

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

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

3 - 5 μ m TIN OVER MIN 1.27 μ m NICKEL UNDER PLATING

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

4 MATING SIDE: MIN 0.38 μ m GOLD OVER MIN 1.27 μ m NICKEL UNDER PLATING
SOLDER SIDE: 4 - 6 μ m TIN OVER MIN 1.27 μ m NICKEL UNDER PLATING

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

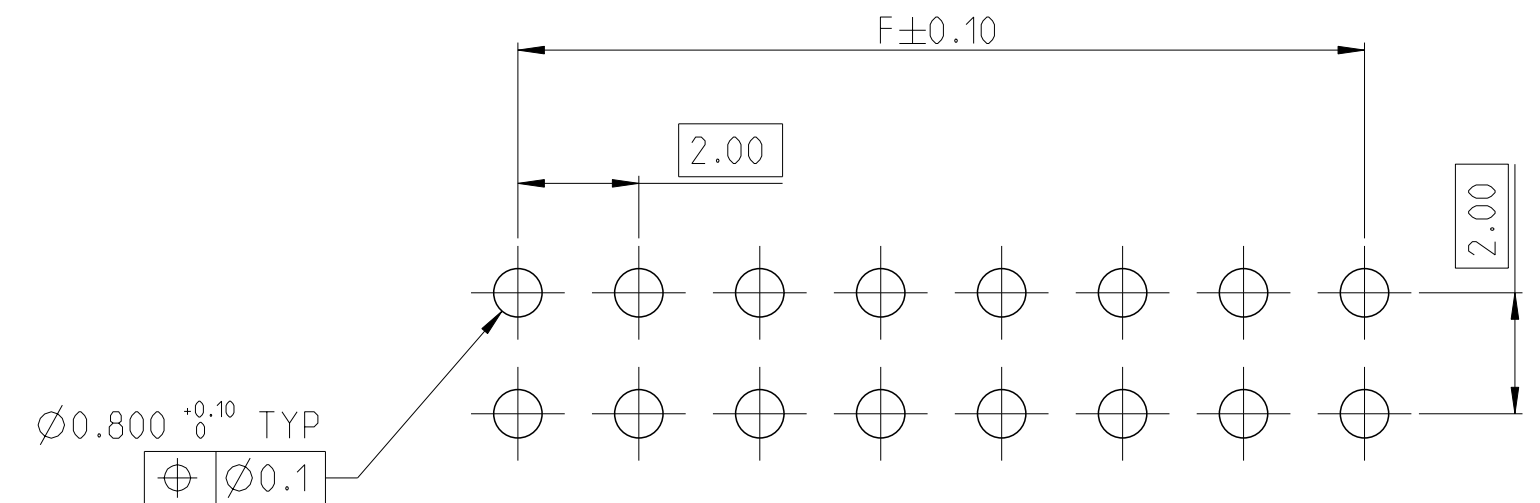
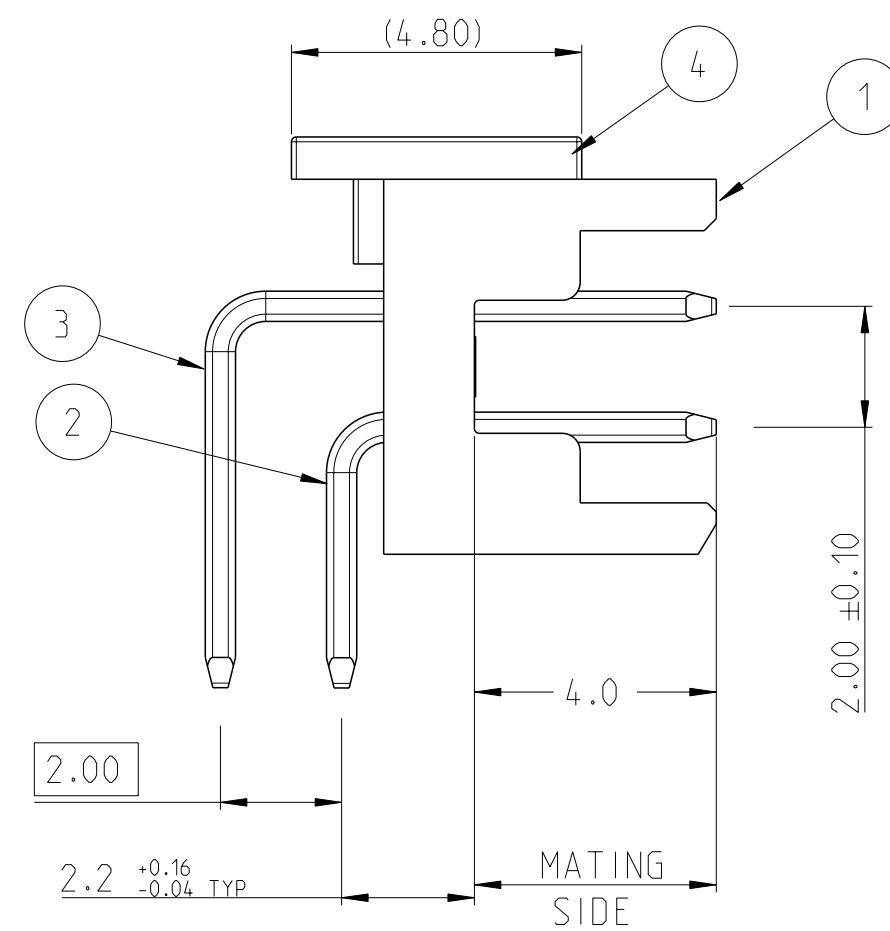
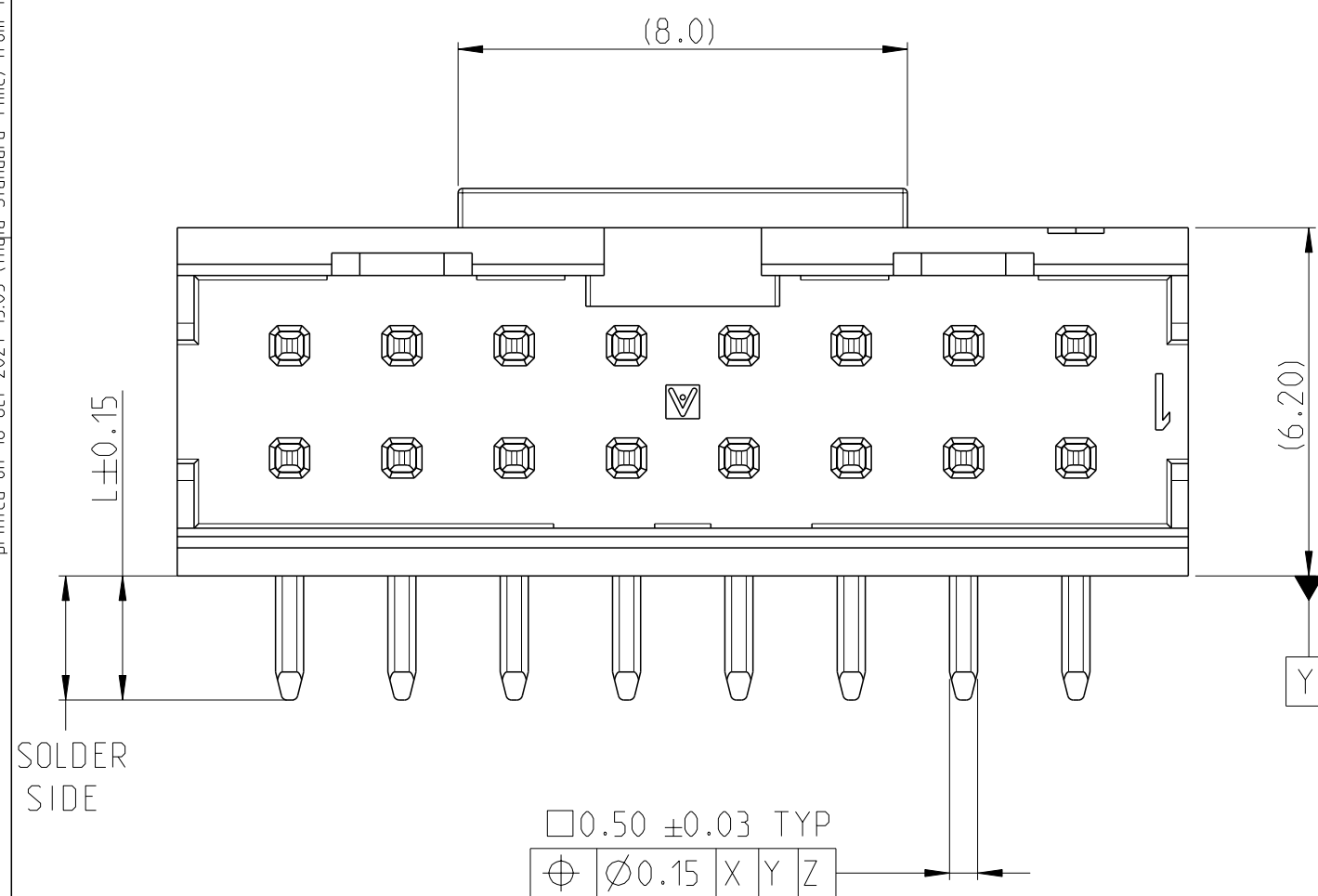
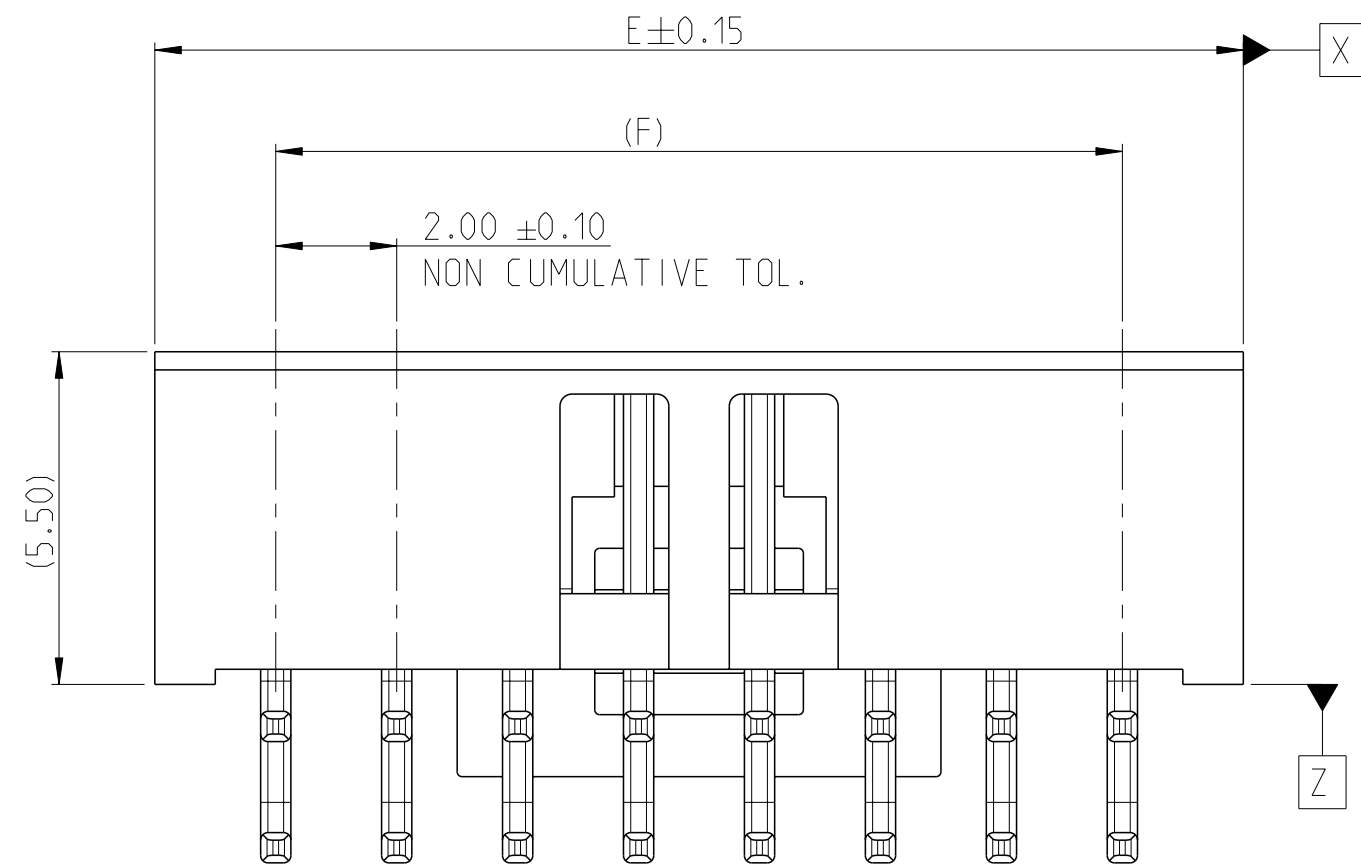
6. FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HSD-D__-HT-__-__-__). REFER SHEET 3 NOMENCLATURE.

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

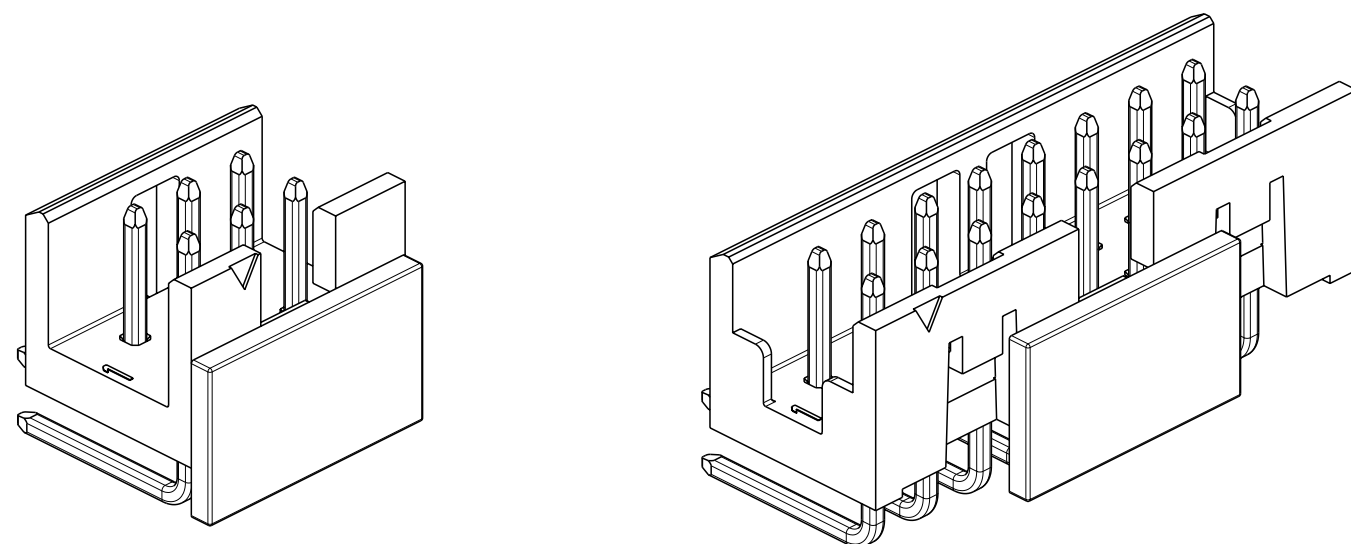
7. PACKAGING: A. TAPE & REEL WITH (W /) CAP.

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

C. BOX (W/O) CAP.



RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE



-6 AS SHOWN

1- -6 AS SHOWN

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11FEB2016 RAKSHITH NAYAK CHK 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				
		PRODUCT SPEC 108-64040 APPLICATION SPEC 114-64040						
MATERIAL SEE NOTES		FINISH SEE NOTES		SIZE A2		CAGE CODE 00779	DRAWING NO C=2823351	RESTRICTED TO -
CUSTOMER DRAWING				SCALE 8:1		SHEET 1 OF 3		REV A3

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

TE CONNECTIVITY

ALL RIGHTS RESERVED.

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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
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 AMPMODU 2mm SHROUDED HEADER, DUAL ROW , RIGHT ANGLE

SIZE A2

CAGE CODE 00779

DRAWING NO C=2823351

RESTRICTED TO -

1471-9 (3/13)

Mouser Electronics

Authorized Distributor

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[2-2823354-6](#)