

## REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	05OCT2018	RRN	PS
	A1	NOTE 9 ADDED	24JUN2021	DK	PS
	A2	T&R W/CAP AND TUBE W/CAP PACKAGING: NO PICK AND PLACE CAP FOR -4 POS.	02JUL2021	DK	PS
	A3	HOUSING CAVITY CORNER CHAMFER ADDED & CENTER STAND OFF REMOVED SMART PN NOMENCLATURE ADDED	07OCT2021	DK	PS

NOTES:

## 1. MATERIAL

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

FINISH :

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

△<sub>4</sub> MATING SIDE: MIN 0.38 μm GOLD OVER MIN 1.27 μm NICKEL UNDER PLATING  
SOLDER SIDE: 4 - 6 μm TIN OVER MIN 1.27 μm NICKEL UNDER PLATING

△5 MATING SIDE: MIN 0.76 μm GOLD OVER MIN 1.27 μm NICKEL UNDER PLATING  
SOLDER SIDE: 4 - 6 μm TIN OVER MIN 1.27 μm NICKEL UNDER PLATING

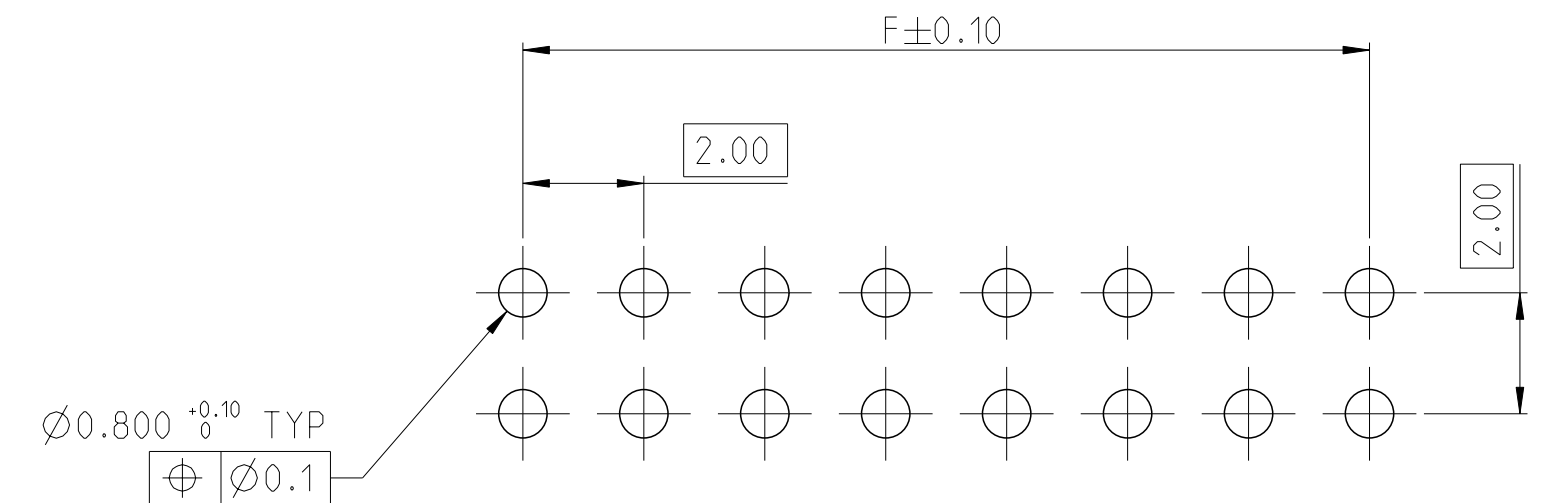
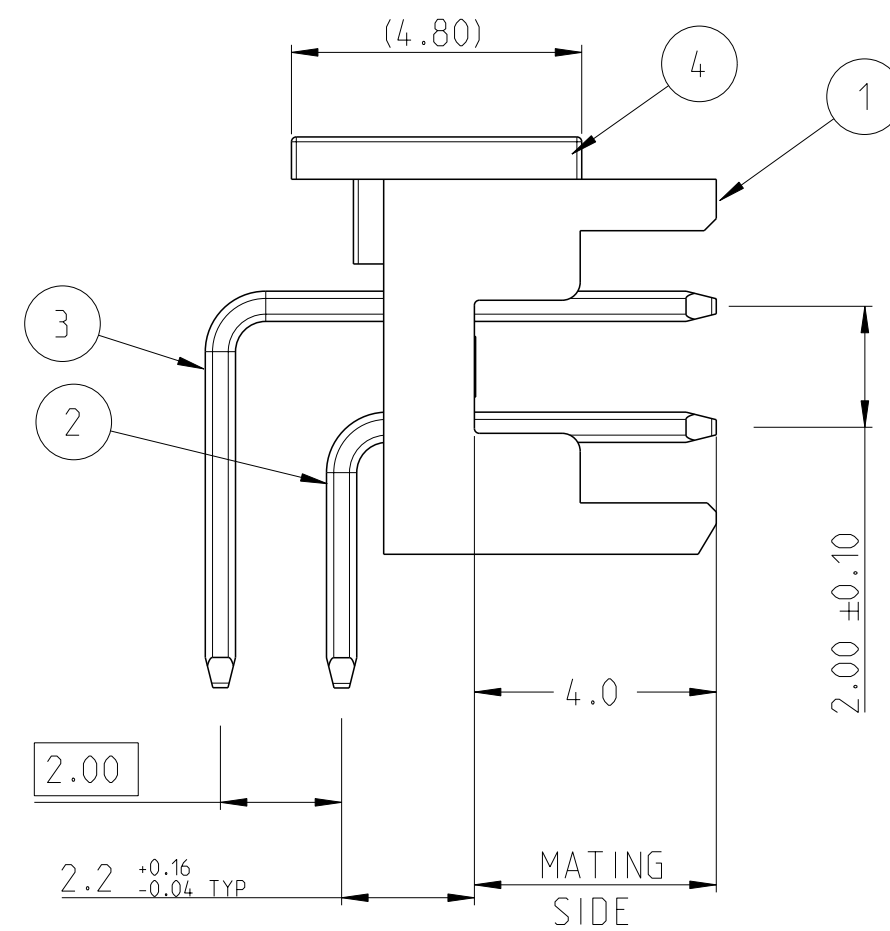
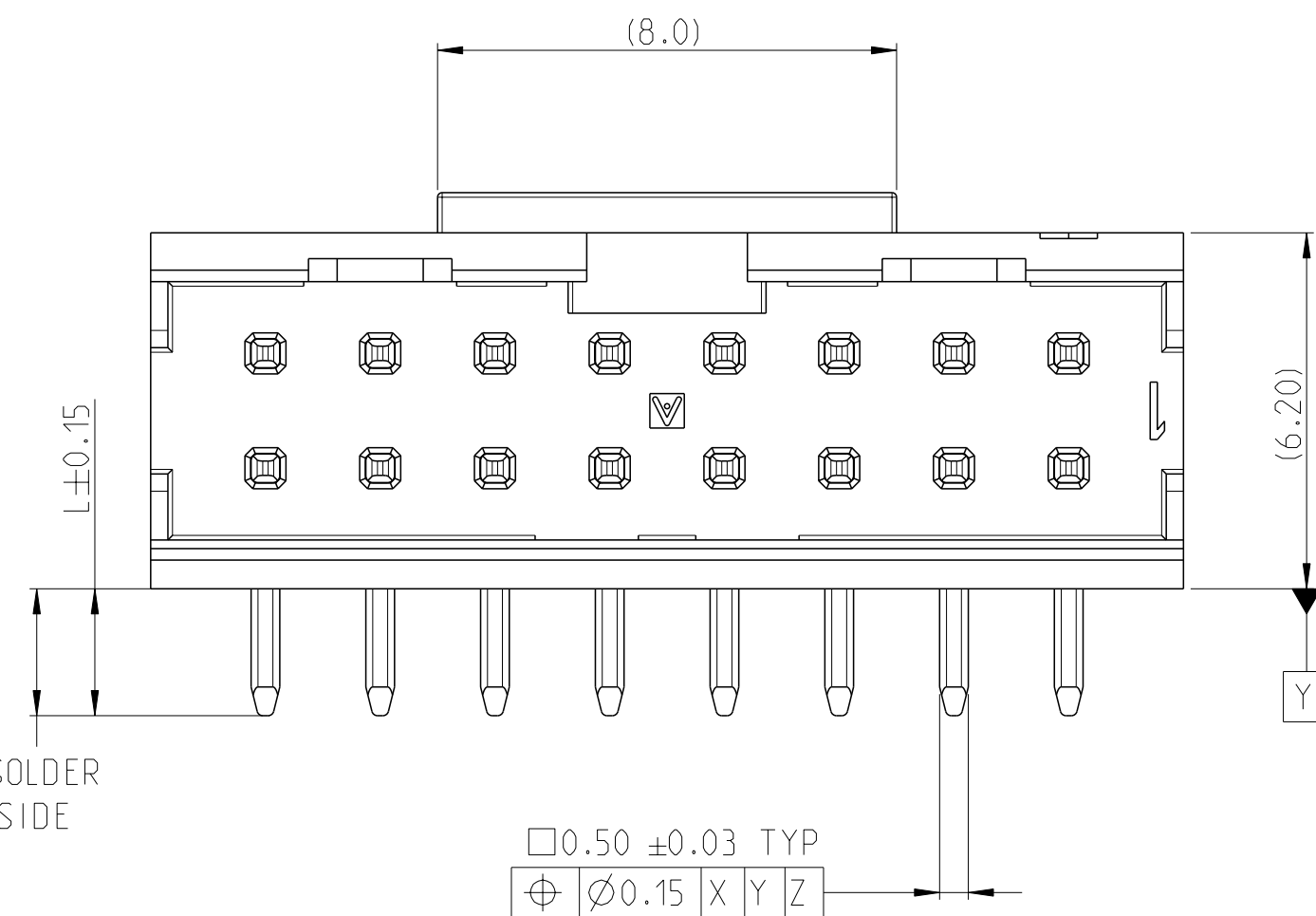
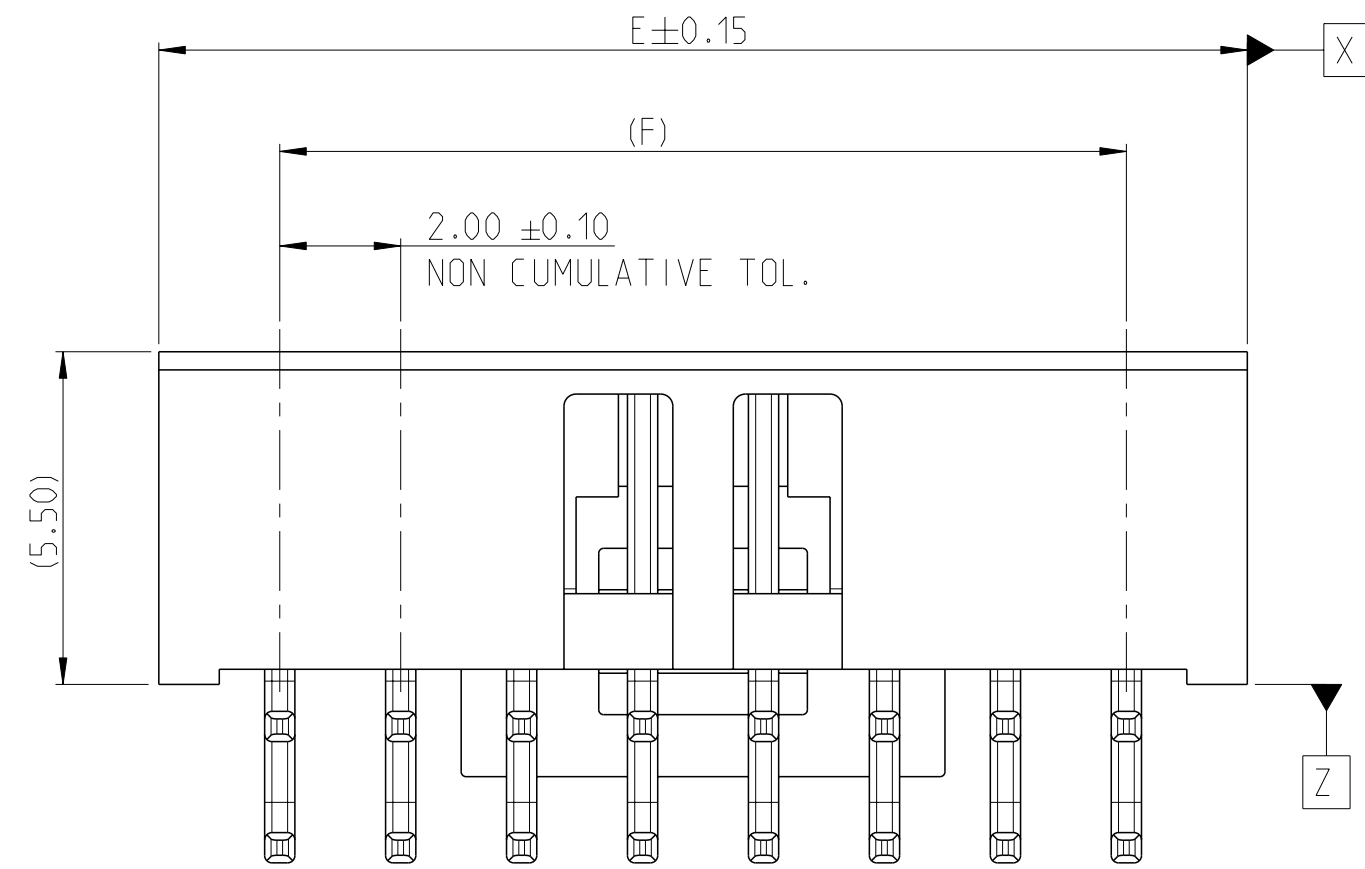
6. FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HSD-D\_\_-HT-\_\_-\_\_-\_\_). REFER SHEET 3 NOMENCLATURE.

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.

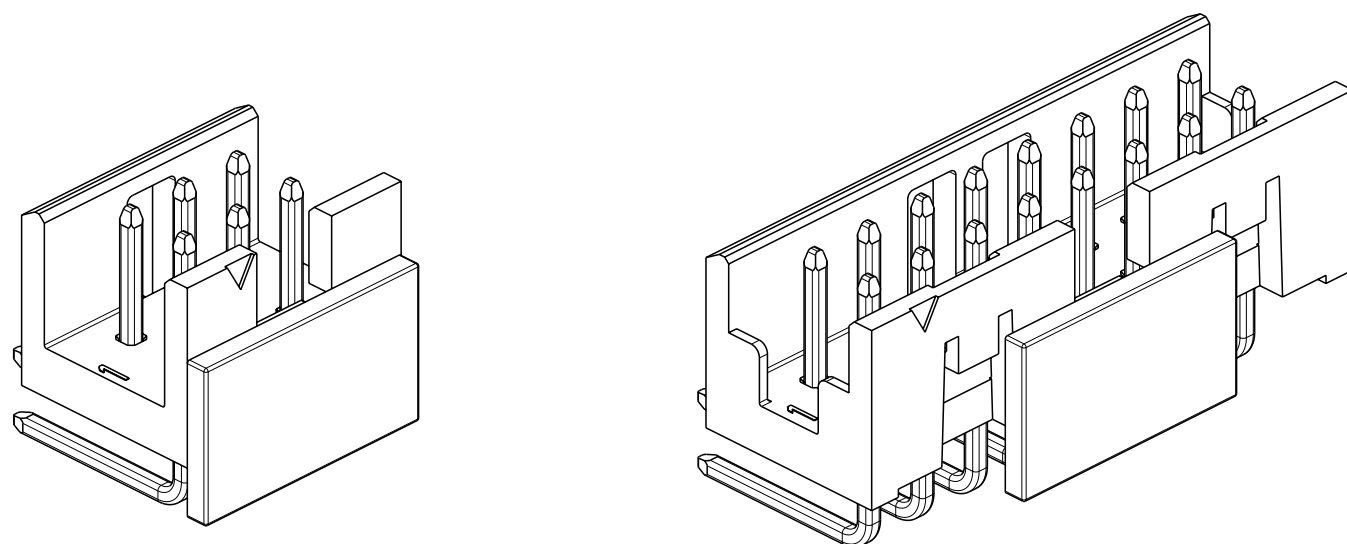
B. TUBE WITH (W/) AND WITHOUT (W/O) CAP.

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



-6 AS SHOWN

1- -6 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11FEB2016 RAKSHITH NAYAK CHR 01APR2016 KARTHIK J K APVD 01APR2016 PRASHANTH S		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ± ANGLES ±2°		NAME AMPMODU 2mm SHROUDED HEADER, DUAL ROW, RIGHT ANGLE	
MATERIAL SEE NOTES -		FINISH SEE NOTES -		PRODUCT SPEC 108-64040 APPLICATION SPEC 114-64040 WEIGHT -	
		CUSTOMER DRAWING		SIZE A2	CAGE CODE 00779
				DRAWING NO C-2823351	RESTRICTED TO -
				SCALE 8:1	SHEET 1 OF 3
				REV 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	0.38 µm Gold
H	0.76 µm 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  
108-64040  
APPLICATION SPEC  
114-64040  
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

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

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=2823351

RESTRICTED TO  
-

SCALE 1:1

SHEET 3 OF 3

REV A3

1471-9 (3/13)

# Mouser Electronics

Authorized Distributor

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