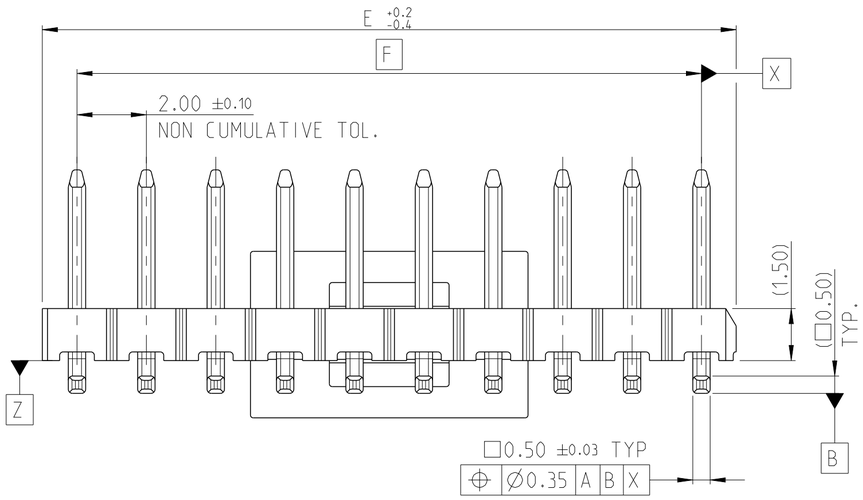
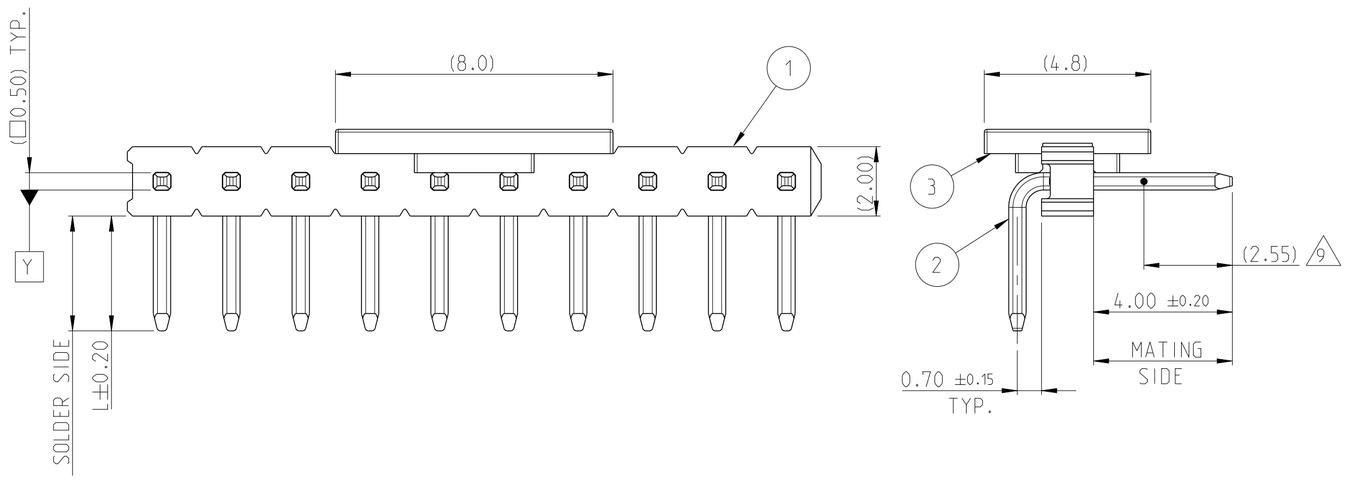
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	19OCT2023	Ka	SS
	A1	DIMENSION TOLERANCE CORRECTION	29FEB2024	KA	SS





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-S__-HT-__-__-__). REFER SHEET 2 NOMENCLATURE.

   FOR EXAMPLE: 2MM-HB-S02-HT-01-T-TB = 2 POSITION.
   2MM-HB-S25-HT-01-T-TB = 25 POSITION.

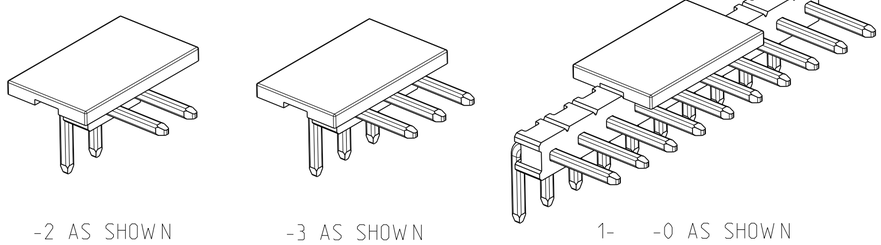
7. PACKAGING: A. TAPE & REEL WITH (W/) CAP.
   B. TUBE WITH (W/) & WITHOUT (W/O) CAP.

8. FOR TUBE PACKAGING W/CAP:
   NO PICK AND PLACE CAP FOR -2 AND -3 POS. HEADER POSITION STARTS FROM -4 POS.

9. PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA

10. "L" DENOTES TAIL LENGTH

SCALE 5:1

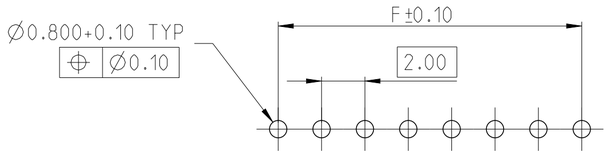


-2 AS SHOWN

-3 AS SHOWN

1- -0 AS SHOWN

CAP	3
POST	2
HOUSING	1
DESCRIPTION	ITEM NO.



RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAKESH 15APR2016	TE Connectivity
		CHK KARTHIK 15APR2016	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±0.1, 2 PLC ±0.05, 3 PLC ±, 4 PLC ±, ANGLES ±2°	APVD PRASHANTH 15APR2016	NAME AMPMODU 2mm BREAKAWAY HEADER SINGLE ROW, RIGHT ANGLE
		PRODUCT SPEC 108-64040	
		APPLICATION SPEC 114-64040	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-2823090 / RESTRICTED TO -
MATERIAL SEE NOTES	FINISH SEE NOTES	WEIGHT	
		CUSTOMER DRAWING	SCALE 8:1 / SHEET 1 OF 3 / REV A1

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REVISIONS

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

SMART PART NUMBER

2MM - HB - S ___ - HT - ___ - ___ - ___

PRODUCT SERIES

2MM	AMPMODU 2mm series

GENDER / TYPE

HB	Breakaway headers

NUMBER OF ROWS

S	Single 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

8

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, SINGLE ROW, 02 POSITION PER ROW, RIGHT ANGLE MOUNT, 2.2MM SOLDER TAIL LENGTH, TIN PLATING, TUBE W/O CAP
   2MM-HB-S02-HT-01-T-TB

2. AMPMODU 2MM, BREAKAWAY HEADER, SINGLE ROW, 25 POSITION PER ROW, RIGHT ANGLE MOUNT, 2.8MM SOLDER TAIL LENGTH, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP
   2MM-HB-S25-HT-02-H-TRP

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.1
2 PLC ±0.05
3 PLC ±-
4 PLC ±-
ANGLES ±2°

MATERIAL: SEE NOTES
FINISH: SEE NOTES

DWN	RAKESH	15APR2016
CHK	KARTHIK	15APR2016
APVD	PRASHANTH	15APR2016
PRODUCT SPEC	108-64040	
APPLICATION SPEC	114-64040	
WEIGHT		

CUSTOMER DRAWING

TE Connectivity

NAME: AMPMODU 2mm BREAKAWAY HEADER SINGLE ROW, RIGHT ANGLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823090	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 3 | REV A1

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

TE INTERNAL BASE NO.	PACKAGING TYPE	MATING SIDE PLATING FINISH	SOLDER TAIL LENGTH "L"	SMART PN
2823090	TUBE W/O CAP	TIN (2)	2.2	2MM-HB-SXX-HT-01-T-TB
2823671	TUBE W/ CAP		2.2	2MM-HB-SXX-HT-01-T-TBP
2823481	TAPE AND REEL W/ CAP		2.2	2MM-HB-SXX-HT-01-T-TRP
2823092	TUBE W/O CAP		2.8	2MM-HB-SXX-HT-02-T-TB
2823683	TUBE W/ CAP		2.8	2MM-HB-SXX-HT-02-T-TBP
2823485	TAPE AND REEL W/ CAP		2.8	2MM-HB-SXX-HT-02-T-TRP
2823094	TUBE W/O CAP	SELECTIVE Au flash 0.1µm (3)	2.2	2MM-HB-SXX-HT-01-F-TB
2823672	TUBE W/ CAP		2.2	2MM-HB-SXX-HT-01-F-TBP
2823482	TAPE AND REEL W/ CAP		2.2	2MM-HB-SXX-HT-01-F-TRP
2823096	TUBE W/O CAP		2.8	2MM-HB-SXX-HT-02-F-TB
2823684	TUBE W/ CAP		2.8	2MM-HB-SXX-HT-02-F-TBP
2823486	TAPE AND REEL W/ CAP		2.8	2MM-HB-SXX-HT-02-F-TRP
2823098	TUBE W/O CAP	SELECTIVE Au 0.38µm (4)	2.2	2MM-HB-SXX-HT-01-M-TB
2823673	TUBE W/ CAP		2.2	2MM-HB-SXX-HT-01-M-TBP
2823483	TAPE AND REEL W/ CAP		2.2	2MM-HB-SXX-HT-01-M-TRP
2823100	TUBE W/O CAP		2.8	2MM-HB-SXX-HT-02-M-TB
2823685	TUBE W/ CAP		2.8	2MM-HB-SXX-HT-02-M-TBP
2823487	TAPE AND REEL W/ CAP		2.8	2MM-HB-SXX-HT-02-M-TRP
2823102	TUBE W/O CAP	SELECTIVE Au 0.76µm (5)	2.2	2MM-HB-SXX-HT-01-H-TB
2823674	TUBE W/ CAP		2.2	2MM-HB-SXX-HT-01-H-TBP
2823484	TAPE AND REEL W/ CAP		2.2	2MM-HB-SXX-HT-01-H-TRP
2823104	TUBE W/O CAP		2.8	2MM-HB-SXX-HT-02-H-TB
2823686	TUBE W/ CAP		2.8	2MM-HB-SXX-HT-02-H-TBP
2823488	TAPE AND REEL W/ CAP		2.8	2MM-HB-SXX-HT-02-H-TRP

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

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
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1 PLC ±0.1
2 PLC ±0.05
3 PLC ±-
4 PLC ±-
ANGLES ±2°

MATERIAL: SEE NOTES

FINISH: SEE NOTES

DWN	RAKESH	15APR2016
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CUSTOMER DRAWING

TE Connectivity

NAME: AMPMODU 2mm BREAKAWAY HEADER SINGLE ROW, RIGHT ANGLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823090	-

SCALE 5:1 | SHEET 3 OF 3 | REV A1

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