

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	2	UPDATED HOUSING DESIGN	02NOV2016	RP	PS
	3	1.6 mm SOLDER TAIL LENGTH HEADERS REMOVED NOTE 8 AND 9 ADDED	07JUN2021	DK	PS
	4	HOUSING CAVITY CORNER CHAMFER ADDED SMART PN NOMENCLATURE ADDED	07OCT2021	DK	PS
	5	PIN TP CHANGE : SOLDER SIDE 0.35 & DATUM REF CHANGE MATING & SOLDER LENGTH "L" TOLERANCE UPDATE	26JUN2022	DK	PS

FINISH :

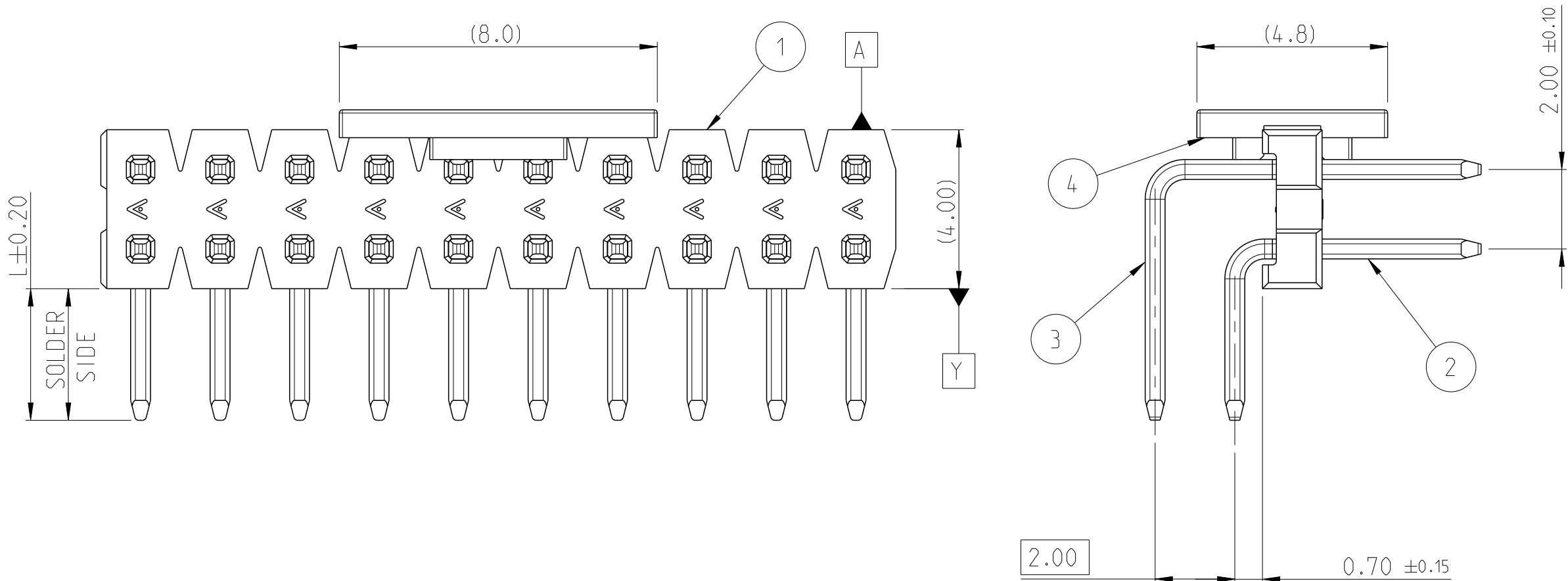
- 2 3 - 5 μ m TIN OVER MIN 1.27 μ m NICKEL UNDER PLATING
- 3 MATING SIDE: MIN. 0.1 μ m GOLD OVER MIN 1.27 μ m NICKEL UNDER PLATING
SOLDER SIDE: 4 - 6 μ m TIN OVER MIN 1.27 μ m NICKEL UNDER PLATING
- 4 MATING SIDE: MIN 0.38 μ m GOLD OVER MIN 1.27 μ m NICKEL UNDER PLATING
SOLDER SIDE: 4 - 6 μ m TIN OVER 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-HB-D__-HT-__-__-__). REFER SHEET 3 NOMENCLATURE.

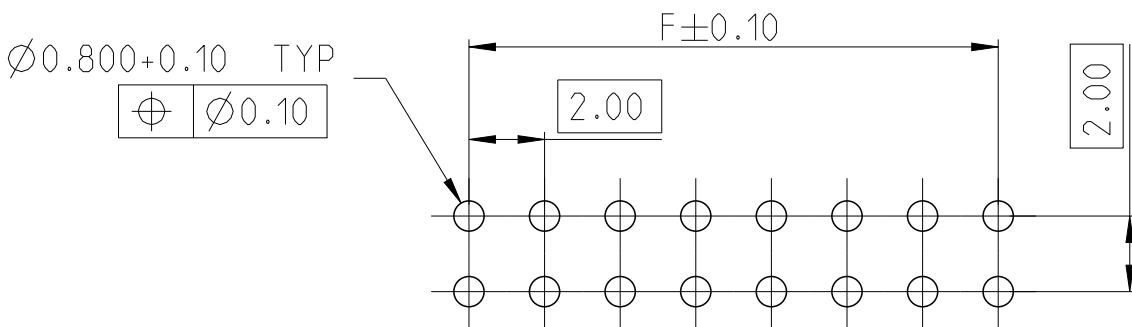
FOR EXAMPLE: 2MM-HB-D02-HT-01-T-TB = 4 POSITION.
2MM-HB-D25-HT-01-T-TB = 50 POSITION.

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

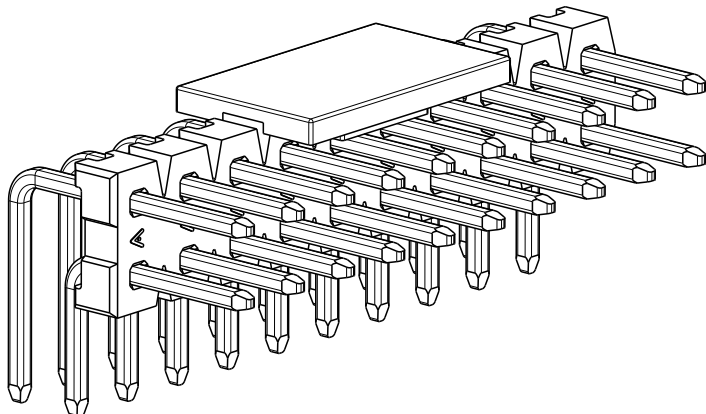
- 8 FOR TUBE PACKAGING W/CAP:
NO PICK AND PLACE FOR -4 AND -6 POS. HEADER POSITION STARTS FROM -8 POS.
- 9 PART NUMBER AVAILABLE UPON CUSTOMER REQUEST.



CAP	4
POST 2	3
POST 1	2
HOUSING	1
DESCRIPTION	ITEM NO.





RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE



2- -0 AS SHOWN

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PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11 FEB 2016 RAKSHITH NAYAK CHK 14 APR 2016 KARTHIK APVD 14 APR 2016 PRASHANTH		 TE Connectivity									
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME AMPMODU 2mm. BREAKAWAY HEADER DUAL ROW RIGHT ANGLE									
		0 PLC ±						PRODUCT SPEC					
		1 PLC ±0.1						108-64040					
		2 PLC ±0.05						APPLICATION SPEC					
3 PLC ±		4 PLC ±		114-64040		SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO			
MATERIAL SEE NOTES		ANGLES ±2° FINISH		WEIGHT		A2	00779	C=2823126			-		
SEE NOTES				CUSTOMER DRAWING				SCALE	8:1	SHEET	1 of 3	REV	5

D

C

B

A

D

C

B

A

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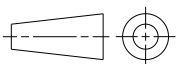
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

48	50	50
46	48	48
44	46	46
42	44	44
40	42	42
38	40	40
36	38	38
34	36	36
32	34	34
30	32	32
28	30	30
26	28	28
24	26	26
22	24	24
20	22	22
18	20	20
16	18	18
14	16	16
12	14	14
10	12	12
8	10	10
6	8	8
4	6	6
2	4	4
DIM "F"	DIM "E"	POSITION PER CONNECTOR

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11FEB2016 RAKSHITH NAYAK	 TE Connectivity			
DIMENSIONS: mm		CHK 14APR2016 KARTHIK				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 14APR2016 PRASHANTH	NAME AMPMODU 2mm, BREAKAWAY HEADER DUAL ROW RIGHT ANGLE		
	0 PLC ± 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ± ANGLES ±°		PRODUCT SPEC 108-64040			
	MATERIAL SEE NOTES		APPLICATION SPEC 114-64040	SIZE A2	CAGE CODE 100779	DRAWING NO C-2823126
FINISH SEE NOTES		WEIGHT	RESTRICTED TO -			
CUSTOMER DRAWING			SCALE 5:1	SHEET 2	OF 3	REV 5

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REVISIONS

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

SMART PART NUMBER

2MM - HB - D ____ - HT - ____ - ____ - ____

PRODUCT SERIES

2MM

AMPMODU 2mm series

GENDER / TYPE

HB

Breakaway headers

NUMBER OF ROWS

D

Double row

NUMBER OF PINS PER ROW

XX

02 through 25
(enter two digits)

ORIENTATION & TERMINATION

HT

Horizontal through hole

PACKAGING

TB	Tube without cap
TBP	Tube with cap
TRP	Tape and reel with cap
BX	Box

PLATING

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

TAIL LENGTH (L)

01	2.2 mm
02	2.8 mm
03	3.4 mm

SMART PN EXAMPLES :

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

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

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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

SEE NOTES

DWN 11FEB2016
RAKSHITH NAYAK

CHK 14APR2016
KARTHIK

APVD 14APR2016
PRASHANTH

PRODUCT SPEC
108-64040

APPLICATION SPEC
114-64040

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
AMPMODU 2mm, BREAKAWAY HEADER
DUAL ROW RIGHT ANGLE

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2823126

RESTRICTED TO
-

SCALE
1:1

SHEET
3 OF 3

REV
5

1471-9 (3/13)