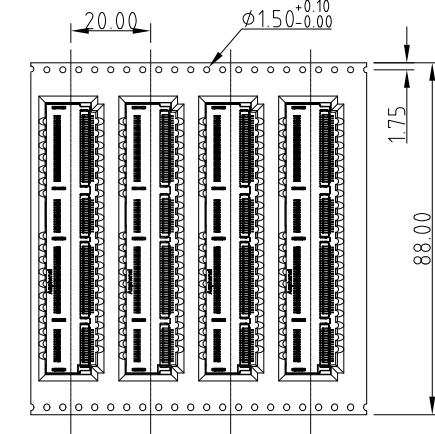
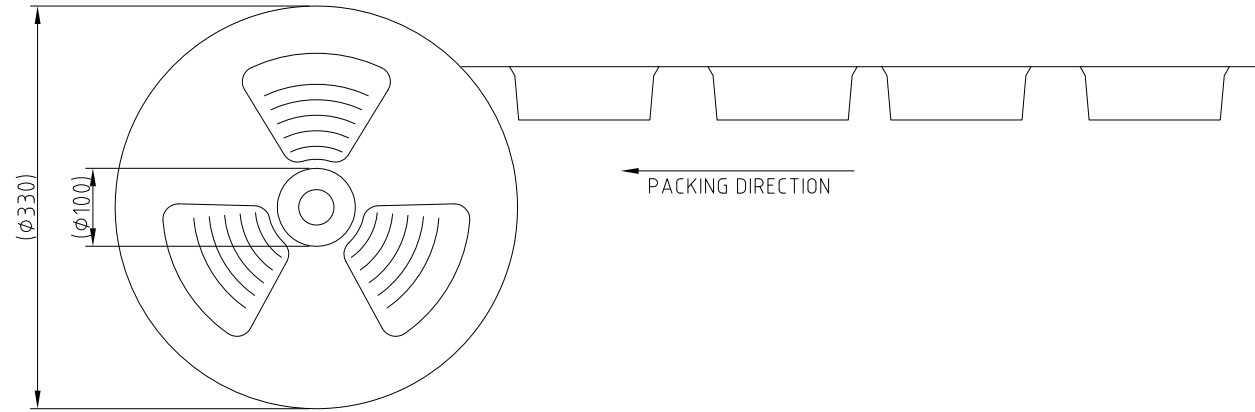
RECOMMENDED FOOTPRINT

| UNLESS OTHERWISE SPECIFIED TOLERANCES |             | APPROVAL                             | DATE     | Amphenol    |   |
|---------------------------------------|-------------|--------------------------------------|----------|-------------|---|
|                                       | U.S. METRIC | DRAWN                                | Teng.Cao |             |   |
| .X                                    | +/- 0.25    | CHECKED                              | Ly.Yi    | Jul.14,2019 | <b>TITLE</b><br>MINI COOL EDGE CONNECTOR<br>168P R/A 0.6MM PITCH 4.05 |
| .XX                                   | +/- 0.20    | APPROVED                             |          |             |   |
| .XXX                                  | +/- 0.15    |                                      |          |             |   |
| FRACTIONS +/- 5°                      |             | DRAWING FILE :                       |          |             | <b>SIZE</b> DRAWING NO. REV.<br>A3 C ME101681020103X 9                |
| FOR MATERIALS AND FINISHES SEE NOTES  |             | INTERNAL\DRAWING\ME\CME101681020103X |          |             | SCALE NONE SHEET 2 OF 3   |
| REMOVE SHARP EDGES                    |             | ANGLE OF PROJECTION                  |          |             |   |
| DIMENSIONS                            |             |                                      |          |             |   |
| —U.S.—                                | INCHES      |                                      |          |             |   |
| (METRIC)                              | (mm)        |                                      |          |             |   |

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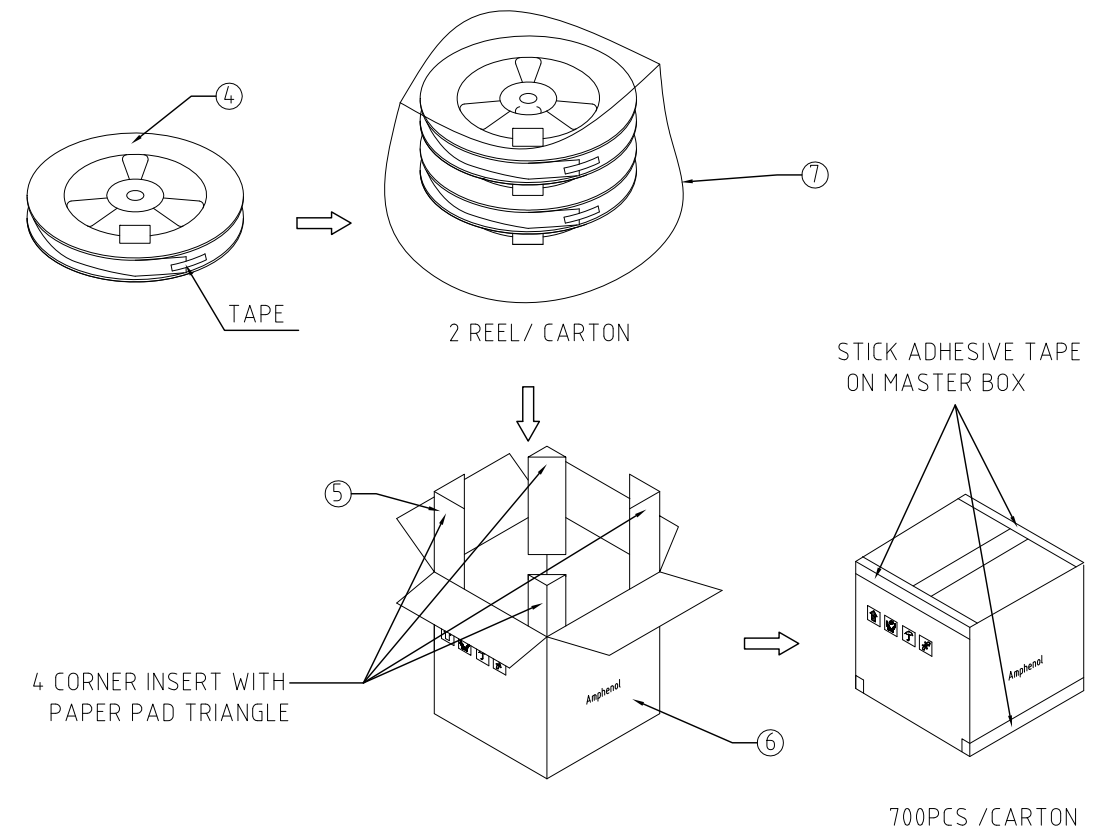
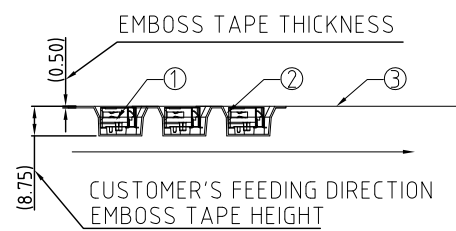
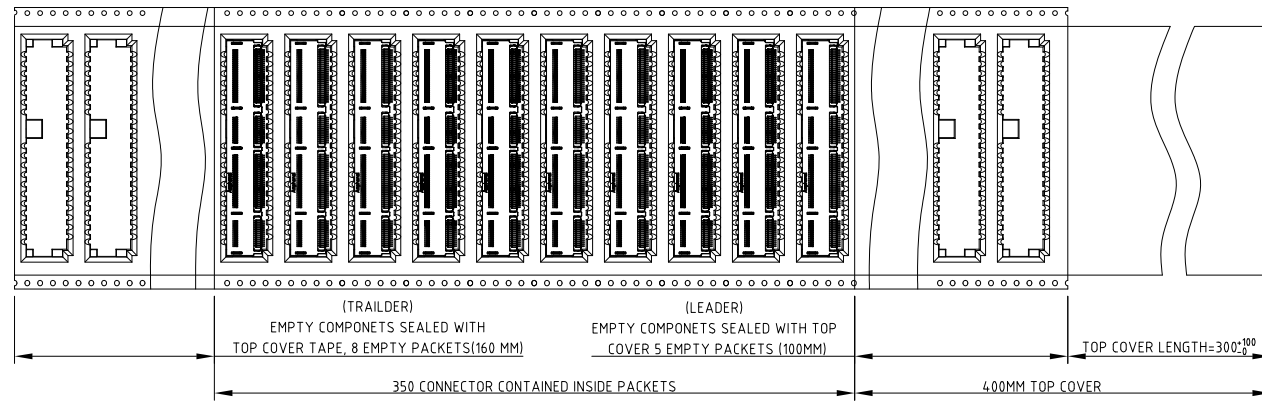
# CUSTOMER DRAWING

| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| SYM       | ECN | DESCRIPTION | DATE | APPROVED |
|           |     | SEE SHEET 1 |      |          |



SEE DETAIL A

CUSTOMER'S FEEDING DIRECTION



THIS PAGE FOR REFERENCE ONLY

| ITEM | DESCRIPTION        | MATERIAL              |
|------|--------------------|-----------------------|
| 7    | PLASTIC BAG        |                       |
| 6    | PAPER PAD TRIANGLE | CORRUGATED FIBERBOARD |
| 5    | MASTER BOX         | CORRUGATED FIBERBOARD |
| 4    | PP REEL            | PP                    |
| 3    | TOP COVER TAPE     | PET                   |
| 2    | EMBOSS TAPE        | POLYSTYRENE           |
| 1    | Connector          |                       |



| UNLESS OTHERWISE SPECIFIED TOLERANCES |        |
|---------------------------------------|--------|
| U.S.                                  | METRIC |
| .X +/-                                | 0.25   |
| .XX +/-                               | 0.20   |
| .XXX +/-                              | 0.15   |
| FRACTIONS +/-                         | 5°     |
| ANGLES +/-                            |        |

| APPROVAL                             |          | DATE        |
|--------------------------------------|----------|-------------|
| DRAWN                                | Teng.Cao | Jul.14,2019 |
| CHECKED                              | Ly.Yi    | Jul.14,2019 |
| APPROVED                             |          |             |
| DRAWING FILE :                       |          |             |
| INTERNAL\DRAWING\ME\CME101681020103X |          |             |
| ANGLE OF PROJECTION                  |          |             |
|                                      |          |             |

|  |                   |              |
|--|-------------------|--------------|
| <b>Amphenol</b>  |                   |              |
| TITLE<br>MINI COOL EDGE CONNECTOR<br>168P R/A 0.6MM PITCH 4.05 |                   |              |
| SIZE   | DRAWING NO.       | REV.         |
| A3   | C ME101681020103X | 9            |
| SCALE  | NONE              | SHEET 3 OF 3 |