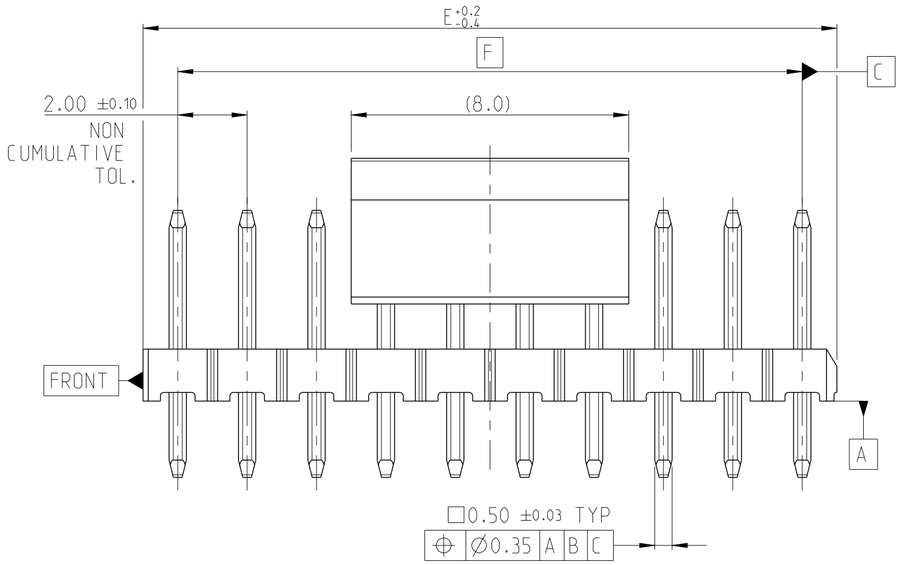
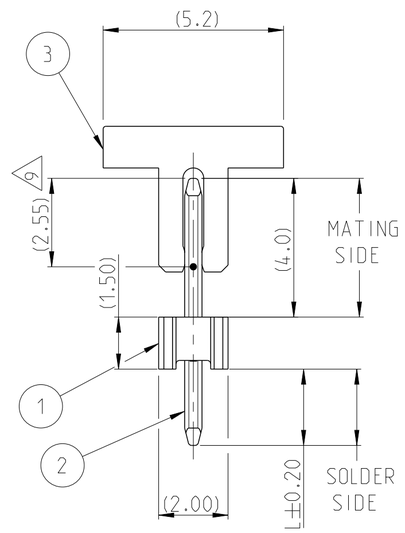
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	13OCT2023	Ka	SS
	A1	DIMENSION TOLERANCE CORRECTION	29FEB2024	KA	SS





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

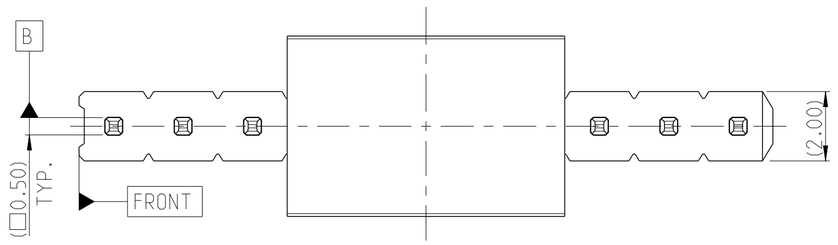
   FOR EXAMPLE: 2MM-HB-S02-VT-01-T-TB = 2 POSITION.
   2MM-HB-S25-VT-01-T-TB = 25 POSITION.

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.

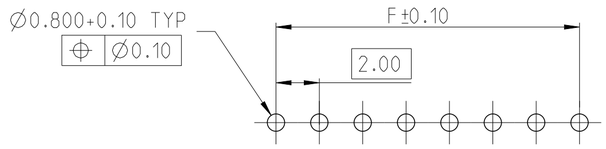
△9 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA

10. "L" DENOTES TAIL LENGTH

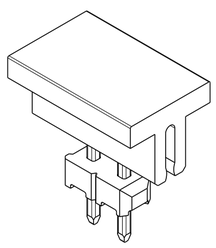


CAP	3
POST	2
HOUSING	1
DESCRIPTION	ITEM NO.

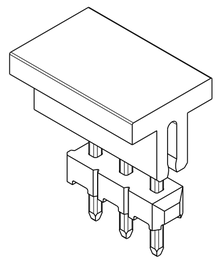
SCALE 5:1



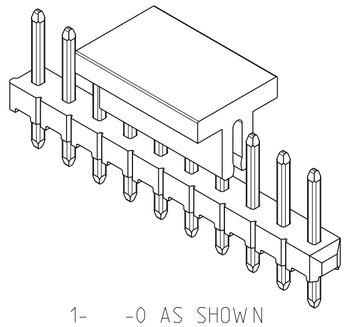
RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE



-2 AS SHOWN



-3 AS SHOWN



1- -0 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAKESH 03MAY2016	TE Connectivity
		CHK KARTHIK 03MAY2016	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.1 2 PLC ±0.05 3 PLC ±- 4 PLC ±- ANGLES ±2°	APVD PRASHANTH 03MAY2016	NAME AMPMODU 2mm BREAKAWAY HEADER SINGLE ROW VERTICAL
		PRODUCT SPEC 108-64040	
		APPLICATION SPEC 114-64040	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-2823074 / 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 ___ - VT - ___ - ___ - ___

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

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

2. AMPMODU 2MM, BREAKAWAY HEADER, SINGLE ROW, 25 POSITION PER ROW, VERTICAL MOUNT, 2.8MM SOLDER TAIL LENGTH, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP
   2MM-HB-S25-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 RAKESH 03MAY2016
CHK KARTHIK 03MAY2016
APVD PRASHANTH 03MAY2016
PRODUCT SPEC 108-64040
APPLICATION SPEC 114-64040
WEIGHT -

TE Connectivity

NAME: AMPMODU 2mm BREAKAWAY HEADER SINGLE ROW VERTICAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823074	-

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
2823074	TUBE W/O CAP	TIN △2	2.2	2MM-HB-SXX-VT-01-T-TB
2823651	TUBE W/ CAP		2.2	2MM-HB-SXX-VT-01-T-TBP
2823465	TAPE AND REEL W/ CAP		2.2	2MM-HB-SXX-VT-01-T-TRP
2823076	TUBE W/O CAP		2.8	2MM-HB-SXX-VT-02-T-TB
2823655	TUBE W/ CAP		2.8	2MM-HB-SXX-VT-02-T-TBP
2823469	TAPE AND REEL W/ CAP		2.8	2MM-HB-SXX-VT-02-T-TRP
2823078	TUBE W/O CAP	SELECTIVE Au flash 0.1µm △3	2.2	2MM-HB-SXX-VT-01-F-TB
2823652	TUBE W/ CAP		2.2	2MM-HB-SXX-VT-01-F-TBP
2823466	TAPE AND REEL W/ CAP		2.2	2MM-HB-SXX-VT-01-F-TRP
2823080	TUBE W/O CAP		2.8	2MM-HB-SXX-VT-02-F-TB
2823656	TUBE W/ CAP		2.8	2MM-HB-SXX-VT-02-F-TBP
2823470	TAPE AND REEL W/ CAP		2.8	2MM-HB-SXX-VT-02-F-TRP
2823082	TUBE W/O CAP	SELECTIVE Au 0.38µm △4	2.2	2MM-HB-SXX-VT-01-M-TB
2823653	TUBE W/ CAP		2.2	2MM-HB-SXX-VT-01-M-TBP
2823467	TAPE AND REEL W/ CAP		2.2	2MM-HB-SXX-VT-01-M-TRP
2823084	TUBE W/O CAP		2.8	2MM-HB-SXX-VT-02-M-TB
2823657	TUBE W/ CAP		2.8	2MM-HB-SXX-VT-02-M-TBP
2823471	TAPE AND REEL W/ CAP		2.8	2MM-HB-SXX-VT-02-M-TRP
2823086	TUBE W/O CAP	SELECTIVE Au 0.76µm △5	2.2	2MM-HB-SXX-VT-01-H-TB
2823654	TUBE W/ CAP		2.2	2MM-HB-SXX-VT-01-H-TBP
2823468	TAPE AND REEL W/ CAP		2.2	2MM-HB-SXX-VT-01-H-TRP
2823088	TUBE W/O CAP		2.8	2MM-HB-SXX-VT-02-H-TB
2823658	TUBE W/ CAP		2.8	2MM-HB-SXX-VT-02-H-TBP
2823472	TAPE AND REEL W/ CAP		2.8	2MM-HB-SXX-VT-02-H-TRP

DIM "F"	DIM "E"	NUMBER OF PINS PER ROW "XX"	TE INTERNAL PART NO.
48.0	50.0	25	2- -5
46.0	48.0	24	2- -4
44.0	46.0	23	2- -3
42.0	44.0	22	2- -2
40.0	42.0	21	2- -1
38.0	40.0	20	2- -0
36.0	38.0	19	1- -9
34.0	36.0	18	1- -8
32.0	34.0	17	1- -7
30.0	32.0	16	1- -6
28.0	30.0	15	1- -5
26.0	28.0	14	1- -4
24.0	26.0	13	1- -3
22.0	24.0	12	1- -2
20.0	22.0	11	1- -1
18.0	20.0	10	1- -0
16.0	18.0	9	-9
14.0	16.0	8	-8
12.0	14.0	7	-7
10.0	12.0	6	-6
8.0	10.0	5	-5
6.0	8.0	4	-4
4.0	6.0	3	-3
2.0	4.0	2	-2

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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 ±2°

MATERIAL: SEE NOTES

FINISH: SEE NOTES

DWN	RAKESH	03MAY2016
CHK	KARTHIK	03MAY2016
APVD	PRASHANTH	03MAY2016
PRODUCT SPEC	108-64040	
APPLICATION SPEC	114-64040	
WEIGHT	-	

TE Connectivity

NAME: AMPMODU 2mm BREAKAWAY HEADER SINGLE ROW VERTICAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823074	-

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

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Global Electronic Components Distributor

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