

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

2 3 - 5  $\mu$ m TIN OVER MIN 1.27  $\mu$ m NICKEL UNDER PLATING

3 MATING SIDE: MIN. 0.1μm GOLD OVER MIN 1.27μm NICKEL UNDER PLATING  
SOLDER SIDE: 4 - 6μm TIN OVER MIN 1.27μm NICKEL UNDER PLATING

4 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

5 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

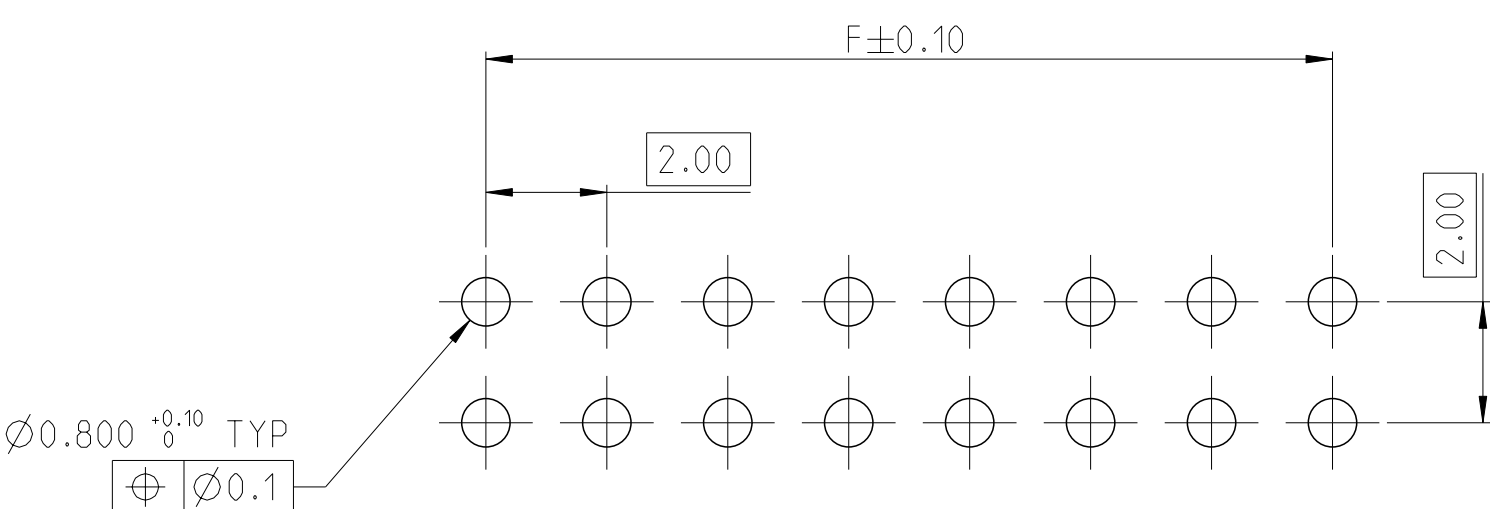
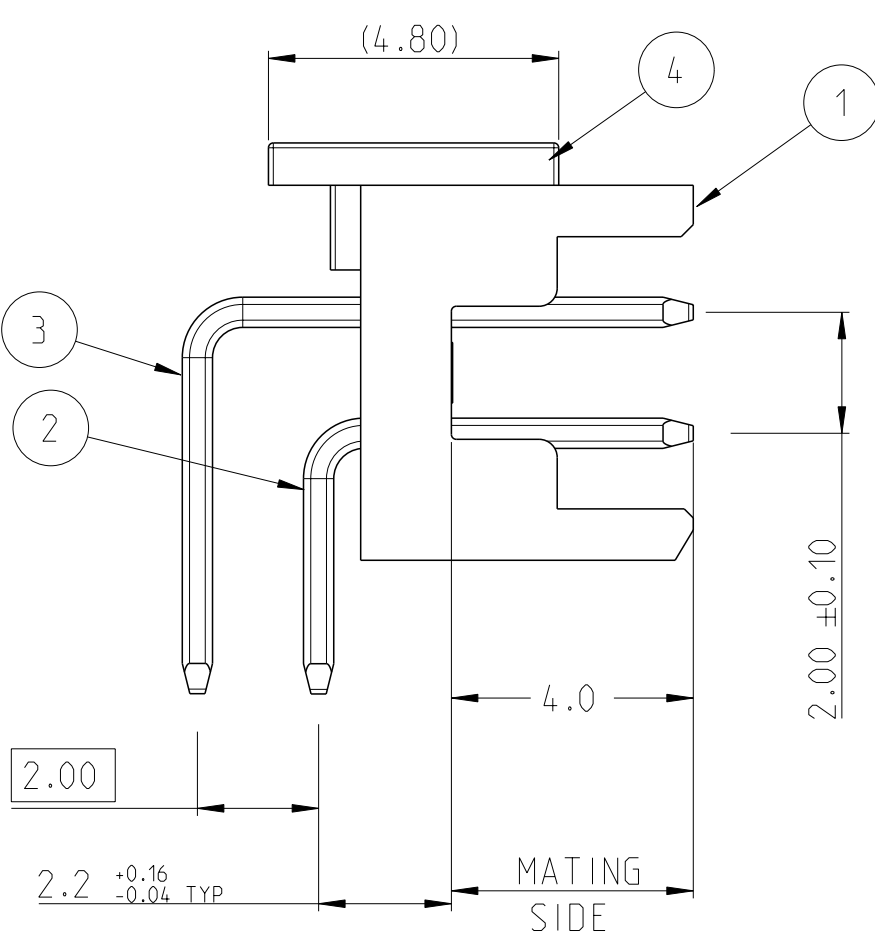
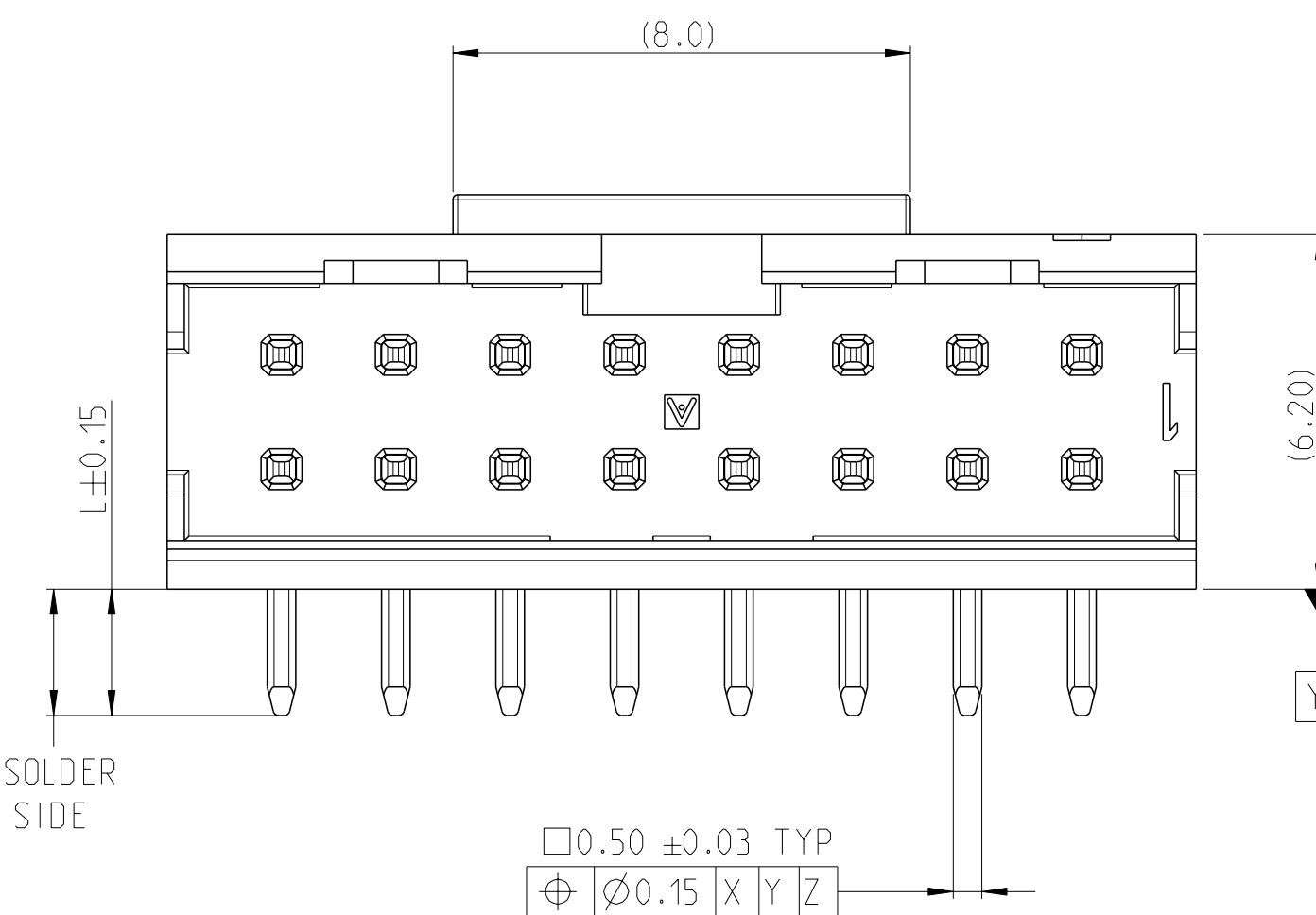
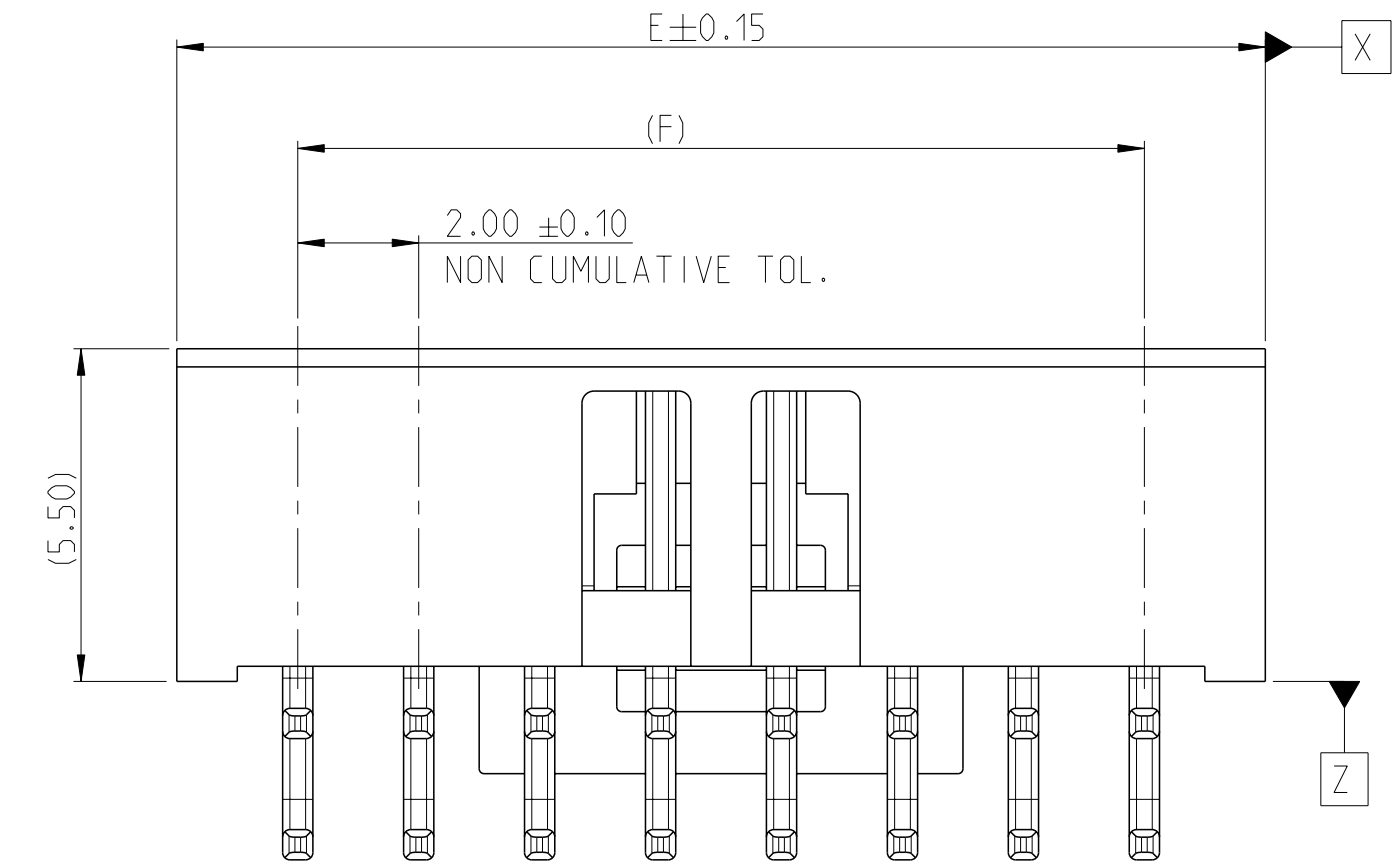
6. FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HSD-D\_\_-HT-\_\_-\_\_-\_\_). REFER SHEET 3 NOMENCLATURE.

FOR EXAMPLE: 2MM-HSD-D02-HT-01-T-TB = 4 POSITION.  
2MM-HSD-D25-HT-01-T-TB = 50 POSITION.

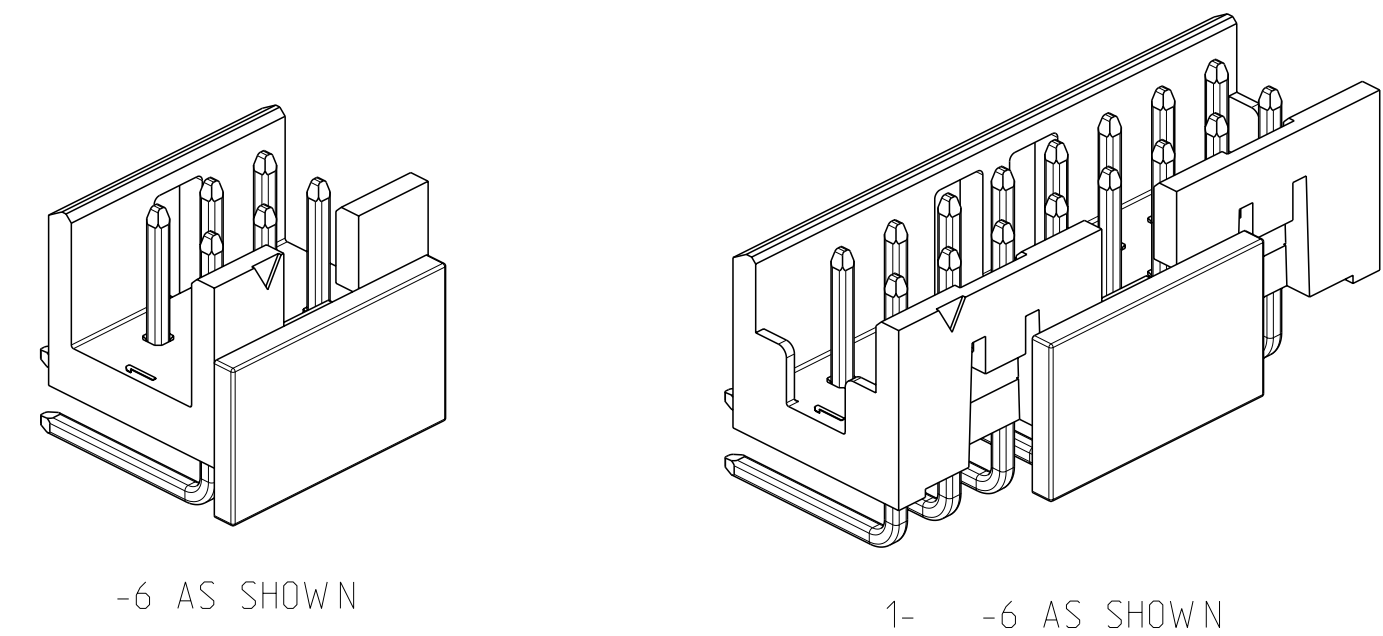
7. PACKAGING: A. TAPE & REEL WITH (W /) CAP.

B. TUBE WITH (W /) AND WITHOUT (W /O) CAP.

C. BOX (W/O) CAP.



## RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE



|             |      |
|-------------|------|
| CAP         | 4    |
| POST 2      | 3    |
| POST 1      | 2    |
| HOUSING     | 1    |
| DESCRIPTION | ITEM |

|                                                                                       |  |                                                                                                                                  |  |                                                                                                       |           |            |               |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN 11FEB2016<br>RAKSHITH NAYAK<br>CHK 01APR2016<br>KARTHIK J K<br>APVD 01APR2016<br>PRASHANTH S                                 |  |  TE Connectivity |           |            |               |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br><br>0 PLC ±<br>1 PLC ±0.1<br>2 PLC ±0.05<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±2°<br>FINISH |  | NAME<br>AMPMODU 2mm SHROUDED HEADER,<br>DUAL ROW, RIGHT ANGLE                                         |           |            |               |
|  |  | PRODUCT SPEC<br>108-64040<br>APPLICATION SPEC<br>114-64040                                                                       |  | SIZE                                                                                                  | CAGE CODE | DRAWING NO | RESTRICTED TO |
| MATERIAL<br>SEE NOTES<br>-                                                            |  | WEIGHT<br>-                                                                                                                      |  | A2                                                                                                    | 00779     | C=2823351  | -             |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                                  |  | SCALE                                                                                                 | SHEET     |            | REV           |
|                                                                                       |  |                                                                                                                                  |  | 8:1                                                                                                   | 1 of 3    |            | A3            |



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 - HSD - D - HT - - - - -

PRODUCT SERIES

2MM AMPMODU 2mm series

GENDER / TYPE

HSD Shrouded headers for detent latch

NUMBER OF ROWS

D Double row

NUMBER OF PINS PER ROW

XX 02 through 16,20,22,25 (enter two digits)

ORIENTATION & TERMINATION

HT Horizontal through hole

PACKAGING

|     |                        |   |
|-----|------------------------|---|
| TB  | Tube without cap       |   |
| TBP | Tube with cap          | 8 |
| TRP | Tape and reel with cap | 8 |
| BX  | Box                    | 9 |

PLATING

|   |                         |
|---|-------------------------|
| T | Tin                     |
| F | 0.1µm Gold (Gold flash) |
| M | 0.38µm Gold             |
| H | 0.76µm Gold             |

TAIL LENGTH

|    |        |
|----|--------|
| 01 | 2.2 mm |
| 02 | 2.8 mm |
| 03 | 3.4 mm |

SMART PN EXAMPLES :

1. AMPMODU 2MM, SHROUDED HEADER STD VERSION, DOUBLE ROW , 02 POSITION PER ROW , RIGHT ANGLE MOUNT, 2.2MM SOLDER TAIL LENGTH, TIN PLATING, TUBE W/O CAP  
2MM-HSD-D02-HT-01-T-TB

2. AMPMODU 2MM, SHROUDED HEADER STD VERSION, DOUBLE ROW , 25 POSITION PER ROW , RIGHT ANGLE MOUNT, 3.4MM SOLDER TAIL LENGTH, 0.76µm GOLD PLATING, BOX PACKAGING  
2MM-HSD-D25-HT-03-H-BX

THIS PRINT IS

PRELIMINARY

UNQUALIFIED PRODUCT  
CONTACT PRODUCT ENGINEERING  
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL  
SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.1

2 PLC ±0.05

3 PLC ±

4 PLC ±

ANGLES ±2°

FINISH

SEE NOTES

-

DWN 11FEB2016  
CHK 01APR2016  
APVD 01APR2016  
PRODUCT SPEC  
APPLICATION SPEC  
WEIGHT

RAKSHITH NAYAK

KARTHIK J K

PRASHANTH S

108-64040

114-64040

-

CUSTOMER DRAWING

SCALE 1:1

SHEET 3 OF 3

REV A3

TE Connectivity

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

AMPMODU 2mm SHROUDED HEADER,  
DUAL ROW , RIGHT ANGLE

A200779

C=2823351

-

1471-9 (3/13)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2-2823892-8](#)