

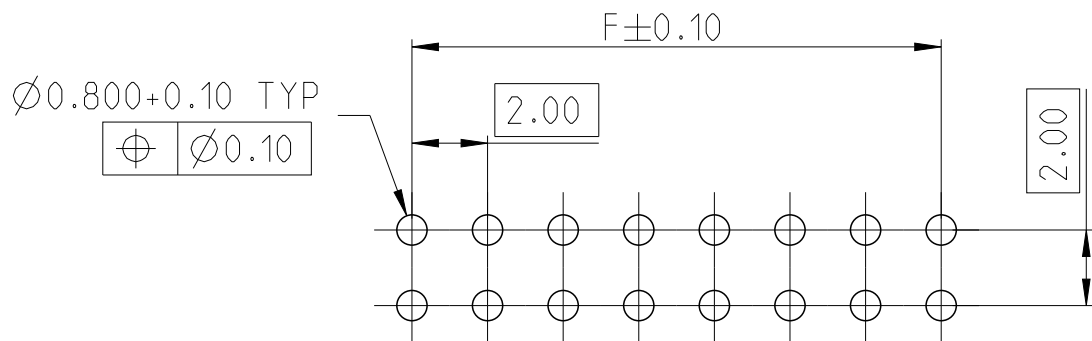
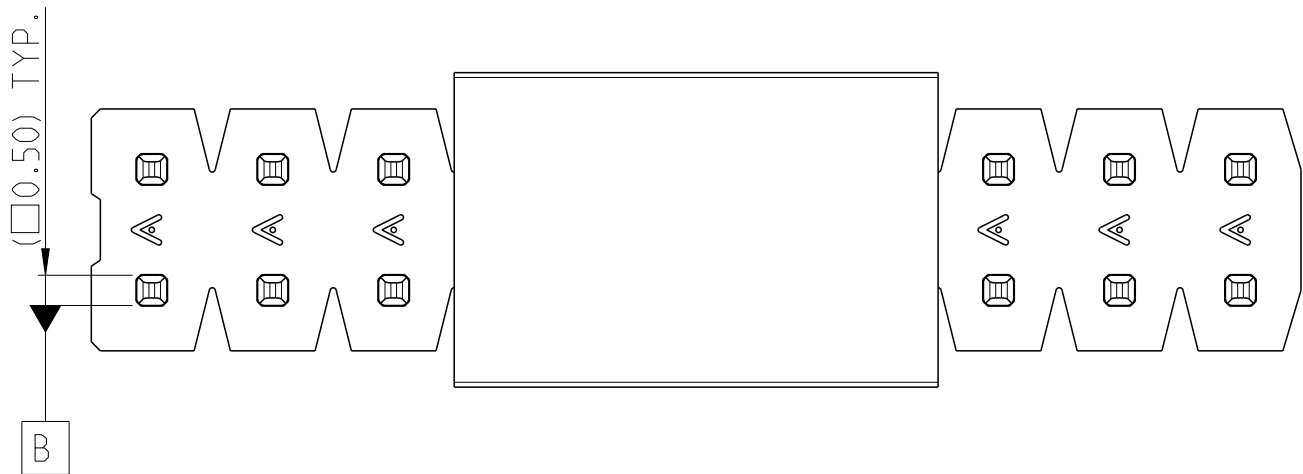
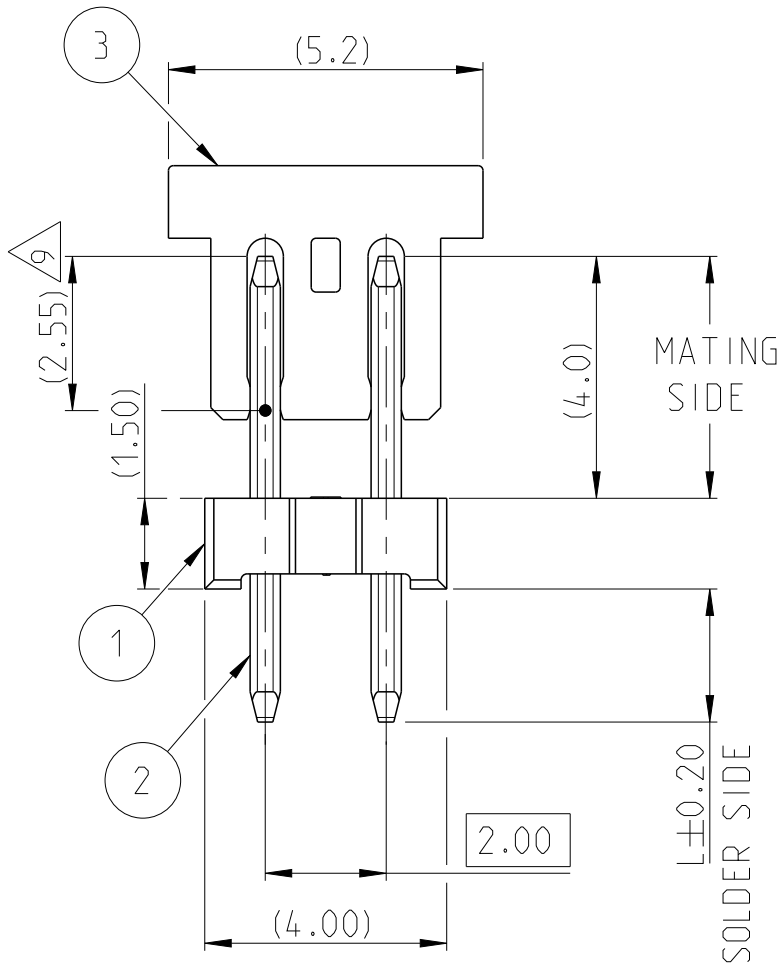
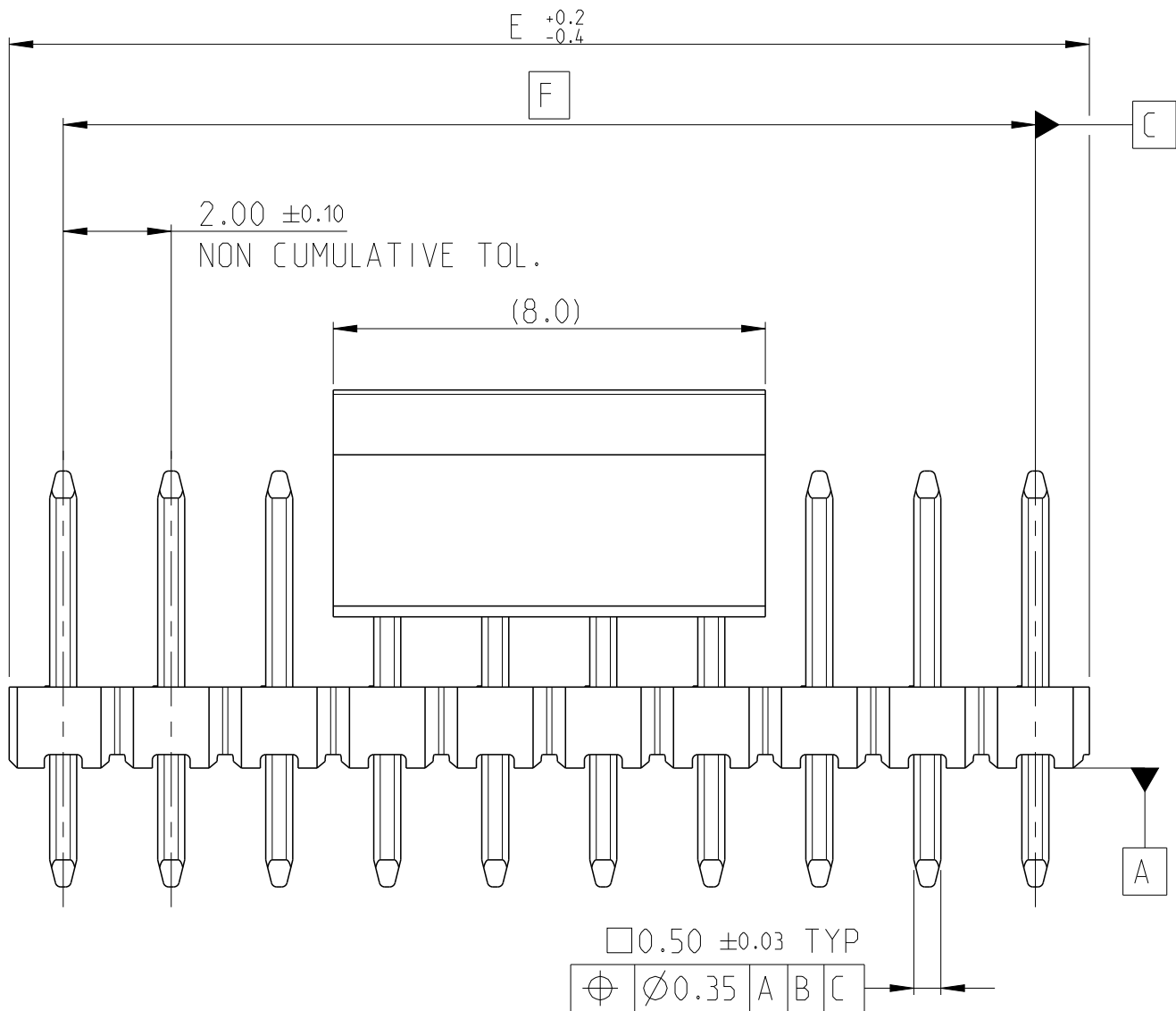
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	19OCT2023	Ka	SS
	A1	DIMENSION TOLERANCE CORRECTION	29FEB2024	KA	SS
	A2	PART OBSOLETE	18NOV2025	LS	RKS

D

C

B

A



CAP	3
POST	2
HOUSING	1
DESCRIPTION	ITEM NO.

RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE

NOTES:

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

FINISH :

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

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

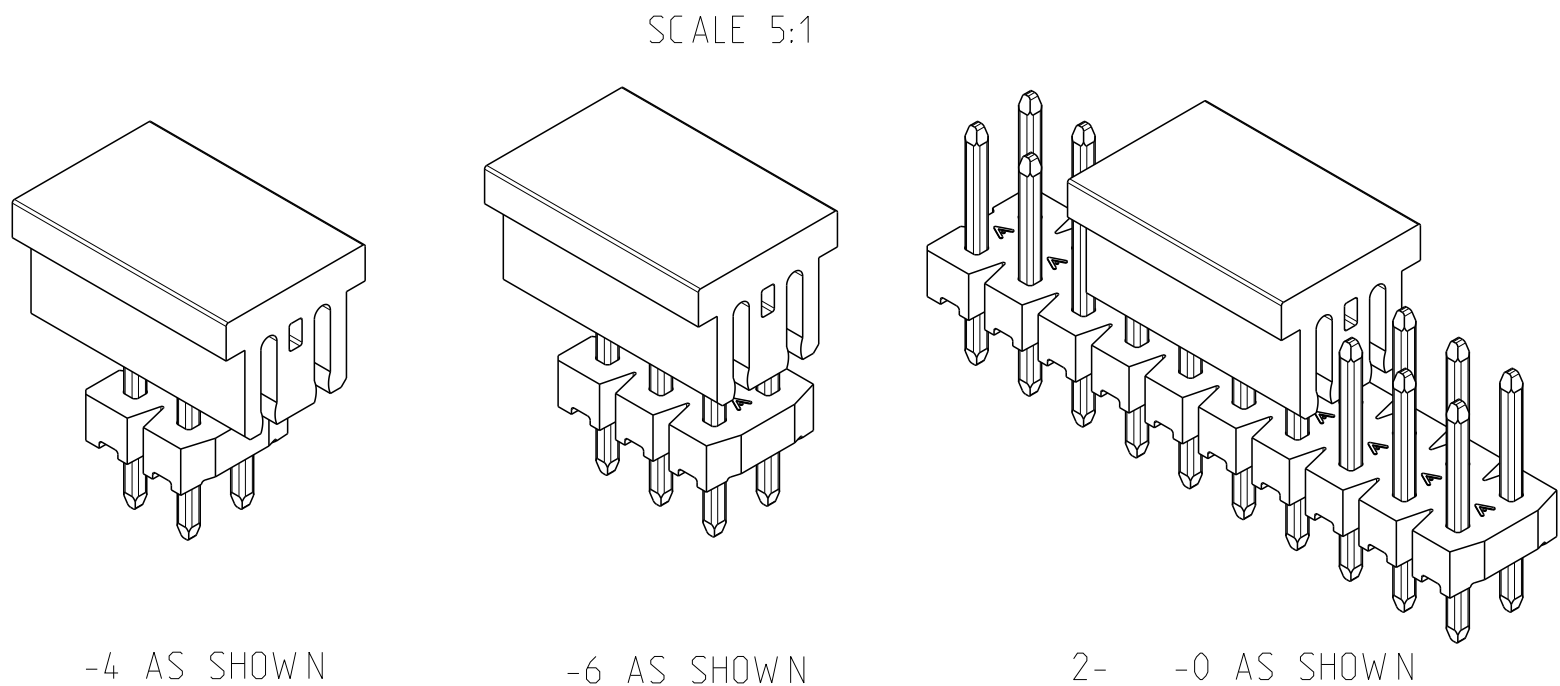
7. PACKAGING: A. TAPE & REEL WITH (W/) CAP.
B. TUBE WITH (W/) & WITHOUT (W/O) CAP.

8 FOR TUBE PACKAGING W/CAP:
NO PICK AND PLACE CAP FOR -4 AND -6 POS. HEADER POISTION STARTS FROM -8 POS.

9 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA

10. "L" DENOTES TAIL LENGTH

11 OBSOLETE



THIS DRAWING IS A CONTROLLED DOCUMENT.		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 ,VERTICAL	SIZE A2	CAGE CODE 00779	DRAWING NO C=2823110	RESTRICTED TO -
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ± ANGLES ±2° FINISH		SCALE 8:1		SHEET 1 OF 3	REV A2	

4

3

2

I

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

SMART PART NUMBER

2MM - HB - D - - VT - - - -

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

VT

Vertical through hole

PACKAGING

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

PLATING

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

TAIL LENGTH (L)

01	2.2 mm
02	2.8 mm

SMART PN EXAMPLES :

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

2. AMPMODU 2MM, BREAKAWAY HEADER, DOUBLE ROW , 25 POSITION PER ROW , VERTICAL MOUNT, 2.8MM SOLDER TAIL LENGTH, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP
2MM-HB-D25-VT-02-H-TRP

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.1

±0.05

±

±

±°

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±

±0.1

±0.05

±

±

±°

SEE NOTES

DWN

11FEB2016

CHK

14APR2016

APVD

14APR2016

PRODUCT SPEC

108-64040

APPLICATION SPEC

114-64040

WEIGHT

CUSTOMER DRAWING

RAKSHITH NAYAK

KARTHIK

PRASHANTH

108-64040

114-64040

TE

TE Connectivity

NAME

AMPMODU 2mm, BREAKAWAY HEADER
DUAL ROW ,VERTICAL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=2823110

-

SCALE

1:1

SHEET

2

OF

3

REV

A2

1471-9 (3/13)

REVISIONS

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

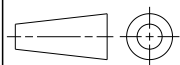
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11
11
11
11

TE INTERNAL BASE NO.	PACKAGING TYPE	MATING SIDE PLATING FINISH	SOLDER TAIL LENGTH "L"	SMART PN
2823110	TUBE W / O CAP	TIN 	2.2	2MM-HB-DXX-VT-01-T-TB
2823739	TUBE W / CAP		2.2	2MM-HB-DXX-VT-01-T-TBP
2823473	TAPE AND REEL W / CAP		2.2	2MM-HB-DXX-VT-01-T-TRP
2823112	TUBE W / O CAP		2.8	2MM-HB-DXX-VT-02-T-TB
2823755	TUBE W / CAP		2.8	2MM-HB-DXX-VT-02-T-TBP
2823477	TAPE AND REEL W / CAP	SELECTIVE Au flash 0.1µm 	2.8	2MM-HB-DXX-VT-02-T-TRP
2823114	TUBE W / O CAP		2.2	2MM-HB-DXX-VT-01-F-TB
2823740	TUBE W / CAP		2.2	2MM-HB-DXX-VT-01-F-TBP
2823474	TAPE AND REEL W / CAP		2.2	2MM-HB-DXX-VT-01-F-TRP
2823116	TUBE W / O CAP		2.8	2MM-HB-DXX-VT-02-F-TB
2823756	TUBE W / CAP	SELECTIVE Au 0.38µm 	2.8	2MM-HB-DXX-VT-02-F-TBP
2823478	TAPE AND REEL W / CAP		2.8	2MM-HB-DXX-VT-02-F-TRP
2823118	TUBE W / O CAP		2.2	2MM-HB-DXX-VT-01-M-TB
2823741	TUBE W / CAP		2.2	2MM-HB-DXX-VT-01-M-TBP
2823475	TAPE AND REEL W / CAP		2.2	2MM-HB-DXX-VT-01-M-TRP
2823120	TUBE W / O CAP	SELECTIVE Au 0.76µm 	2.8	2MM-HB-DXX-VT-02-M-TB
2823757	TUBE W / CAP		2.8	2MM-HB-DXX-VT-02-M-TBP
2823479	TAPE AND REEL W / CAP		2.8	2MM-HB-DXX-VT-02-M-TRP
2823122	TUBE W / O CAP		2.2	2MM-HB-DXX-VT-01-H-TB
2823742	TUBE W / CAP		2.2	2MM-HB-DXX-VT-01-H-TBP
2823476	TAPE AND REEL W / CAP		2.2	2MM-HB-DXX-VT-01-H-TRP
2823124	TUBE W / O CAP		2.8	2MM-HB-DXX-VT-02-H-TB
2823758	TUBE W / CAP		2.8	2MM-HB-DXX-VT-02-H-TBP
2823480	TAPE AND REEL W / CAP		2.8	2MM-HB-DXX-VT-02-H-TRP

48	50	25	50	5-	-0
46	48	24	48	4-	-8
44	46	23	46	4-	-6
42	44	22	44	4-	-4
40	42	21	42	4-	-2
38	40	20	40	4-	-0
36	38	19	38	3-	-8
34	36	18	36	3-	-6
32	34	17	34	3-	-4
30	32	16	32	3-	-2
28	30	15	30	3-	-0
26	28	14	28	2-	-8
24	26	13	26	2-	-6
22	24	12	24	2-	-4
20	22	11	22	2-	-2
18	20	10	20	2-	-0
16	18	9	18	1-	-8
14	16	8	16	1-	-6
12	14	7	14	1-	-4
10	12	6	12	1-	-2
8	10	5	10	1-	-0
6	8	4	8		-8
4	6	3	6		-6
2	4	2	4		-4
DIM "F"	DIM "E"	PINS PER ROW "XX"	POSITION PER CONNECTOR	TE INTERNAL PART NO.	

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 ±°
FINISH

DWN
RAKSHITH NAYAK
CHK
KARTHIK
APVD
PRASHANTH
PRODUCT SPEC
108-64040
APPLICATION SPEC
114-64040
WEIGHT

11FEB2016
14APR2016
14APR2016

CUSTOMER DRAWING

 TE Connectivity

NAME
AMPMODU 2mm, BREAKAWAY HEADER
DUAL ROW,VERTICAL

SIZE
A2

CAGE CODE
100779

DRAWING NO
C=2823110

RESTRICTED TO
-

SCALE
5:1

SHEET
3

OF
3

REV
A2