

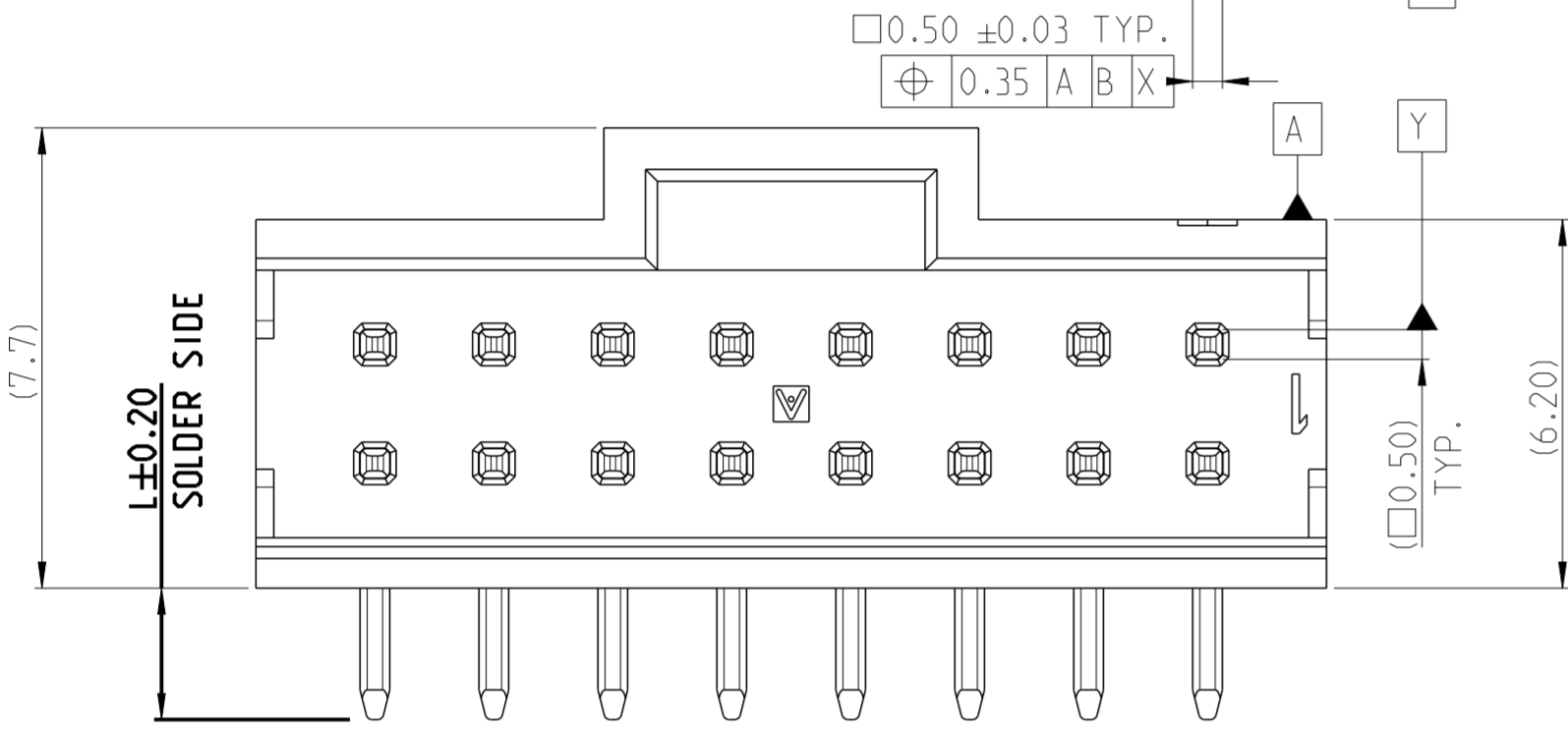
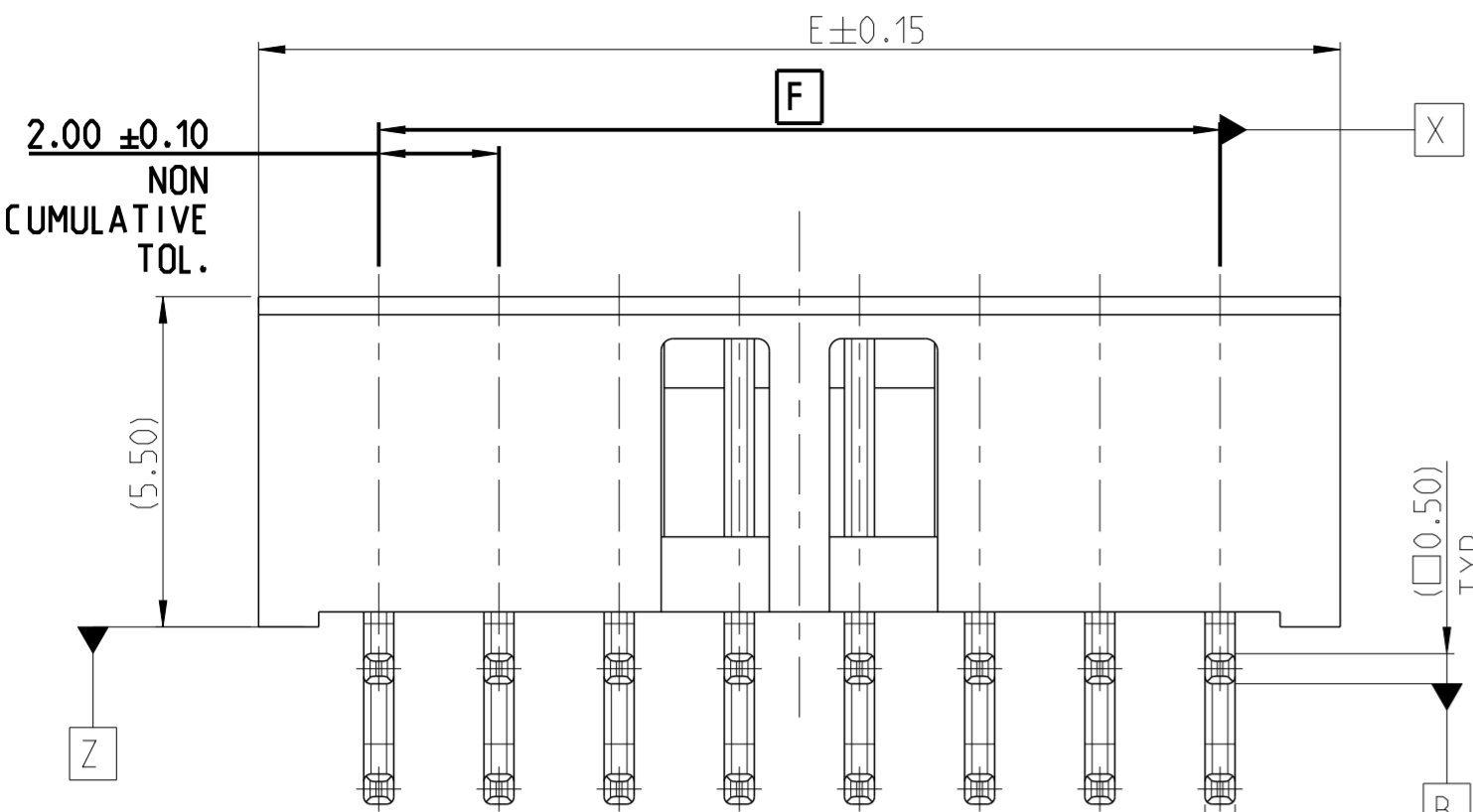
| REVISIONS |     |                       |           |     |      |
|-----------|-----|-----------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION           | DATE      | DWN | APVD |
|           | A   | RELEASE TO PRODUCTION | 20SEP2022 | DK  | PS   |
|           |     |                       |           |     |      |
|           |     |                       |           |     |      |
|           |     |                       |           |     |      |

D

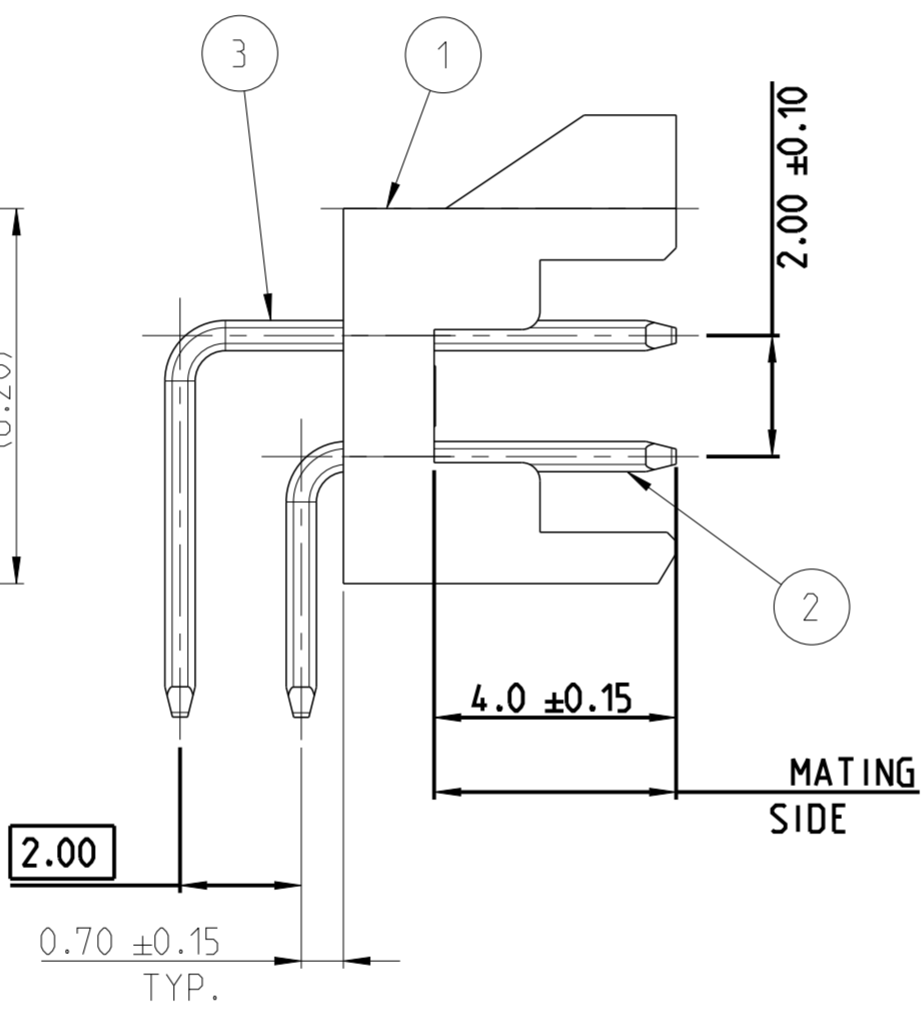
C

B

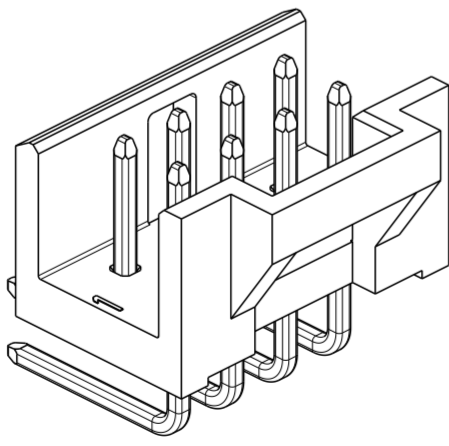
A



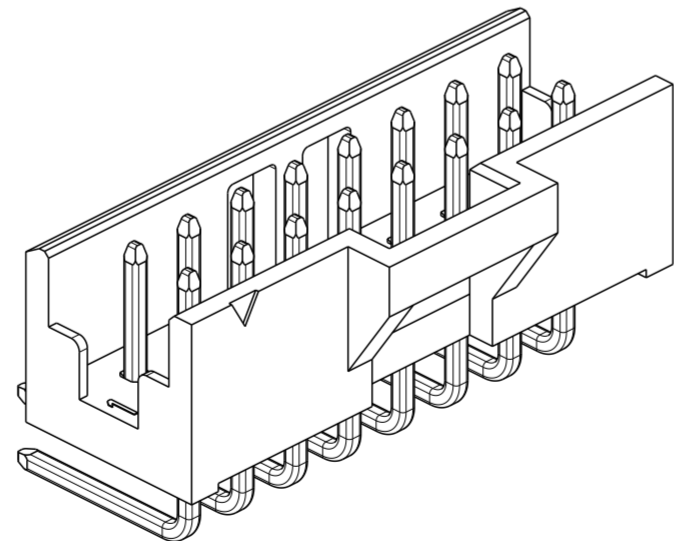
|             |      |
|-------------|------|
| POST 2      | 3    |
| POST 1      | 2    |
| HOUSING     | 1    |
| DESCRIPTION | ITEM |



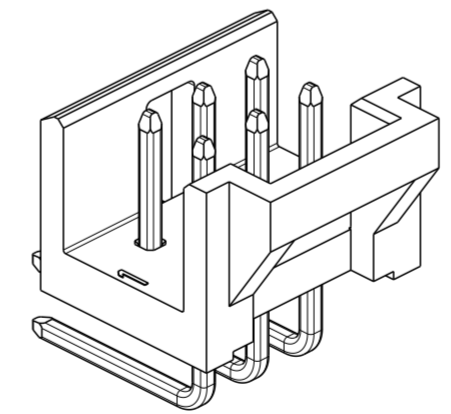
|         |         |                        |
|---------|---------|------------------------|
| 30      | 34      | 32                     |
| 28      | 32      | 30                     |
| 26      | 30      | 28                     |
| 24      | 28      | 26                     |
| 22      | 26      | 24                     |
| 20      | 24      | 22                     |
| 18      | 22      | 20                     |
| 16      | 20      | 18                     |
| 14      | 18      | 16                     |
| 12      | 16      | 14                     |
| 10      | 14      | 12                     |
| 8       | 12      | 10                     |
| 6       | 10      | 8                      |
| 4       | 8       | 6                      |
| DIM "F" | DIM "E" | POSITION PER CONNECTOR |



-8 AS SHOWN



1- -6 AS SHOWN



-6 AS SHOWN

NOTES:

1. MATERIAL  
HOUSING : HIGH TEMPERATURE THERMOPLASTIC, UL94-V0;COLOR- BLACK  
POST : PHOSPHOR BRONZE

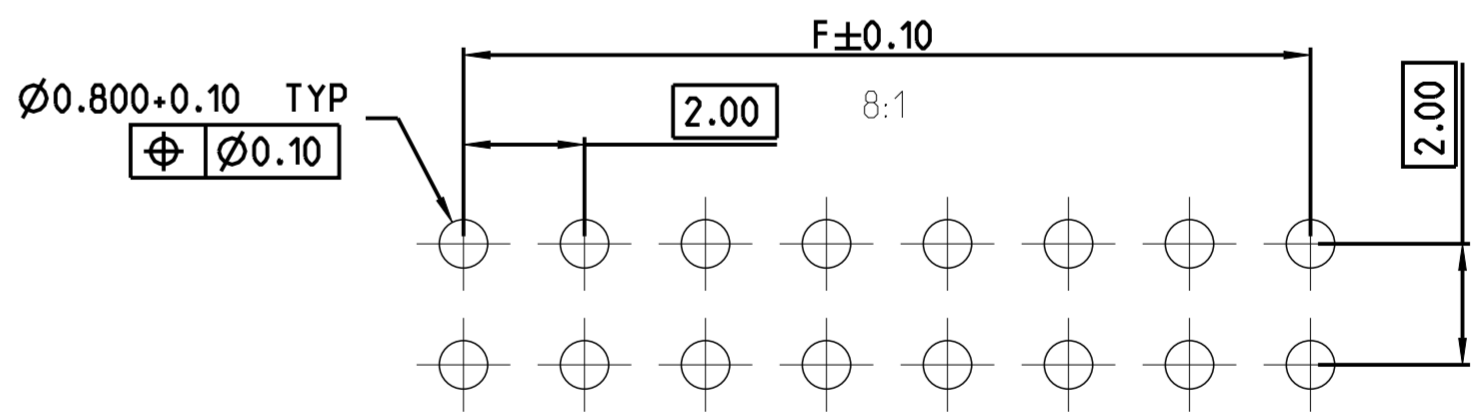
FINISH :

- 2 3 - 5  $\mu$ m TIN OVER MIN 1.27  $\mu$ m NICKEL UNDER PLATING
- 3 MATING SIDE: MIN 0.38  $\mu$ m GOLD OVER MIN 1.27  $\mu$ m NICKEL UNDER PLATING  
SOLDER SIDE: 4 - 6  $\mu$ m TIN OVER MIN 1.27  $\mu$ m NICKEL UNDER PLATING
- 4 MATING SIDE: MIN 0.76  $\mu$ m GOLD OVER MIN 1.27  $\mu$ m NICKEL UNDER PLATING  
SOLDER SIDE: 4 - 6  $\mu$ m TIN OVER MIN 1.27  $\mu$ m NICKEL UNDER PLATING
5. FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HSP-D\_\_-HT-\_\_-\_\_-\_\_). REFER SHEET 2 NOMENCLATURE.



FOR EXAMPLE: 2MM-HSP-D03-HT-01-T-TB = 6 POSITION.  
2MM-HSP-D16-HT-01-T-TB = 32 POSITION.

6. PACKAGING: A. TAPE & REEL WITHOUT (W/O) CAP.  
B. TUBE WITHOUT (W/O) CAP.  
C. BOX (W/O) CAP.

- 7 PART NUMBER AVAILABLE UPON CUSTOMER REQUEST.



RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE

|   |  |   |  |   |  |                           |  |                         |  |
|---|--|---|--|---|--|---------------------------|--|-------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN<br>R R NAYAK<br>27JUN2016   |  |  TE Connectivity |  |                           |  |                         |  |
| DIMENSIONS:<br>mm   |  | CHK<br>KARTHIK J K<br>27JUN2016   |  |   |  |                           |  |                         |  |
|  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                  |  | NAME<br>AMPMODU 2mm SHROUDED MTE HEADER<br>DUAL ROW ,RIGHT ANGLE                                      |  |                           |  |                         |  |
|   |  | 0 PLC ±<br>1 PLC ±0.1<br>2 PLC ±0.05<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±° |  |   |  |                           |  |                         |  |
| MATERIAL<br>SEE NOTES<br>-  |  | FINISH<br>SEE NOTES<br>-  |  | PRODUCT SPEC<br>108-64040   |  | APPLIC. SPEC<br>114-64040 |  | RESTRICTED TO<br>-      |  |
| CUSTOMER DRAWING  |  |   |  | SIZE<br>A2  |  | CAGE CODE<br>00779        |  | DRAWING NO<br>C=2823224 |  |
|   |  |   |  | SCALE<br>8:1  |  | SHEET<br>1 OF 2           |  | REV<br>A                |  |

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

TE CONNECTIVITY

ALL RIGHTS RESERVED.

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

SMART PART NUMBER

2MM - HSP - D - HT - - - -

PRODUCT SERIES

2MM

AMPMODU 2mm series

GENDER / TYPE

HSP

Shrouded headers for positive latch

NUMBER OF ROWS

D

Double row

NUMBER OF PINS PER ROW

XX

03 through 16 (enter two digits)

ORIENTATION & TERMINATION

HT

Horizontal through hole

PACKAGING

|    |                           |
|----|---------------------------|
| TB | Tube without cap          |
| TR | Tape and reel without cap |
| BX | Box                       |

PLATING

|   |             |
|---|-------------|
| T | Tin         |
| M | 0.38µm Gold |
| H | 0.76µm Gold |

TAIL LENGTH (L)

|    |        |
|----|--------|
| 01 | 2.2 mm |
| 02 | 2.8 mm |

SMART PN EXAMPLES :

1. AMPMODU 2MM, SHROUDED HEADER CENTER LATCH VERSION , DOUBLE ROW , 03 POSITION PER ROW , RIGHT ANGLE MOUNT, 2.2MM SOLDER TAIL LENGTH, TIN PLATING, TUBE W/O CAP  
2MM-HSP-D03-HT-01-T-TB

2. AMPMODU 2MM, SHROUDED HEADER CENTER LATCH VERSION, DOUBLE ROW , 16 POSITION PER ROW , RIGHT ANGLE MOUNT, 2.8MM SOLDER TAIL LENGTH, 0.76µm GOLD PLATING, BOX PACKAGING  
2MM-HSP-D16-HT-02-H-BX

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±0.1  
2 PLC ±0.05  
3 PLC ±  
4 PLC ±  
ANGLES ±°  
FINISH

MATERIAL

SEE NOTES

-

DWN R R NAYAK 27JUN2016

CHK KARTHIK J K 27JUN2016

APVD PRASHANTH S 27JUN2016

PRODUCT SPEC 108-64040

APPLICATION SPEC 114-64040

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME AMPMODU 2mm SHROUDED MTE HEADER DUAL ROW ,RIGHT ANGLE

SIZE A2

CAGE CODE 00779

DRAWING NO C=2823224

RESTRICTED TO -

SCALE 1:1 SHEET 2 OF 2 REV A

1471-9 (3/13)