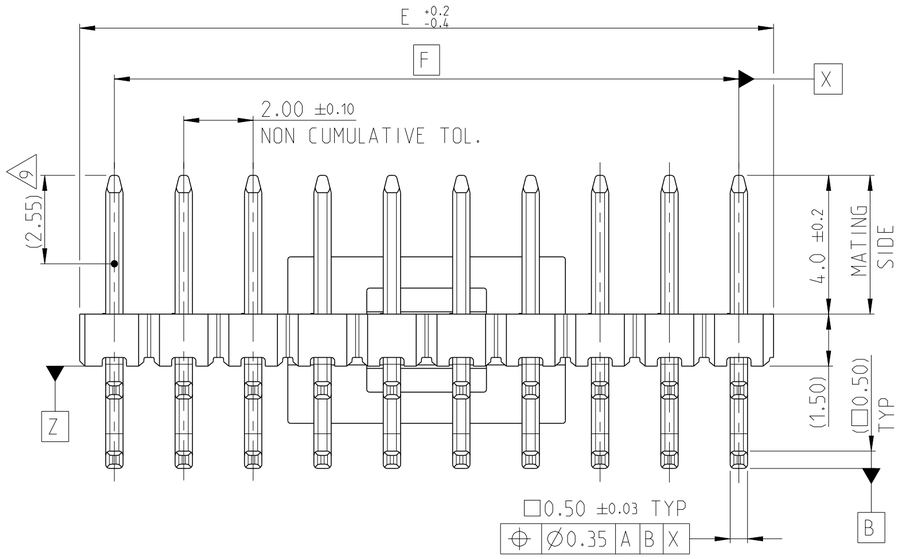
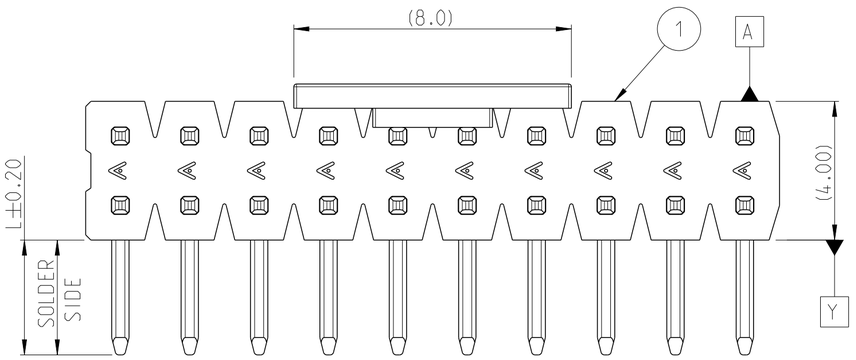
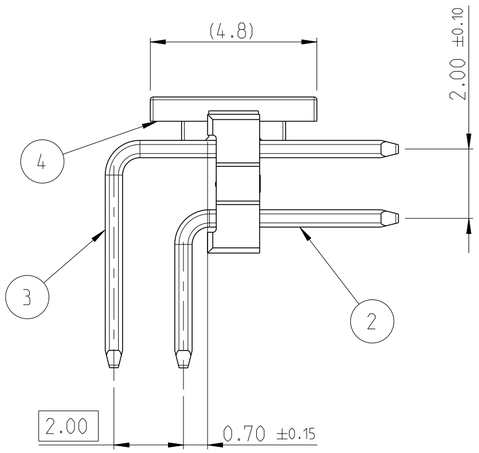
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	19OCT2023	Ka	SS
	A1	DIMENSION TOLERANCE CORRECTION	29FEB2024	KA	SS







NOTES:

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

FINISH:

△2 3-5µm TIN OVER MIN. 1.27µm NICKEL UNDER PLATING

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

△4 MATING SIDE: MIN. 0.38µm SELECTIVE GOLD OVER MIN. 1.27µm NICKEL UNDER PLATING
SOLDER SIDE: 4-6µm TIN OVER MIN. 1.27µm NICKEL UNDER PLATING

△5 MATING SIDE: MIN. 0.76µm SELECTIVE GOLD OVER MIN. 1.27µm NICKEL UNDER PLATING
SOLDER SIDE: 4-6µm TIN OVER MIN. 1.27µm NICKEL UNDER PLATING

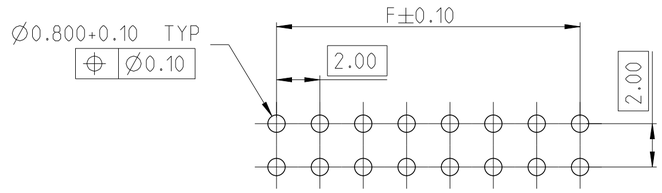
6. FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HB-D__-HT-__-__-__). REFER SHEET 2 NOMENCLATURE.
   FOR EXAMPLE: 2MM-HB-D02-HT-01-T-TB = 4 POSITION.
   2MM-HB-D25-HT-01-T-TB = 50 POSITION.

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

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

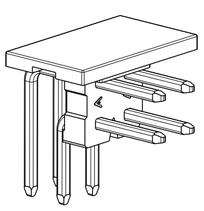
△9 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA

10. "L" DENOTES TAIL LENGTH

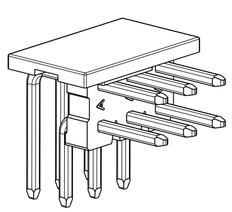


RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE

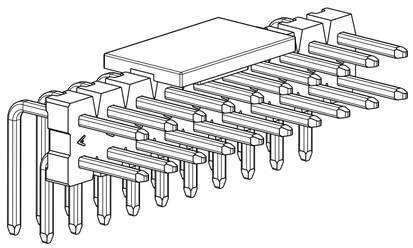
SCALE 5:1



-4 AS SHOWN



-6 AS SHOWN



2- -0 AS SHOWN

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

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 RIGHT ANGLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823126	-

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 ___ - 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

△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, 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, 2.8MM SOLDER TAIL LENGTH, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP
   2MM-HB-D25-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: RAKSHITH NAYAK 11FEB2016
CHK: KARTHIK 14APR2016
APVD: PRASHANTH 14APR2016
PRODUCT SPEC: 108-64040
APPLICATION SPEC: 114-64040
WEIGHT:

TE Connectivity

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

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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
2823126	TUBE W/O CAP	TIN 2	2.2	2MM-HB-DXX-HT-01-T-TB
2823763	TUBE W/ CAP		2.2	2MM-HB-DXX-HT-01-T-TBP
2823489	TAPE AND REEL W/ CAP		2.2	2MM-HB-DXX-HT-01-T-TRP
2823128	TUBE W/O CAP		2.8	2MM-HB-DXX-HT-02-T-TB
2823779	TUBE W/ CAP		2.8	2MM-HB-DXX-HT-02-T-TBP
2823493	TAPE AND REEL W/ CAP		2.8	2MM-HB-DXX-HT-02-T-TRP
2823130	TUBE W/O CAP	SELECTIVE Au flash 0.1µm 3	2.2	2MM-HB-DXX-HT-01-F-TB
2823764	TUBE W/ CAP		2.2	2MM-HB-DXX-HT-01-F-TBP
2823490	TAPE AND REEL W/ CAP		2.2	2MM-HB-DXX-HT-01-F-TRP
2823132	TUBE W/O CAP		2.8	2MM-HB-DXX-HT-02-F-TB
2823780	TUBE W/ CAP		2.8	2MM-HB-DXX-HT-02-F-TBP
2823494	TAPE AND REEL W/ CAP		2.8	2MM-HB-DXX-HT-02-F-TRP
2823134	TUBE W/O CAP	SELECTIVE Au 0.38µm 4	2.2	2MM-HB-DXX-HT-01-M-TB
2823765	TUBE W/ CAP		2.2	2MM-HB-DXX-HT-01-M-TBP
2823491	TAPE AND REEL W/ CAP		2.2	2MM-HB-DXX-HT-01-M-TRP
2823136	TUBE W/O CAP		2.8	2MM-HB-DXX-HT-02-M-TB
2823781	TUBE W/ CAP		2.8	2MM-HB-DXX-HT-02-M-TBP
2823495	TAPE AND REEL W/ CAP		2.8	2MM-HB-DXX-HT-02-M-TRP
2823138	TUBE W/O CAP	SELECTIVE Au 0.76µm 5	2.2	2MM-HB-DXX-HT-01-H-TB
2823766	TUBE W/ CAP		2.2	2MM-HB-DXX-HT-01-H-TBP
2823492	TAPE AND REEL W/ CAP		2.2	2MM-HB-DXX-HT-01-H-TRP
2823140	TUBE W/O CAP		2.8	2MM-HB-DXX-HT-02-H-TB
2823782	TUBE W/ CAP		2.8	2MM-HB-DXX-HT-02-H-TBP
2823496	TAPE AND REEL W/ CAP		2.8	2MM-HB-DXX-HT-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

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DWN RAKSHITH NAYAK 11FEB2016
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CUSTOMER DRAWING | SCALE 5:1 | SHEET 3 OF 3 | REV A1

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Global Electronic Components Distributor

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