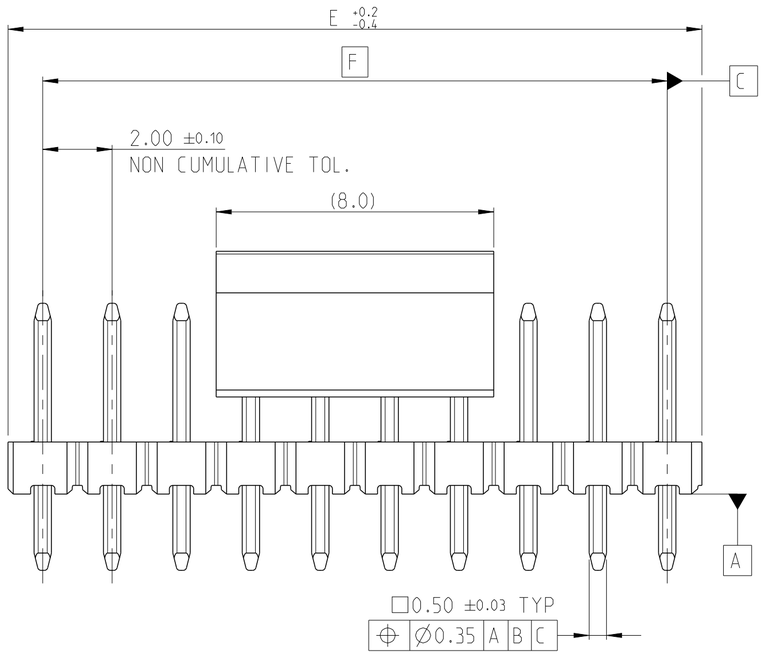
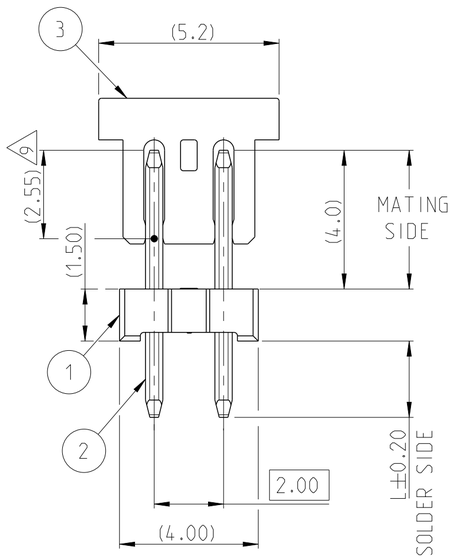
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	19OCT2023	Ka	SS
	A1	DIMENSION TOLERANCE CORRECTION	29FEB2024	KA	SS





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-D__-VT-__-__-__). REFER SHEET 2 NOMENCLATURE.

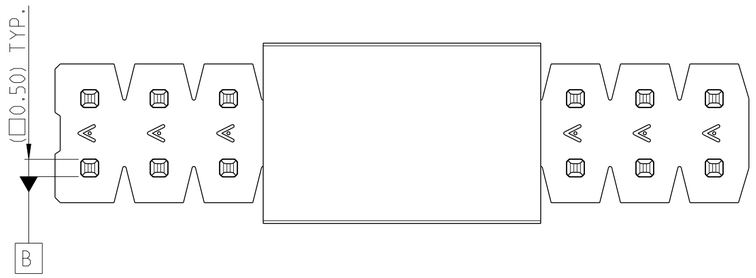
   FOR EXAMPLE: 2MM-HB-D02-VT-01-T-TB = 4 POSITION.
   2MM-HB-D25-VT-01-T-TB = 50 POSITION.

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

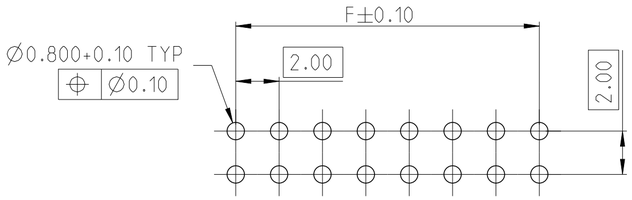
△8 FOR TUBE PACKAGING W/CAP:
NO PICK AND PLACE CAP FOR -4 AND -6 POS. HEADER POISTION STARTS FROM -8 POS.

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

10. "L" DENOTES TAIL LENGTH

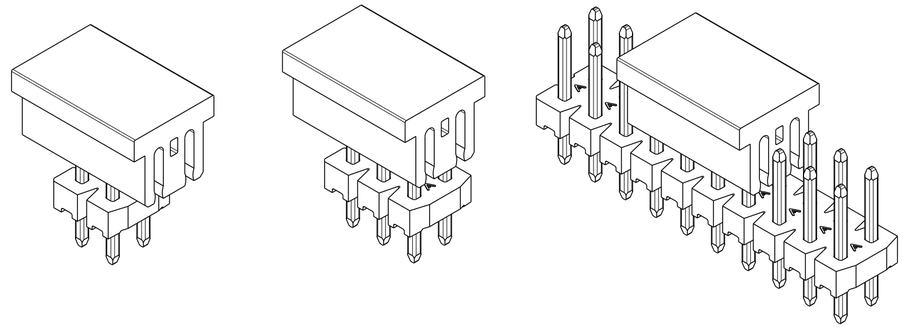


CAP	3
POST	2
HOUSING	1
DESCRIPTION	ITEM NO.



RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE

SCALE 5:1



-4 AS SHOWN

-6 AS SHOWN

2- -0 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAKSHITH NAYAK 11FEB2016	TE Connectivity
		CHK KARTHIK 14APR2016	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- ; 1 PLC ±0.1 ; 2 PLC ±0.05 ; 3 PLC ±- ; 4 PLC ±- ; ANGLES ±2°	APVD PRASHANTH 14APR2016	NAME AMPMODU 2mm, BREAKAWAY HEADER DUAL ROW, VERTICAL
		PRODUCT SPEC 108-64040	
		APPLICATION SPEC 114-64040	SIZE A2 · CAGE CODE 00779 · DRAWING NO C-2823110 · 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 - 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

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, 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

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	11FEB2016 RAKSHITH NAYAK
CHK	14APR2016 KARTHIK
APVD	14APR2016 PRASHANTH
PRODUCT SPEC	108-64040
APPLICATION SPEC	114-64040
WEIGHT	

TE Connectivity

NAME: AMPMODU 2mm, BREAKAWAY HEADER DUAL ROW ,VERTICAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823110	-

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
2823110	TUBE W/O CAP	TIN (2)	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		2.8	2MM-HB-DXX-VT-02-T-TRP
2823114	TUBE W/O CAP	SELECTIVE Au flash 0.1µm (3)	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		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	SELECTIVE Au 0.38µm (4)	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		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	SELECTIVE Au 0.76µm (5)	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

DIM "F"	DIM "E"	PINS PER ROW "XX"	POSITION PER CONNECTOR	TE INTERNAL PART NO.
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

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 RAKSHITH NAYAK 11FEB2016
CHK KARTHIK 14APR2016
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PRODUCT SPEC 108-64040
APPLICATION SPEC 114-64040
WEIGHT

TE Connectivity

NAME AMPMODU 2mm, BREAKAWAY HEADER DUAL ROW, VERTICAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823110	-

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

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141991-2 2380312-2 917696-1 2-292161-3 RH73H2A40MKTN 1743455-2 SMW73R0JT 2310537-1
2377783-2 650075-000 MPT100C18RF SBCHE64R7K TE50BR39J U5254-000005-030PA 175977-2